

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: WEST04
 ProjectID: Ft Meade Tipton Airfield Parcel RI - PO 0111169
 Lab Code: CHEM Case No.: Q1109 SAS No.: Q1109 SDG No.: Q1109

Calibration Sequence : FF011425		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	143840778	143841	FF015220.D
500	64031184	128062	FF015221.D
200	27101566	135508	FF015222.D
100	14693450	146934	FF015223.D
50	7168378	143368	FF015224.D
AVG RF : 139543		% RSD : 5.502	AVG RT : 15.0138

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015220.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 09:07
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 14 09:48:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 09:47:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.019	13278165	111.533 ug/ml
Target Compounds			
1) N-OCTANE	2.037	13689388	112.061 ug/ml
2) N-DECANE	4.570	13709069	112.030 ug/ml
3) N-DODECANE	6.737	14175163	112.585 ug/ml
4) N-TETRADECANE	8.562	13773937	113.827 ug/ml
5) N-HEXADECANE	10.168	14292399	113.846 ug/ml
6) N-OCTADECANE	11.611	15095741	112.004 ug/ml
7) N-EICOSANE	12.921	14906843	111.586 ug/ml
8) N-DOCOSANE	14.121	14747088	111.562 ug/ml
10) N-TETRACOSANE	15.225	14685916	111.513 ug/ml
11) N-HEXACOSANE	16.245	14390792	112.109 ug/ml
12) N-OCTACOSANE	17.197	14063830	112.349 ug/ml
13) N-TRIACONTANE	18.083	13677817	112.942 ug/ml
14) N-DOTRIACONTANE	18.915	13012135	112.613 ug/ml
15) N-TETRATRIACONTANE	19.699	11514825	114.248 ug/ml
16) N-HEXATRIACONTANE	20.438	9647817	115.825 ug/ml
17) N-OCTATRIACONTANE	21.175	8552248	116.953 ug/ml
18) N-TETRACONTANE	22.089	8250343	118.949 ug/ml

(f)=RT Delta > 1/2 Window

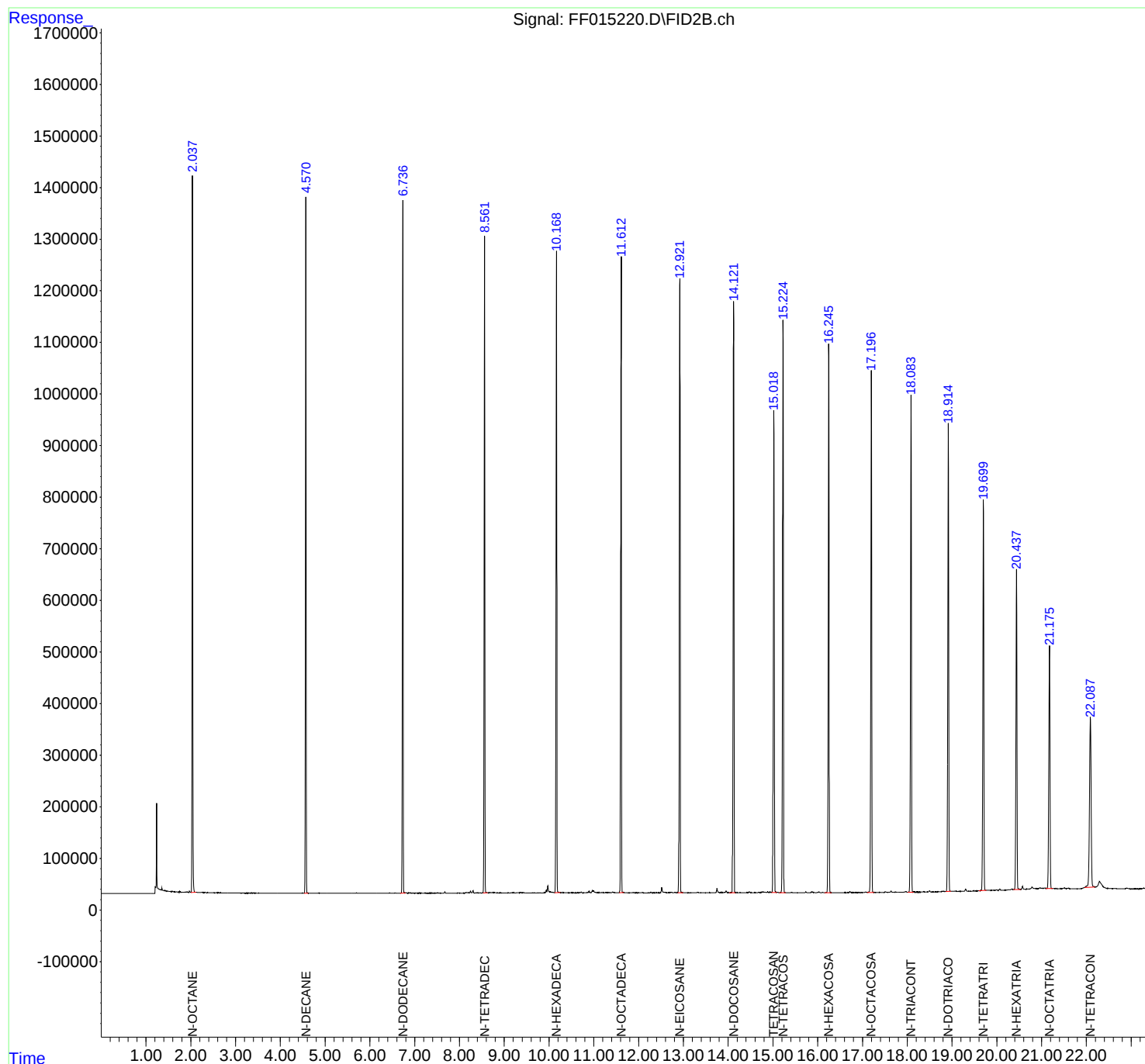
(m)=manual int.

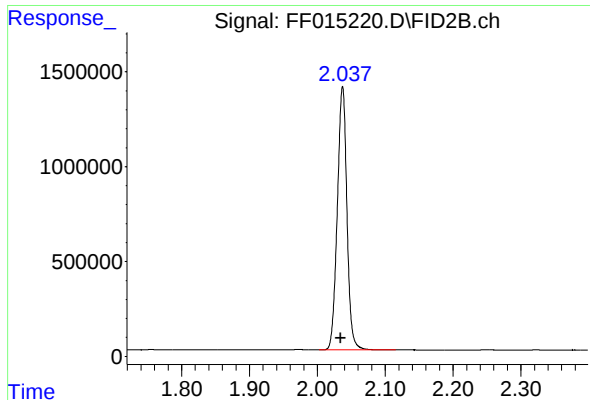
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015220.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 09:07
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Jan 14 09:48:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Quant Title :
QLast Update : Tue Jan 14 09:47:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

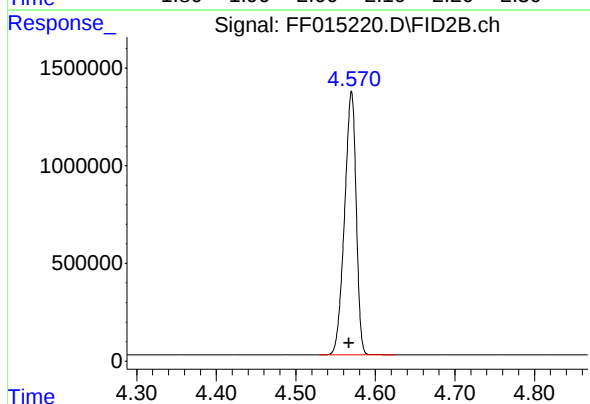




#1 N-OCTANE

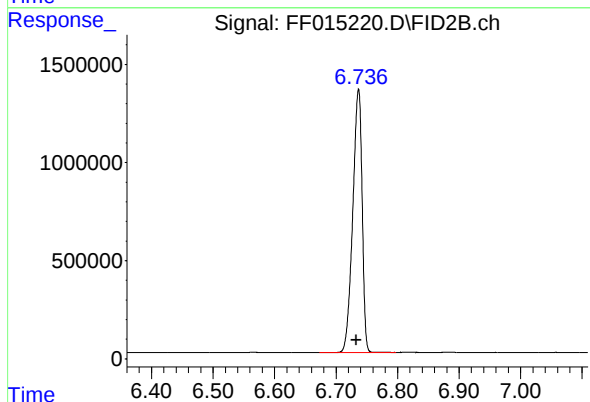
R.T.: 2.037 min
Delta R.T.: 0.003 min
Response: 13689388
Conc: 112.06 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



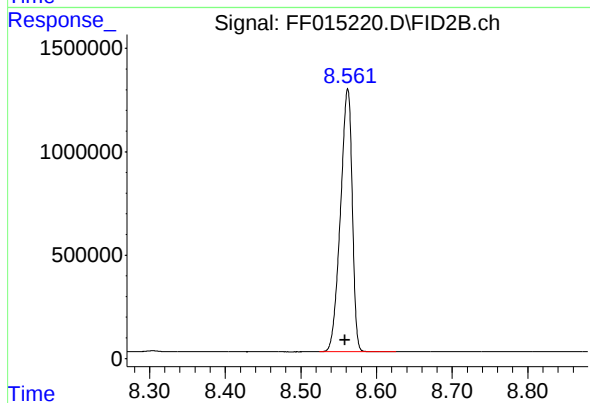
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: 0.003 min
Response: 13709069
Conc: 112.03 ug/ml



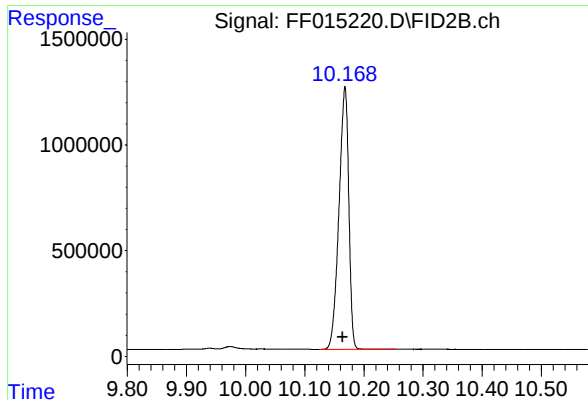
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 14175163
Conc: 112.58 ug/ml



#4 N-TETRADECANE

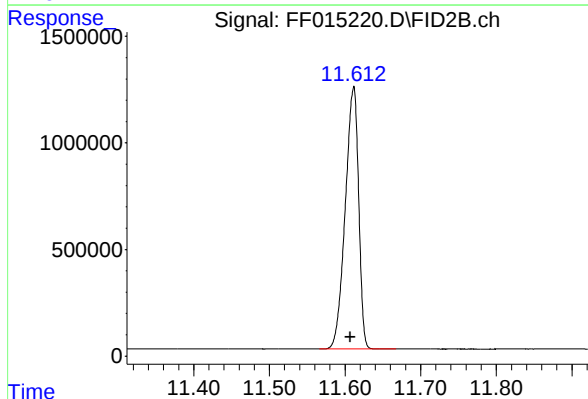
R.T.: 8.562 min
Delta R.T.: 0.003 min
Response: 13773937
Conc: 113.83 ug/ml



#5 N-HEXADECANE

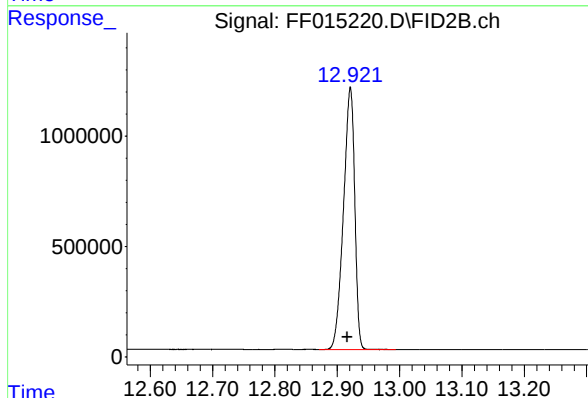
R.T.: 10.168 min
Delta R.T.: 0.004 min
Response: 14292399
Conc: 113.85 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



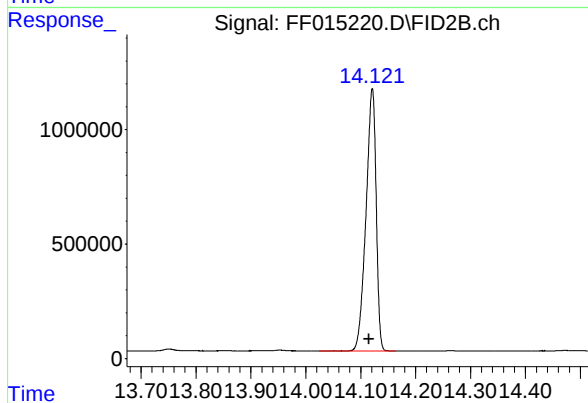
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: 0.004 min
Response: 15095741
Conc: 112.00 ug/ml



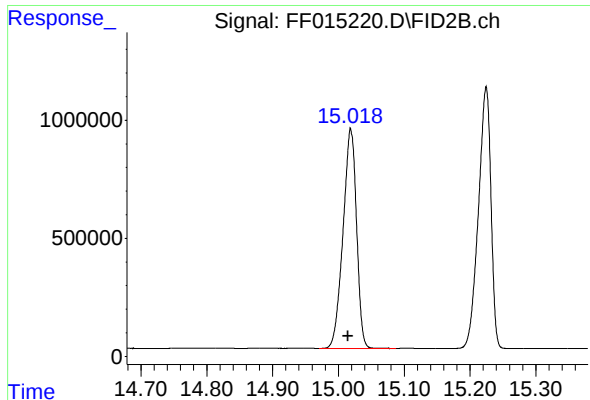
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: 0.005 min
Response: 14906843
Conc: 111.59 ug/ml



#8 N-DOCOSANE

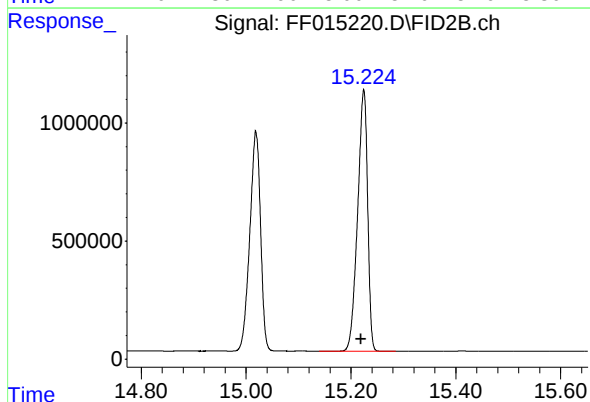
R.T.: 14.121 min
Delta R.T.: 0.006 min
Response: 14747088
Conc: 111.56 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

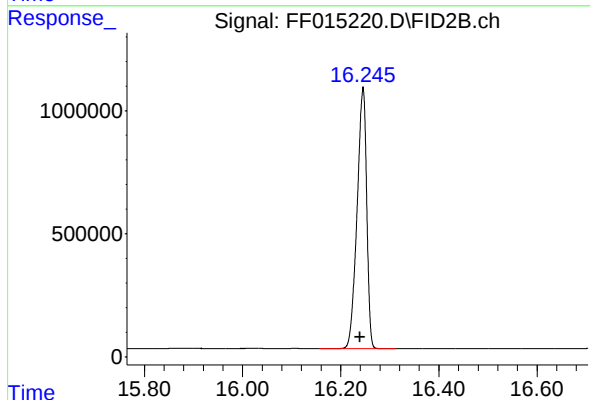
R.T.: 15.019 min
Delta R.T.: 0.004 min
Response: 13278165
Conc: 111.53 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



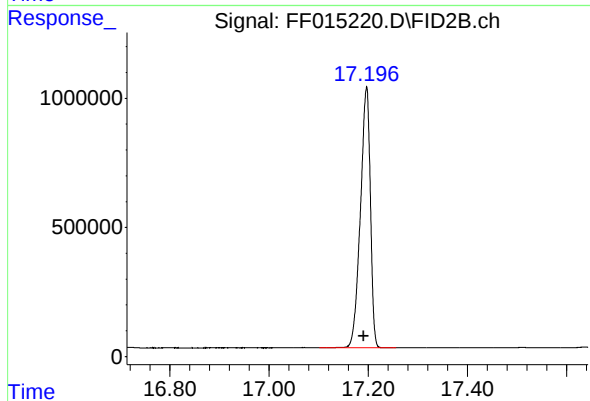
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: 0.006 min
Response: 14685916
Conc: 111.51 ug/ml



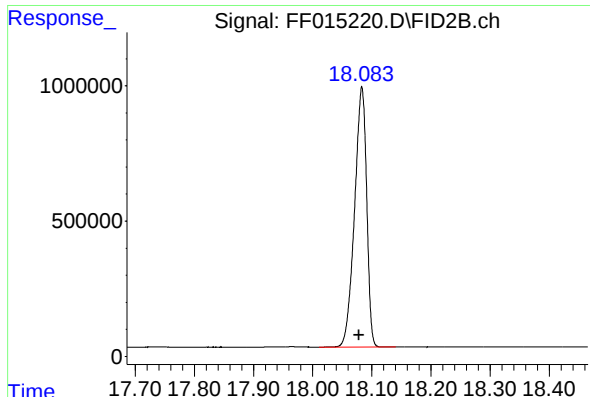
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: 0.006 min
Response: 14390792
Conc: 112.11 ug/ml



#12 N-OCTACOSANE

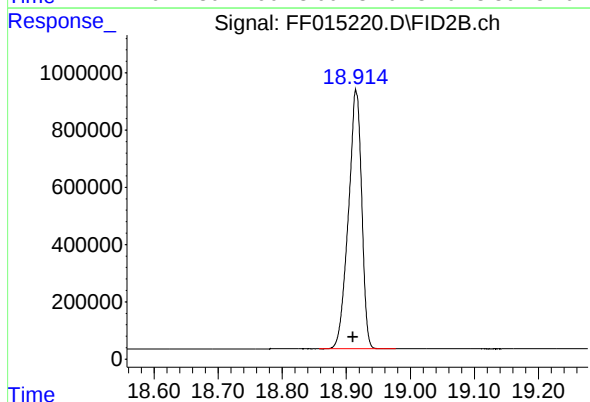
R.T.: 17.197 min
Delta R.T.: 0.006 min
Response: 14063830
Conc: 112.35 ug/ml



#13 N-TRIACONTANE

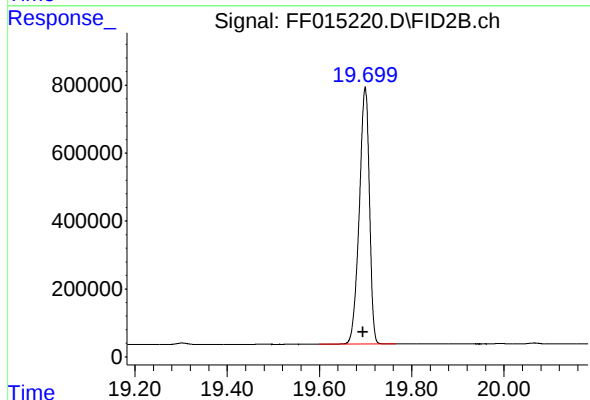
R.T.: 18.083 min
Delta R.T.: 0.005 min
Response: 13677817
Conc: 112.94 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



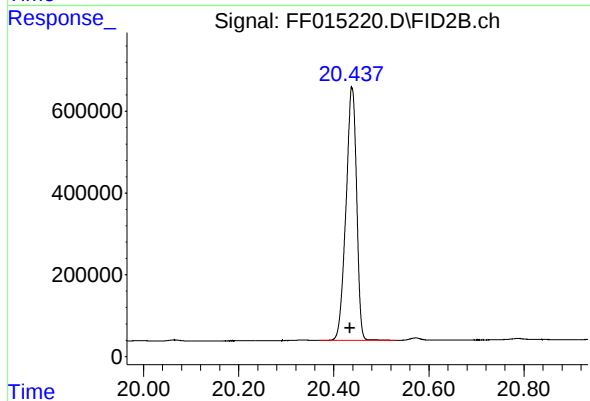
#14 N-DOTRIACONTANE

R.T.: 18.915 min
Delta R.T.: 0.004 min
Response: 13012135
Conc: 112.61 ug/ml



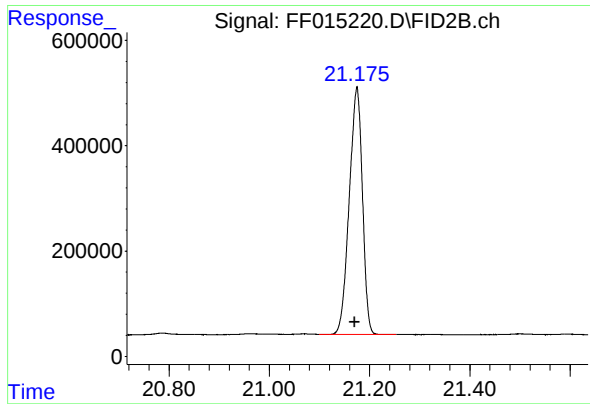
#15 N-TETRATRIACONTANE

R.T.: 19.699 min
Delta R.T.: 0.005 min
Response: 11514825
Conc: 114.25 ug/ml



#16 N-HEXATRIACONTANE

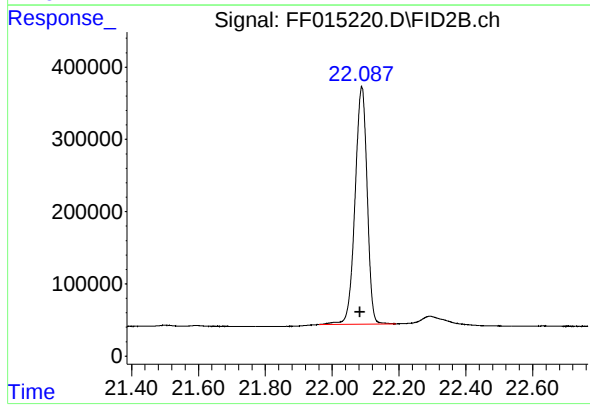
R.T.: 20.438 min
Delta R.T.: 0.004 min
Response: 9647817
Conc: 115.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.175 min
Delta R.T.: 0.004 min
Response: 8552248
Conc: 116.95 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: 0.005 min
Response: 8250343
Conc: 118.95 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015220.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 09:07
Sample : 100 TRPH STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.037	2.002	2.116	PV	1389142	13689388	90.68%	5.814%
2	4.570	4.529	4.626	BB	1347196	13709069	90.81%	5.822%
3	6.737	6.672	6.797	BB	1346657	14175163	93.90%	6.020%
4	8.562	8.524	8.626	PB	1272237	13773937	91.24%	5.850%
5	10.168	10.124	10.254	BB	1241399	14292399	94.68%	6.070%
6	11.611	11.566	11.667	BB	1223989	15095741	100.00%	6.411%
7	12.921	12.871	12.994	BB	1189568	14906843	98.75%	6.331%
8	14.121	14.024	14.164	BB	1147034	14747088	97.69%	6.263%
9	15.019	14.971	15.087	PV	926990	13278165	87.96%	5.639%
10	15.225	15.139	15.286	BB	1107532	14685916	97.29%	6.237%
11	16.245	16.156	16.312	BB	1062529	14390792	95.33%	6.112%
12	17.197	17.101	17.256	BB	1014587	14063830	93.16%	5.973%
13	18.083	18.011	18.141	BB	961671	13677817	90.61%	5.809%
14	18.915	18.857	18.977	BB	897263	13012135	86.20%	5.526%
15	19.699	19.599	19.766	BB	755095	11514825	76.28%	4.890%
16	20.438	20.369	20.531	BV	616214	9647817	63.91%	4.097%
17	21.175	21.099	21.252	BB	469504	8552248	56.65%	3.632%
18	22.089	21.961	22.191	BV	328032	8250343	54.65%	3.504%
Sum of corrected areas:						235463514		

FF011425.M Wed Jan 15 00:52:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015221.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 09:35
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 14 09:47:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 09:47:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.015	5952584	50.000 ug/ml
Target Compounds			
1) N-OCTANE	2.034	6107985	50.000 ug/ml
2) N-DECANE	4.567	6118500	50.000 ug/ml
3) N-DODECANE	6.733	6295342	50.000 ug/ml
4) N-TETRADECANE	8.558	6050379	50.000 ug/ml
5) N-HEXADECANE	10.165	6277067	50.000 ug/ml
6) N-OCTADECANE	11.607	6738908	50.000 ug/ml
7) N-EICOSANE	12.916	6679553	50.000 ug/ml
8) N-DOCOSANE	14.115	6609364	50.000 ug/ml
10) N-TETRACOSANE	15.219	6584865	50.000 ug/ml
11) N-HEXACOSANE	16.240	6418208	50.000 ug/ml
12) N-OCTACOSANE	17.191	6258998	50.000 ug/ml
13) N-TRIACONTANE	18.078	6055233	50.000 ug/ml
14) N-DOTRIACONTANE	18.911	5777373	50.000 ug/ml
15) N-TETRATRIACONTANE	19.695	5039410	50.000 ug/ml
16) N-HEXATRIACONTANE	20.434	4164827	50.000 ug/ml
17) N-OCTATRIACONTANE	21.170	3656268	50.000 ug/ml
18) N-TETRACONTANE	22.084	3468021	50.000 ug/ml

(f)=RT Delta > 1/2 Window

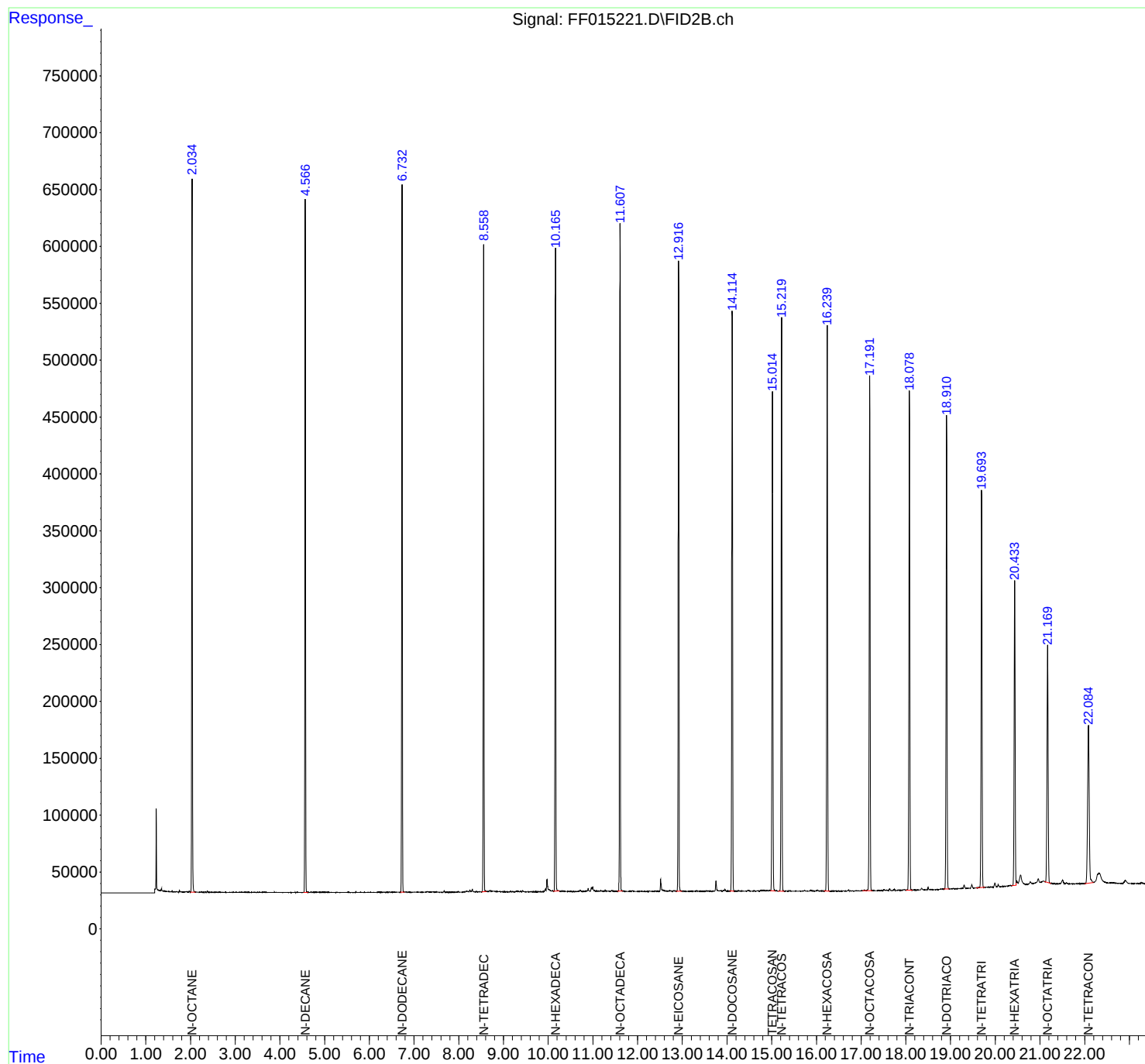
(m)=manual int.

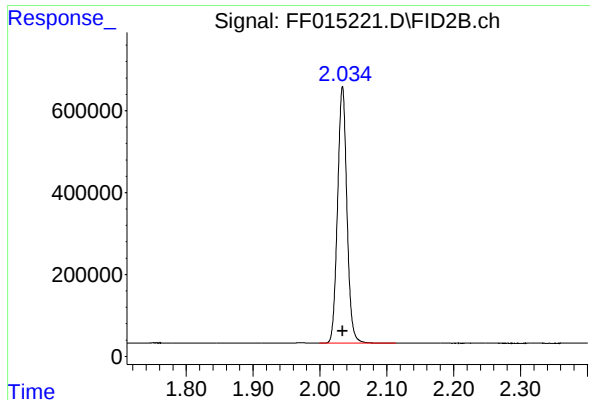
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015221.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 09:35
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 TRPH STD

Integration File: autoint1.e
Quant Time: Jan 14 09:47:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Quant Title :
QLast Update : Tue Jan 14 09:47:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

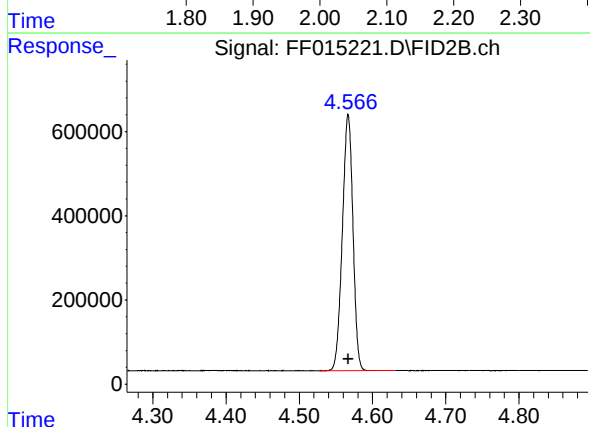




#1 N-OCTANE

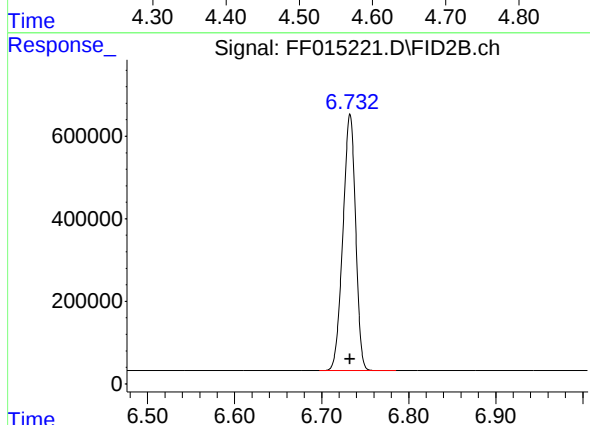
R.T.: 2.034 min
Delta R.T.: 0.000 min
Response: 6107985
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



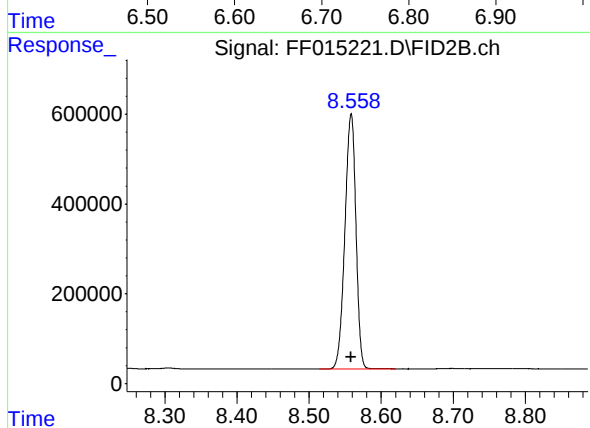
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 6118500
Conc: 50.00 ug/ml



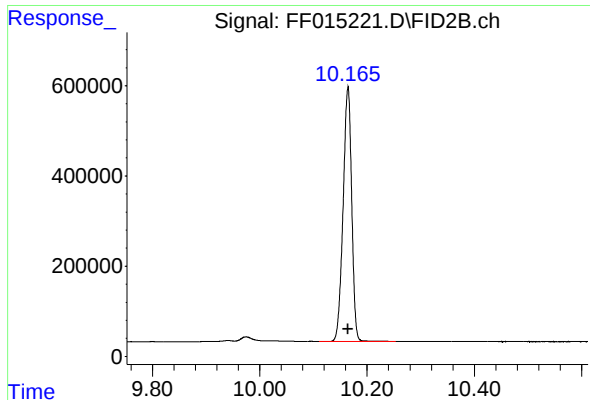
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 6295342
Conc: 50.00 ug/ml



#4 N-TETRADECANE

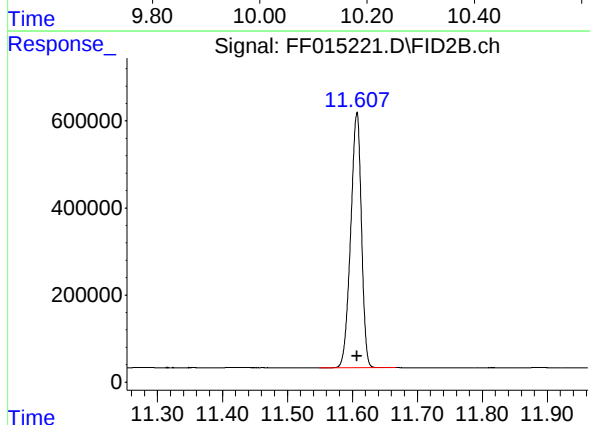
R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 6050379
Conc: 50.00 ug/ml



#5 N-HEXADECANE

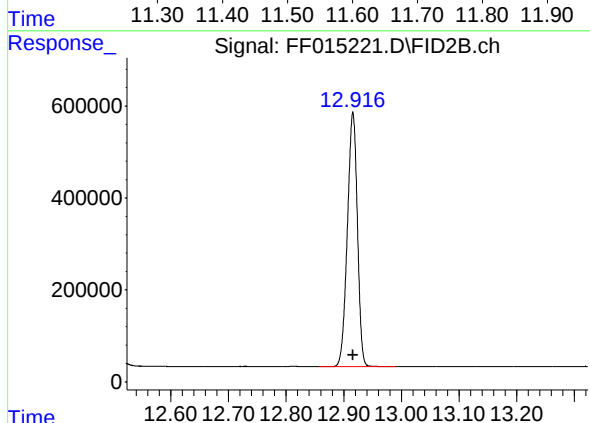
R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 6277067
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



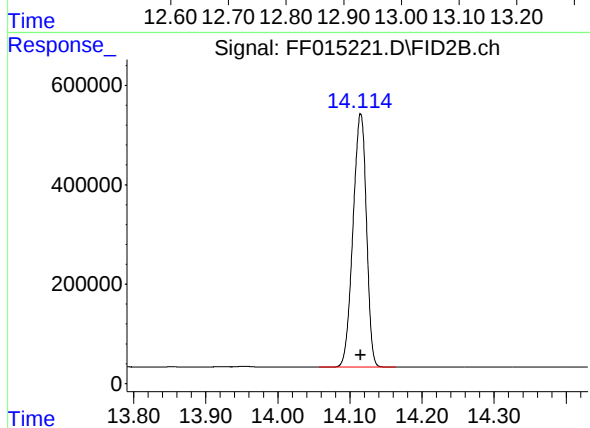
#6 N-OCTADECANE

R.T.: 11.607 min
Delta R.T.: 0.000 min
Response: 6738908
Conc: 50.00 ug/ml



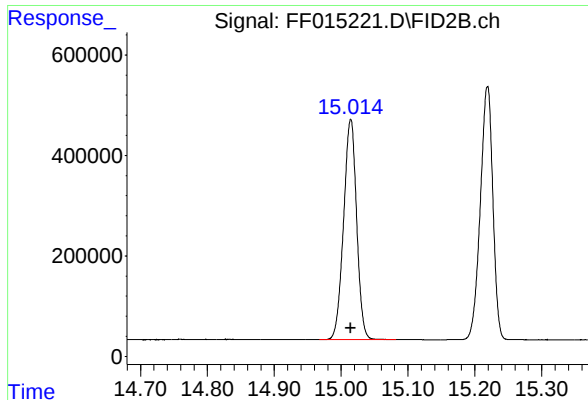
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 6679553
Conc: 50.00 ug/ml



#8 N-DOCOSANE

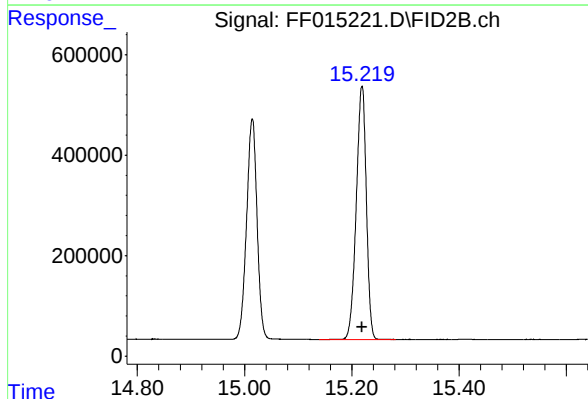
R.T.: 14.115 min
Delta R.T.: 0.000 min
Response: 6609364
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

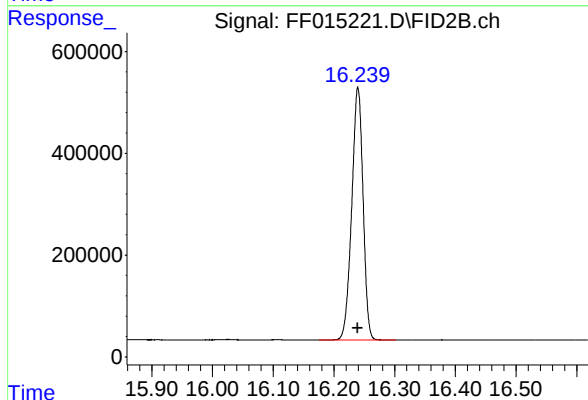
R.T.: 15.015 min
Delta R.T.: 0.000 min
Response: 5952584
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



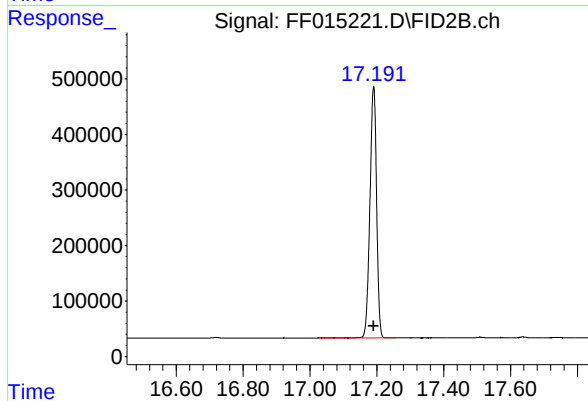
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 6584865
Conc: 50.00 ug/ml



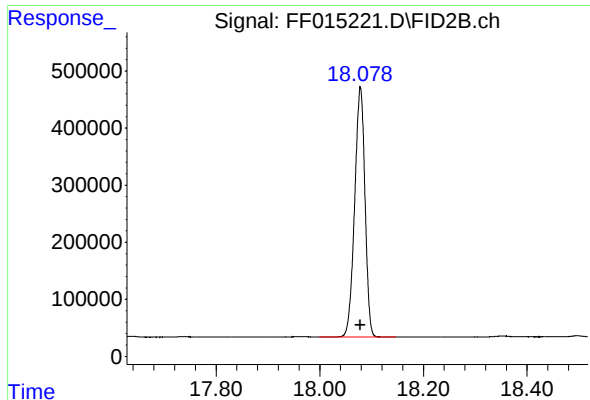
#11 N-HEXACOSANE

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 6418208
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

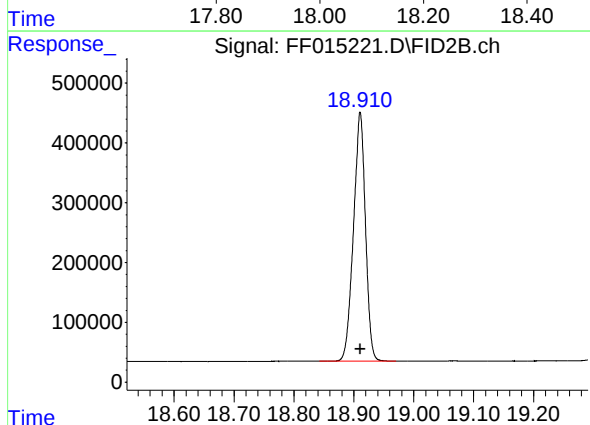
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 6258998
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

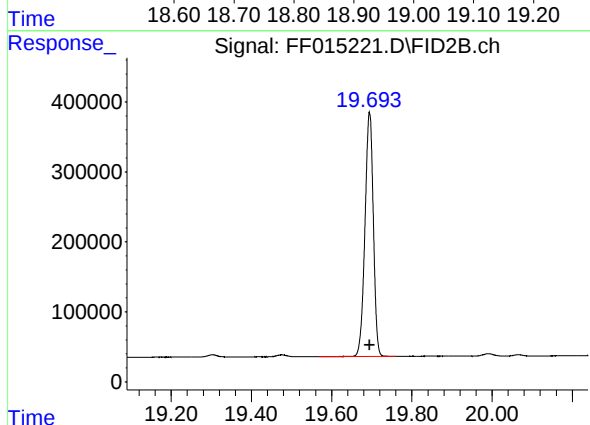
R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 6055233
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



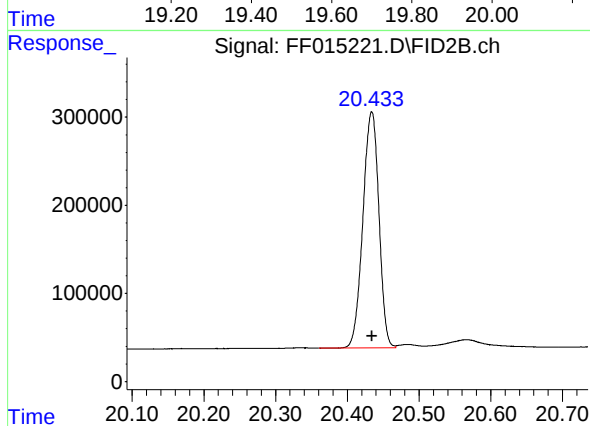
#14 N-DOTRIACONTANE

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 5777373
Conc: 50.00 ug/ml



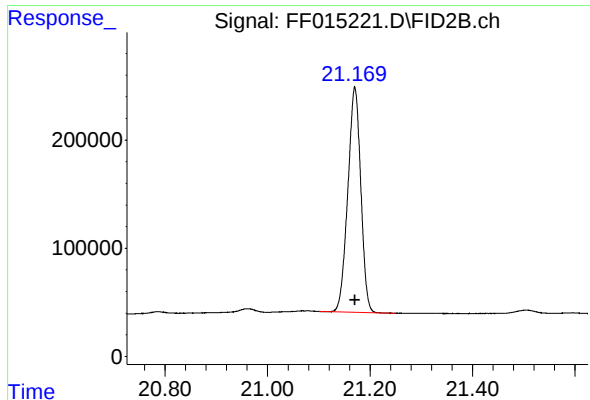
#15 N-TETRATRIACONTANE

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 5039410
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

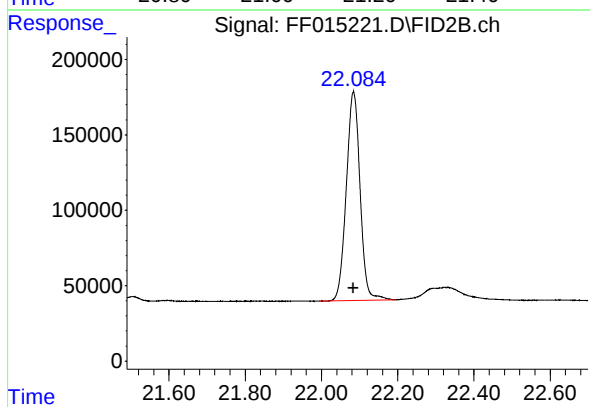
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 4164827
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.170 min
Delta R.T.: 0.000 min
Response: 3656268
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.084 min
Delta R.T.: 0.000 min
Response: 3468021
Conc: 50.00 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015221.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 09:35
Sample : 50 TRPH STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.034	1.999	2.114	BB	627223	6107985	90.64%	5.859%
2	4.567	4.527	4.632	BB	608807	6118500	90.79%	5.869%
3	6.733	6.697	6.785	BB	622315	6295342	93.42%	6.039%
4	8.558	8.514	8.620	BB	569092	6050379	89.78%	5.804%
5	10.165	10.110	10.254	BB	562302	6277067	93.15%	6.021%
6	11.607	11.549	11.667	BB	585777	6738908	100.00%	6.464%
7	12.916	12.857	12.990	BB	552973	6679553	99.12%	6.407%
8	14.115	14.057	14.164	BB	509232	6609364	98.08%	6.340%
9	15.015	14.967	15.082	BV	438947	5952584	88.33%	5.710%
10	15.219	15.139	15.282	BB	504373	6584865	97.71%	6.316%
11	16.240	16.175	16.302	BB	494747	6418208	95.24%	6.156%
12	17.191	17.027	17.257	BB	452368	6258998	92.88%	6.004%
13	18.079	17.999	18.147	BB	437389	6055233	89.85%	5.808%
14	18.911	18.842	18.970	BB	416870	5777373	85.73%	5.542%
15	19.695	19.569	19.760	BB	348913	5039410	74.78%	4.834%
16	20.434	20.360	20.468	BV	268235	4164827	61.80%	3.995%
17	21.170	21.100	21.250	BB	208458	3656268	54.26%	3.507%
18	22.084	21.994	22.195	BV	138385	3468021	51.46%	3.327%
Sum of corrected areas:						104252884		

FF011425.M Wed Jan 15 00:54:12 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015222.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 10:04
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 14 10:16:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 09:49:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.012	2537326	20.151 ug/ml
Target Compounds			
1) N-OCTANE	2.036	2589116	19.989 ug/ml
2) N-DECANE	4.567	2592371	19.983 ug/ml
3) N-DODECANE	6.731	2660659	19.881 ug/ml
4) N-TETRADECANE	8.556	2528544	19.545 ug/ml
5) N-HEXADECANE	10.162	2598796	19.360 ug/ml
6) N-OCTADECANE	11.603	2846220	19.922 ug/ml
7) N-EICOSANE	12.914	2834717	20.057 ug/ml
8) N-DOCOSANE	14.113	2812210	20.112 ug/ml
10) N-TETRACOSANE	15.216	2811736	20.188 ug/ml
11) N-HEXACOSANE	16.237	2742459	20.145 ug/ml
12) N-OCTACOSANE	17.187	2673854	20.118 ug/ml
13) N-TRIACONTANE	18.076	2592796	20.108 ug/ml
14) N-DOTRIACONTANE	18.908	2454056	19.979 ug/ml
15) N-TETRATRIACONTANE	19.693	2112330	19.564 ug/ml
16) N-HEXATRIACONTANE	20.432	1674385	18.628 ug/ml
17) N-OCTATRIACONTANE	21.168	1454409	18.335 ug/ml
18) N-TETRACONTANE	22.084	1319770	17.381 ug/ml

(f)=RT Delta > 1/2 Window

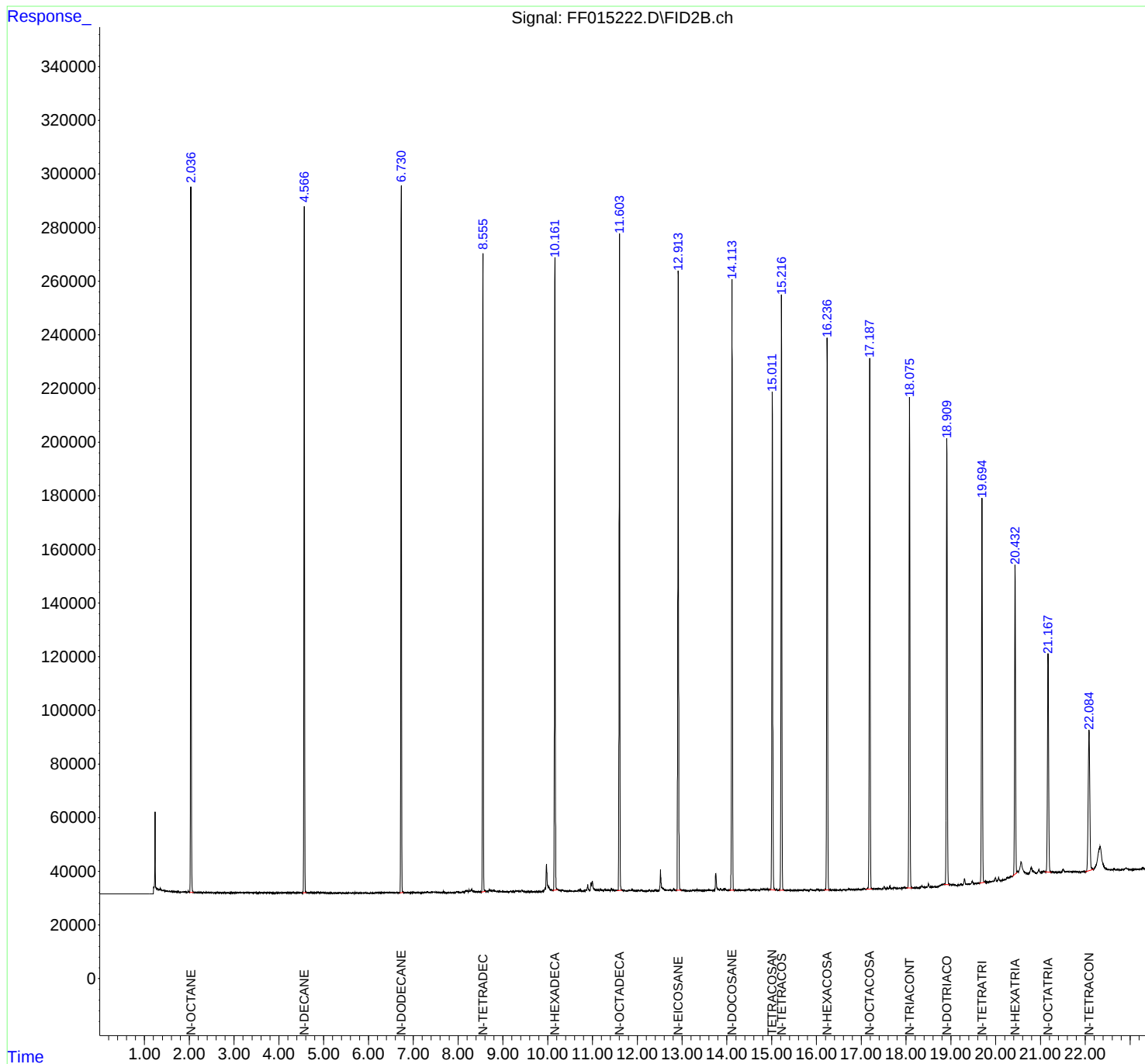
(m)=manual int.

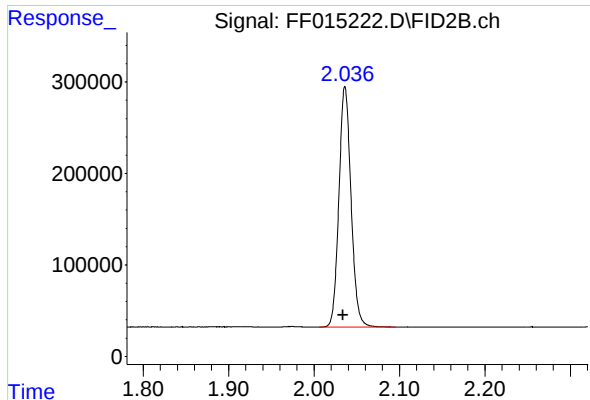
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015222.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 10:04
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Jan 14 10:16:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Quant Title :
QLast Update : Tue Jan 14 09:49:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

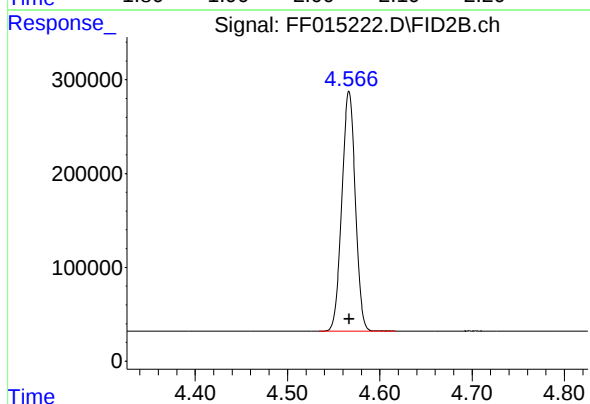




#1 N-OCTANE

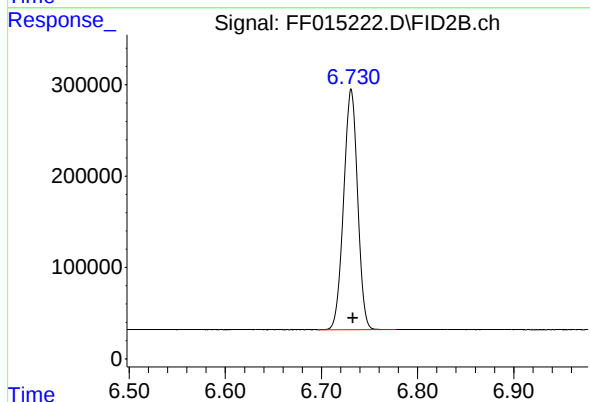
R.T.: 2.036 min
Delta R.T.: 0.002 min
Response: 2589116
Conc: 19.99 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



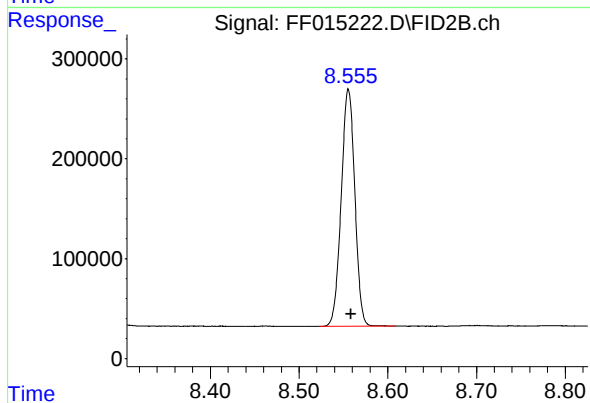
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2592371
Conc: 19.98 ug/ml



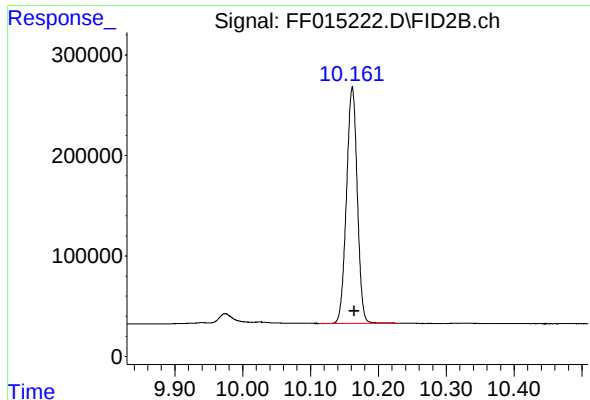
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 2660659
Conc: 19.88 ug/ml



#4 N-TETRADECANE

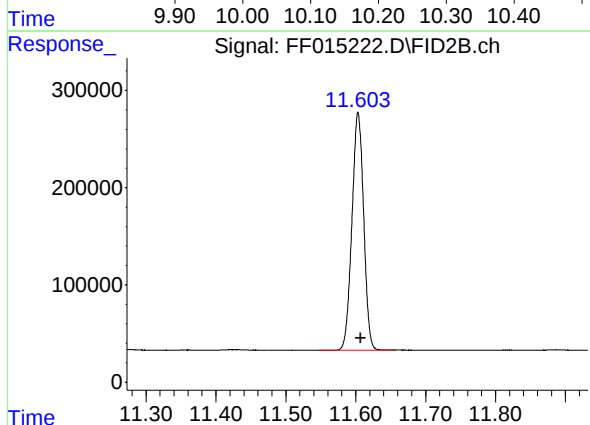
R.T.: 8.556 min
Delta R.T.: -0.003 min
Response: 2528544
Conc: 19.54 ug/ml



#5 N-HEXADECANE

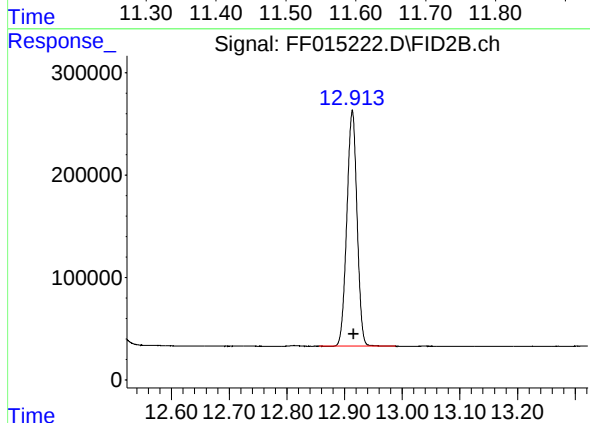
R.T.: 10.162 min
Delta R.T.: -0.003 min
Response: 2598796
Conc: 19.36 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



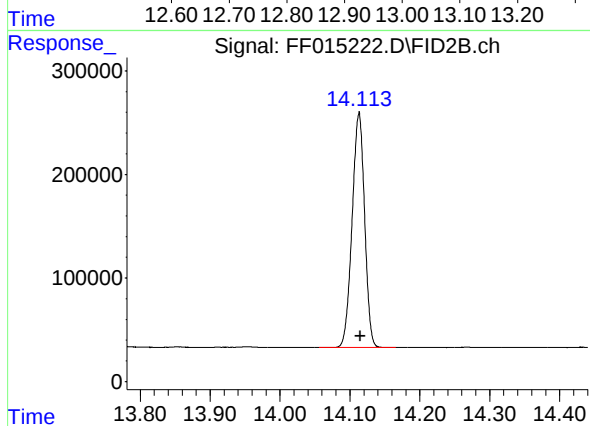
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: -0.004 min
Response: 2846220
Conc: 19.92 ug/ml



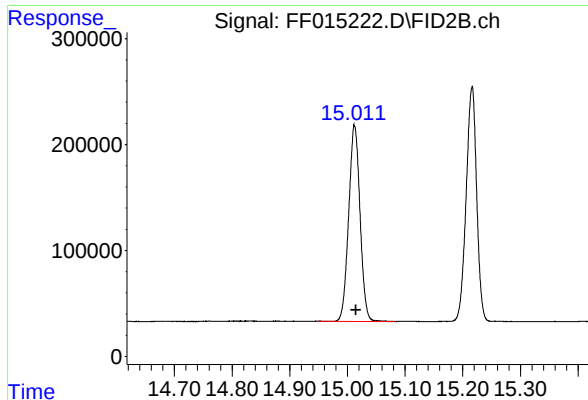
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.002 min
Response: 2834717
Conc: 20.06 ug/ml



#8 N-DOCOSANE

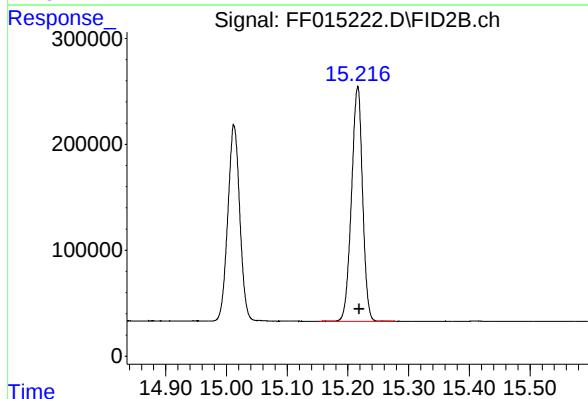
R.T.: 14.113 min
Delta R.T.: -0.002 min
Response: 2812210
Conc: 20.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

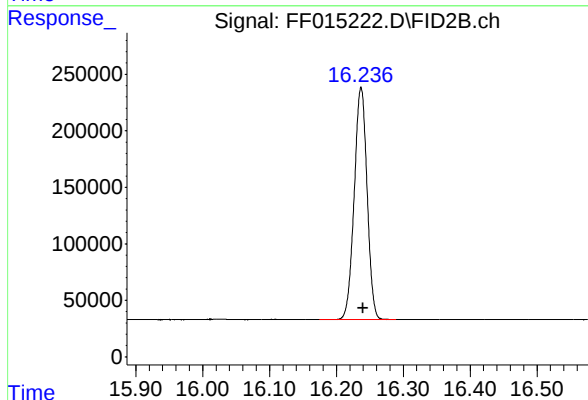
R.T.: 15.012 min
Delta R.T.: -0.002 min
Response: 2537326
Conc: 20.15 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



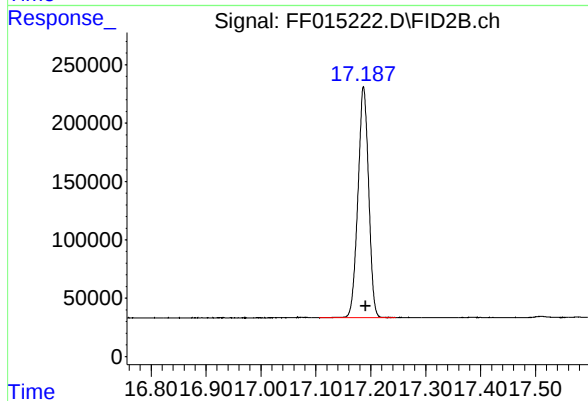
#10 N-TETRACOSANE

R.T.: 15.216 min
Delta R.T.: -0.003 min
Response: 2811736
Conc: 20.19 ug/ml



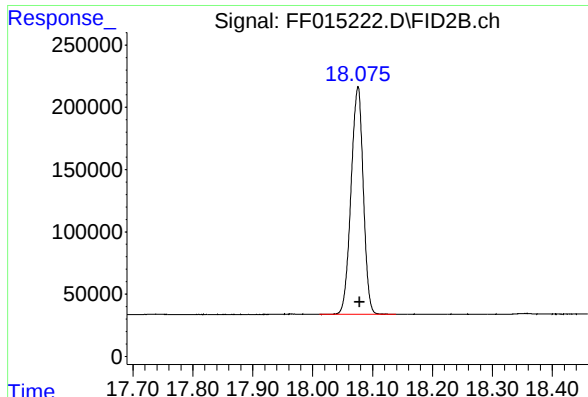
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 2742459
Conc: 20.14 ug/ml



#12 N-OCTACOSANE

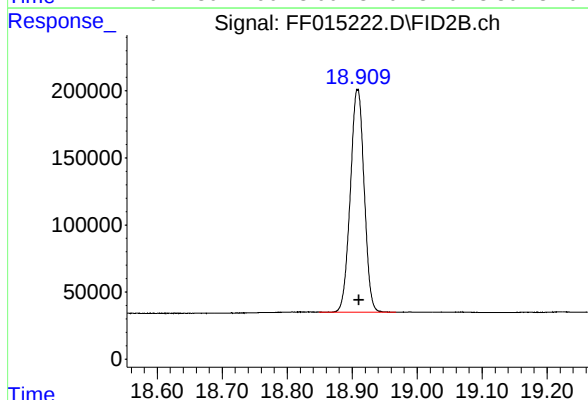
R.T.: 17.187 min
Delta R.T.: -0.004 min
Response: 2673854
Conc: 20.12 ug/ml



#13 N-TRIACONTANE

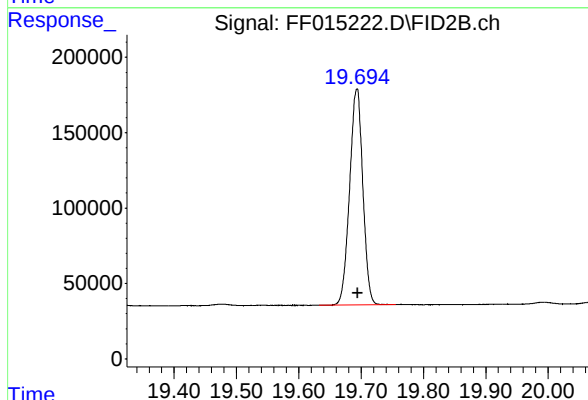
R.T.: 18.076 min
Delta R.T.: -0.003 min
Response: 2592796
Conc: 20.11 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



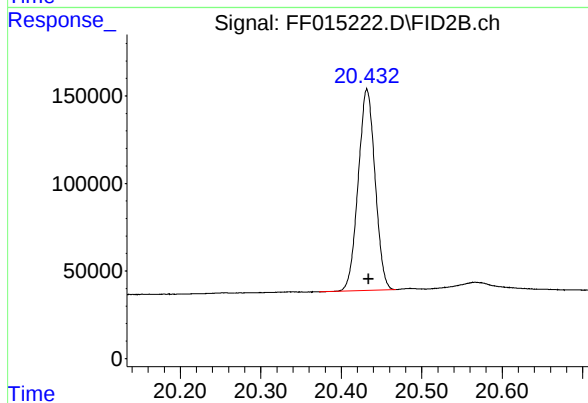
#14 N-DOTRIACONTANE

R.T.: 18.908 min
Delta R.T.: -0.002 min
Response: 2454056
Conc: 19.98 ug/ml



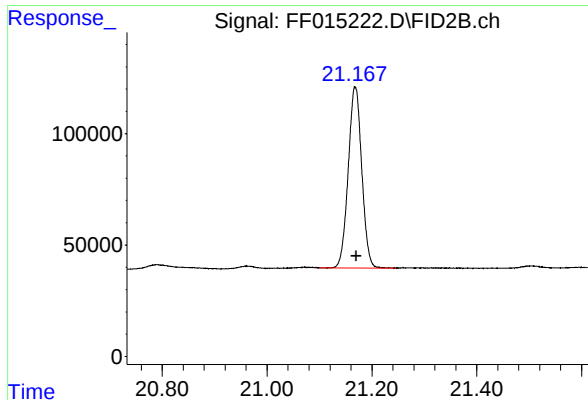
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: -0.001 min
Response: 2112330
Conc: 19.56 ug/ml



#16 N-HEXATRIACONTANE

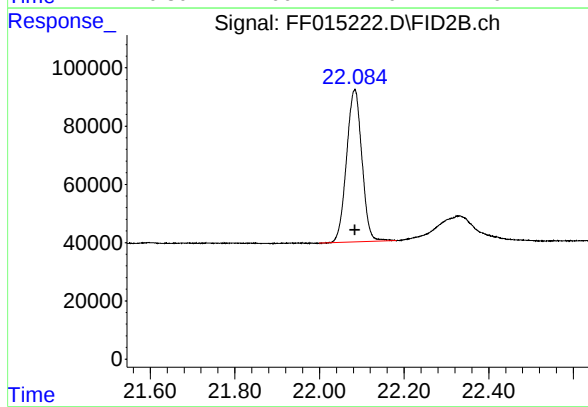
R.T.: 20.432 min
Delta R.T.: -0.002 min
Response: 1674385
Conc: 18.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: -0.002 min
Response: 1454409
Conc: 18.34 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.084 min
Delta R.T.: 0.000 min
Response: 1319770
Conc: 17.38 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015222.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 10:04
Sample : 20 TRPH STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.036	2.006	2.096	BB	263009	2589116	90.97%	5.906%
2	4.567	4.534	4.617	BB	255741	2592371	91.08%	5.914%
3	6.731	6.697	6.777	BB	263446	2660659	93.48%	6.070%
4	8.556	8.522	8.609	BB	237465	2528544	88.84%	5.768%
5	10.162	10.112	10.226	BB	235437	2598796	91.31%	5.928%
6	11.603	11.547	11.657	BB	244004	2846220	100.00%	6.493%
7	12.914	12.856	12.989	BB	230621	2834717	99.60%	6.467%
8	14.113	14.056	14.166	BB	225893	2812210	98.81%	6.415%
9	15.012	14.951	15.084	BB	184541	2537326	89.15%	5.788%
10	15.216	15.152	15.279	BB	221148	2811736	98.79%	6.414%
11	16.237	16.174	16.289	BB	205415	2742459	96.35%	6.256%
12	17.187	17.106	17.246	BB	197733	2673854	93.94%	6.100%
13	18.076	18.011	18.139	BB	182893	2592796	91.10%	5.915%
14	18.908	18.849	18.967	BB	166135	2454056	86.22%	5.598%
15	19.693	19.632	19.756	BB	143715	2112330	74.22%	4.819%
16	20.432	20.372	20.468	BV	114894	1674385	58.83%	3.820%
17	21.168	21.099	21.246	BB	81386	1454409	51.10%	3.318%
18	22.084	21.999	22.181	BB	52487	1319770	46.37%	3.011%
Sum of corrected areas:						43835752		

FF011425.M Wed Jan 15 00:55:03 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015223.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 10:32
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 14 10:43:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 10:17:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.012	1384781	10.970 ug/ml
Target Compounds			
1) N-OCTANE	2.037	1409071	10.881 ug/ml
2) N-DECANE	4.567	1406416	10.844 ug/ml
3) N-DODECANE	6.731	1441330	10.791 ug/ml
4) N-TETRADECANE	8.556	1361743	10.606 ug/ml
5) N-HEXADECANE	10.162	1380799	10.397 ug/ml
6) N-OCTADECANE	11.604	1549680	10.861 ug/ml
7) N-EICOSANE	12.914	1551896	10.970 ug/ml
8) N-DOCOSANE	14.112	1536342	10.967 ug/ml
10) N-TETRACOSANE	15.216	1537280	11.003 ug/ml
11) N-HEXACOSANE	16.237	1487783	10.902 ug/ml
12) N-OCTACOSANE	17.187	1440181	10.815 ug/ml
13) N-TRIACONTANE	18.075	1391000	10.768 ug/ml
14) N-DOTRIACONTANE	18.908	1332604	10.853 ug/ml
15) N-TETRATRIACONTANE	19.692	1186558	11.070 ug/ml
16) N-HEXATRIACONTANE	20.432	992679	11.302 ug/ml
17) N-OCTATRIACONTANE	21.169	922048	11.956 ug/ml
18) N-TETRACONTANE	22.081	895474	12.331 ug/ml

(f)=RT Delta > 1/2 Window

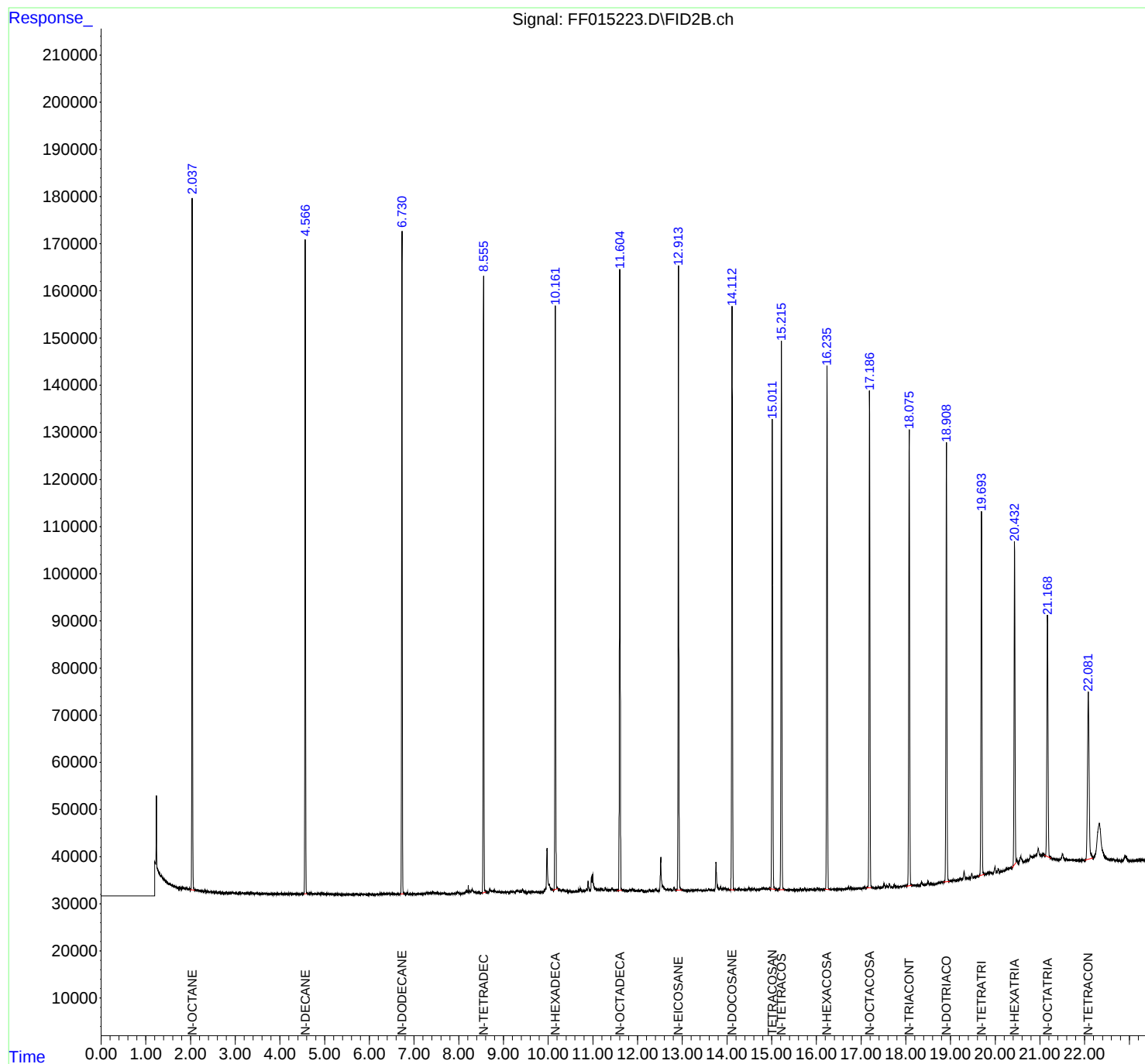
(m)=manual int.

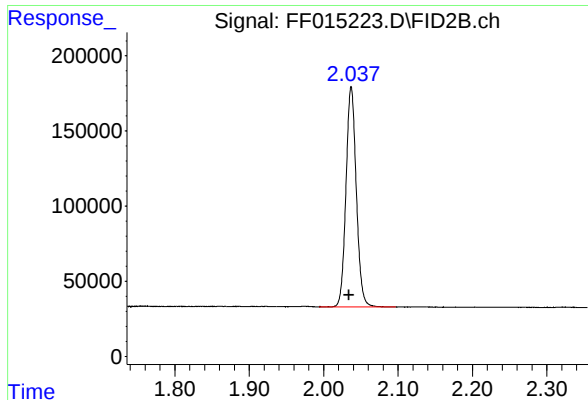
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015223.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 10:32
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Jan 14 10:43:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Quant Title :
QLast Update : Tue Jan 14 10:17:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

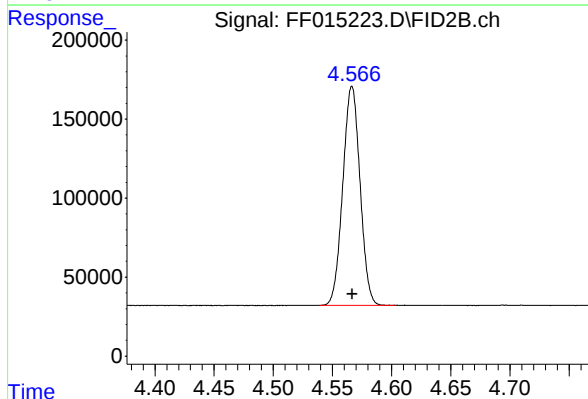




#1 N-OCTANE

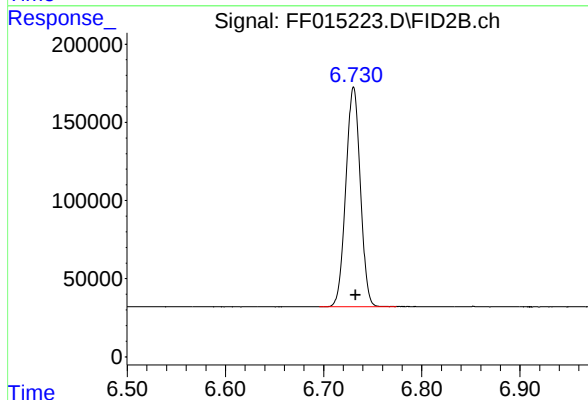
R.T.: 2.037 min
Delta R.T.: 0.003 min
Response: 1409071
Conc: 10.88 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



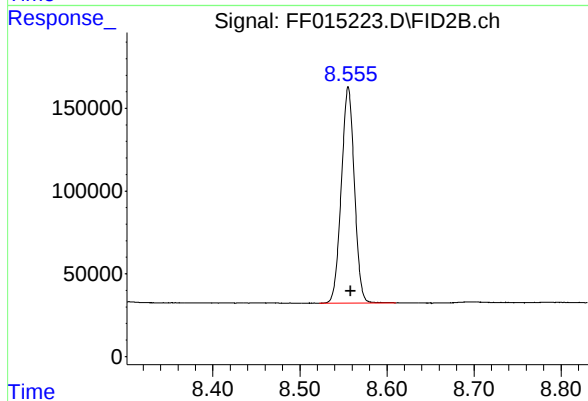
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 1406416
Conc: 10.84 ug/ml



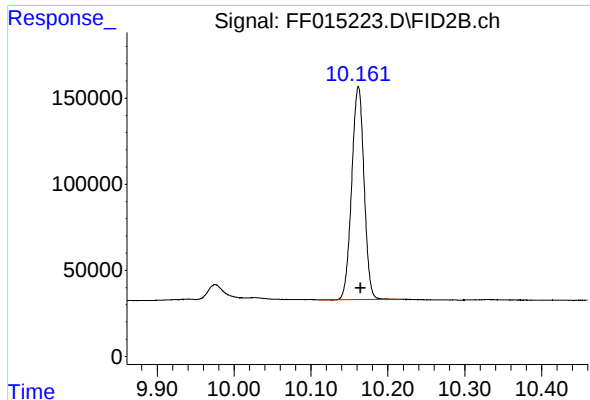
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 1441330
Conc: 10.79 ug/ml



#4 N-TETRADECANE

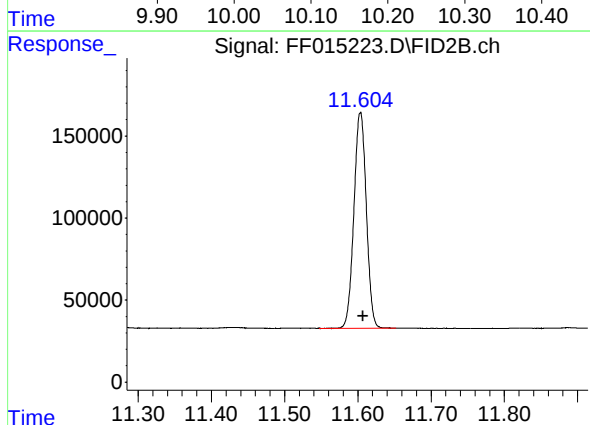
R.T.: 8.556 min
Delta R.T.: -0.003 min
Response: 1361743
Conc: 10.61 ug/ml



#5 N-HEXADECANE

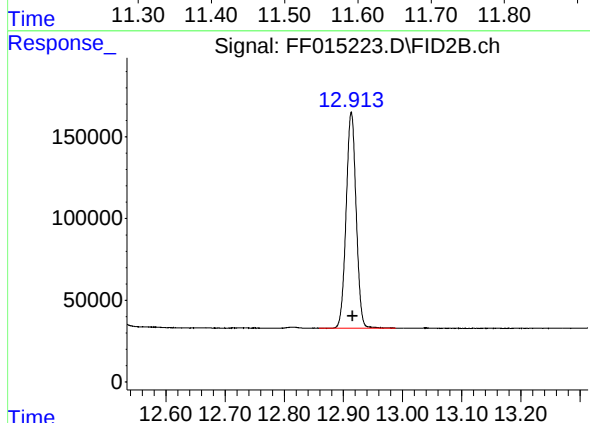
R.T.: 10.162 min
Delta R.T.: -0.003 min
Response: 1380799
Conc: 10.40 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



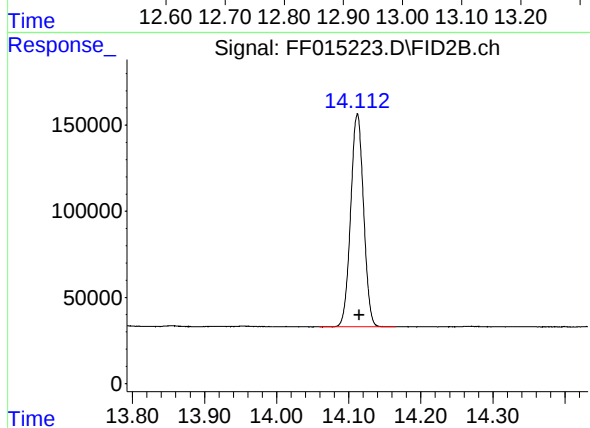
#6 N-OCTADECANE

R.T.: 11.604 min
Delta R.T.: -0.003 min
Response: 1549680
Conc: 10.86 ug/ml



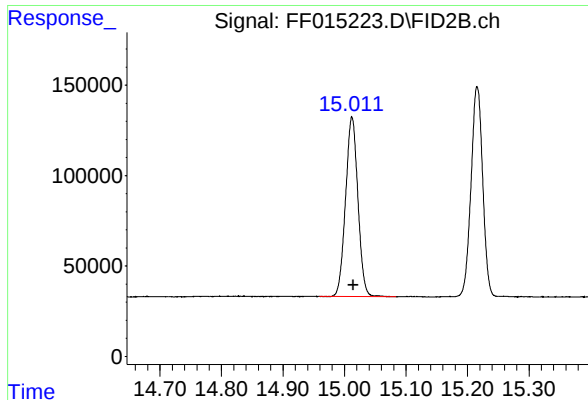
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.002 min
Response: 1551896
Conc: 10.97 ug/ml



#8 N-DOCOSANE

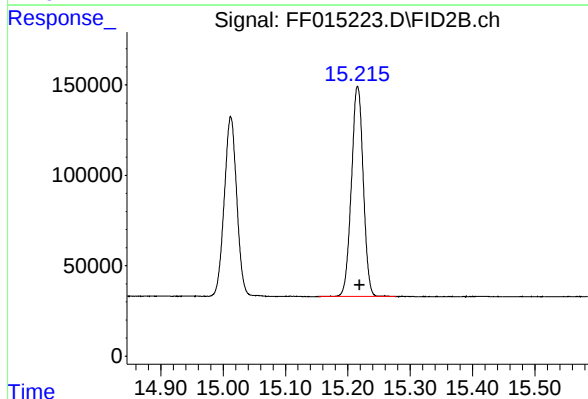
R.T.: 14.112 min
Delta R.T.: -0.003 min
Response: 1536342
Conc: 10.97 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

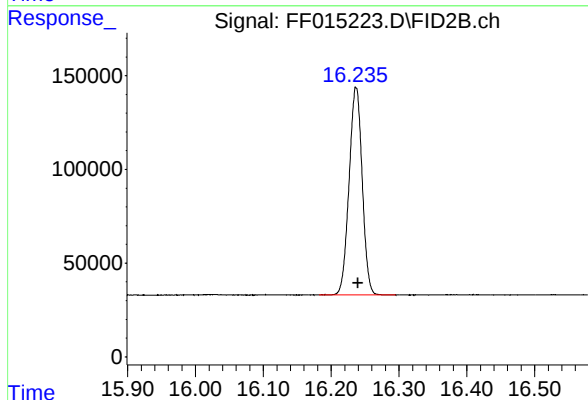
R.T.: 15.012 min
Delta R.T.: -0.002 min
Response: 1384781
Conc: 10.97 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



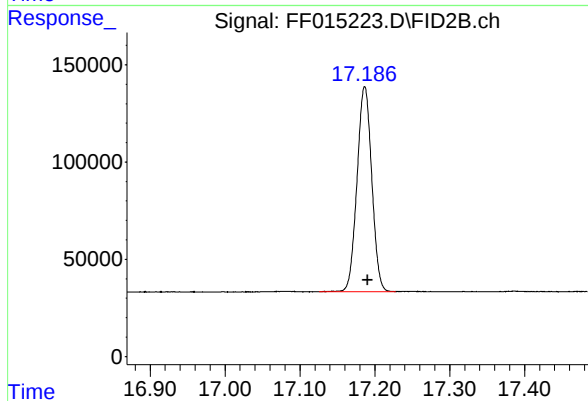
#10 N-TETRACOSANE

R.T.: 15.216 min
Delta R.T.: -0.003 min
Response: 1537280
Conc: 11.00 ug/ml



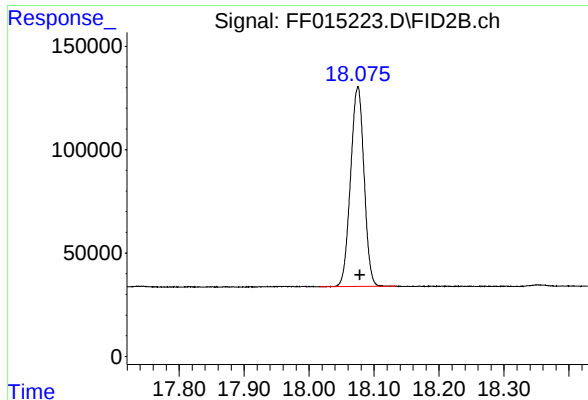
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 1487783
Conc: 10.90 ug/ml



#12 N-OCTACOSANE

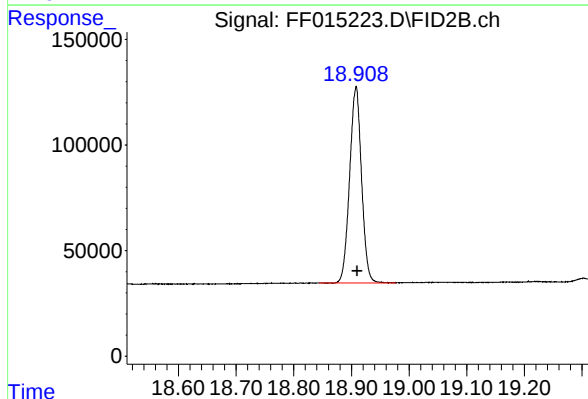
R.T.: 17.187 min
Delta R.T.: -0.004 min
Response: 1440181
Conc: 10.81 ug/ml



#13 N-TRIACONTANE

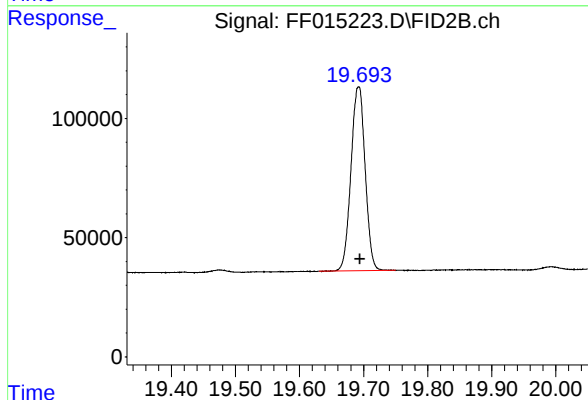
R.T.: 18.075 min
Delta R.T.: -0.003 min
Response: 1391000
Conc: 10.77 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



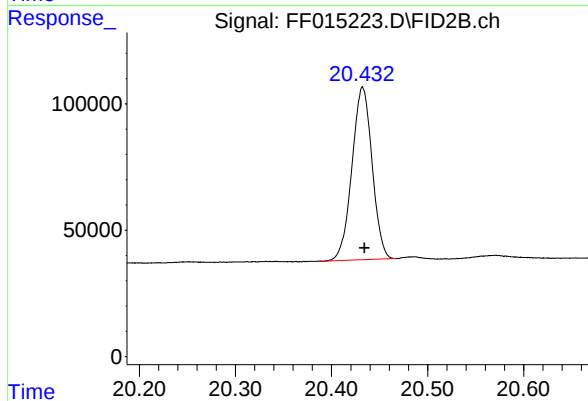
#14 N-DOTRIACONTANE

R.T.: 18.908 min
Delta R.T.: -0.003 min
Response: 1332604
Conc: 10.85 ug/ml



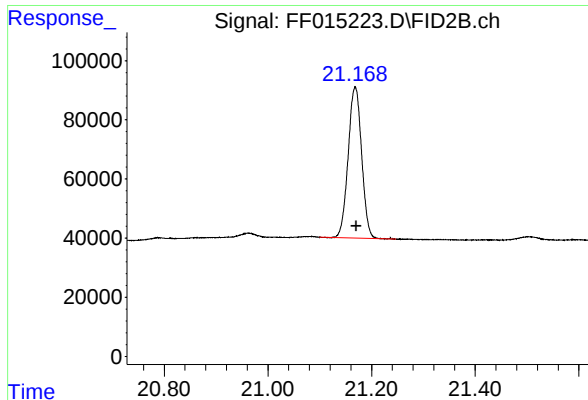
#15 N-TETRATRIACONTANE

R.T.: 19.692 min
Delta R.T.: -0.002 min
Response: 1186558
Conc: 11.07 ug/ml



#16 N-HEXATRIACONTANE

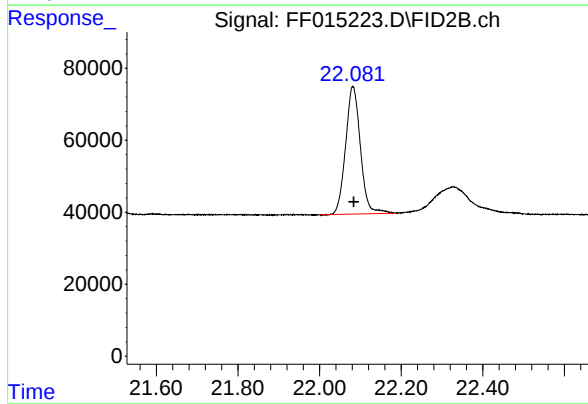
R.T.: 20.432 min
Delta R.T.: -0.002 min
Response: 992679
Conc: 11.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.169 min
Delta R.T.: -0.002 min
Response: 922048
Conc: 11.96 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.081 min
Delta R.T.: -0.002 min
Response: 895474
Conc: 12.33 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015223.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 10:32
Sample : 10 TRPH STD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.037	1.994	2.097	BB	146582	1409071	90.80%	5.821%
2	4.567	4.539	4.604	BB	138870	1406416	90.63%	5.810%
3	6.731	6.695	6.774	BB	140642	1441330	92.88%	5.954%
4	8.556	8.522	8.610	BB	130672	1361743	87.75%	5.625%
5	10.162	10.110	10.210	BB	123770	1380799	88.97%	5.704%
6	11.604	11.547	11.652	BB	131647	1549680	99.86%	6.402%
7	12.914	12.859	12.989	BB	132313	1551896	100.00%	6.411%
8	14.112	14.059	14.165	BB	123588	1536342	99.00%	6.347%
9	15.012	14.959	15.084	BB	99498	1384781	89.23%	5.720%
10	15.216	15.154	15.277	BB	116347	1537280	99.06%	6.350%
11	16.237	16.182	16.295	BB	110473	1487783	95.87%	6.146%
12	17.187	17.125	17.228	BB	105473	1440181	92.80%	5.949%
13	18.075	18.015	18.134	BB	96776	1391000	89.63%	5.746%
14	18.908	18.844	18.977	BB	93293	1332604	85.87%	5.505%
15	19.692	19.630	19.750	BB	77127	1186558	76.46%	4.902%
16	20.432	20.387	20.467	BV	68344	992679	63.97%	4.101%
17	21.169	21.099	21.247	BB	51194	922048	59.41%	3.809%
18	22.081	21.999	22.187	BB	35538	895474	57.70%	3.699%
Sum of corrected areas:						24207662		

FF011425.M Wed Jan 15 00:55:37 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015224.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 11:00
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 14 11:12:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 10:44:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.011	687752	5.319 ug/ml
Target Compounds			
1) N-OCTANE	2.036	680976	5.145 ug/ml
2) N-DECANE	4.566	683007	5.157 ug/ml
3) N-DODECANE	6.730	695655	5.107 ug/ml
4) N-TETRADECANE	8.555	657629	5.046 ug/ml
5) N-HEXADECANE	10.162	674001	5.025 ug/ml
6) N-OCTADECANE	11.603	754642	5.178 ug/ml
7) N-EICOSANE	12.914	757068	5.225 ug/ml
8) N-DOCOSANE	14.112	750425	5.230 ug/ml
10) N-TETRACOSANE	15.215	755711	5.277 ug/ml
11) N-HEXACOSANE	16.237	731778	5.244 ug/ml
12) N-OCTACOSANE	17.188	708462	5.214 ug/ml
13) N-TRIACONTANE	18.075	692119	5.257 ug/ml
14) N-DOTRIACONTANE	18.908	667720	5.324 ug/ml
15) N-TETRATRIACONTANE	19.692	569208	5.172 ug/ml
16) N-HEXATRIACONTANE	20.433	446100	4.919 ug/ml
17) N-OCTATRIACONTANE	21.169	402483	4.975 ug/ml
18) N-TETRACONTANE	22.083	359388	4.676 ug/ml

(f)=RT Delta > 1/2 Window

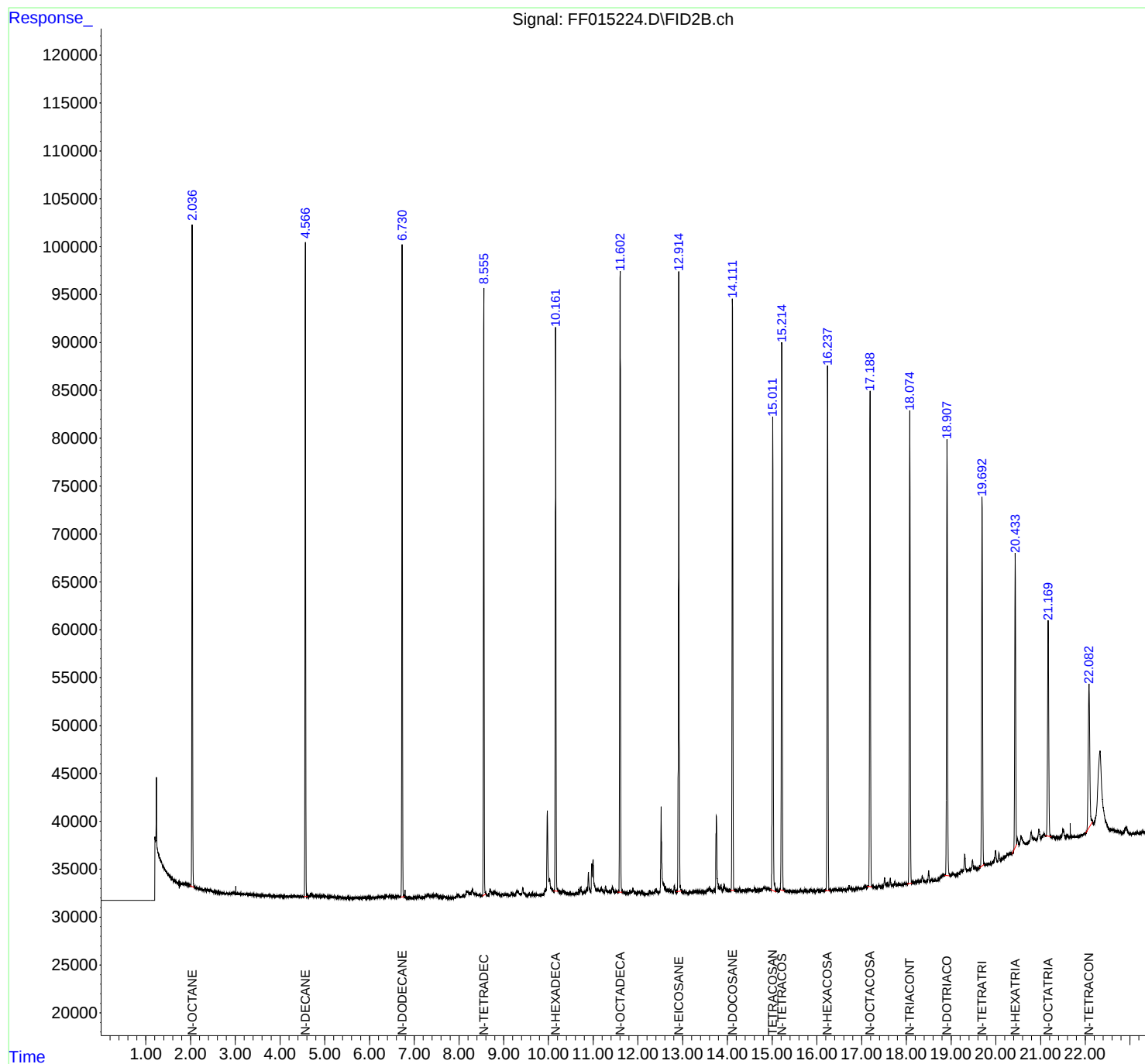
(m)=manual int.

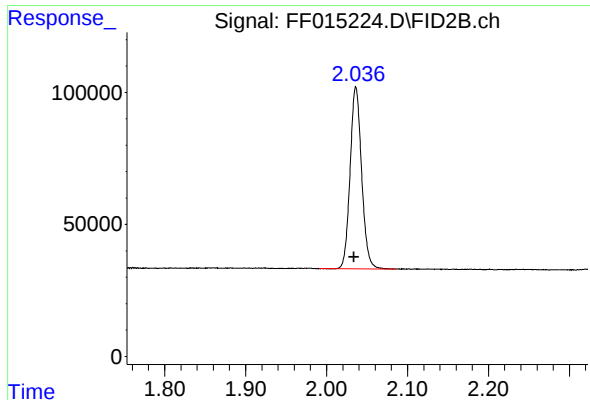
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015224.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 11:00
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Jan 14 11:12:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Quant Title :
QLast Update : Tue Jan 14 10:44:30 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

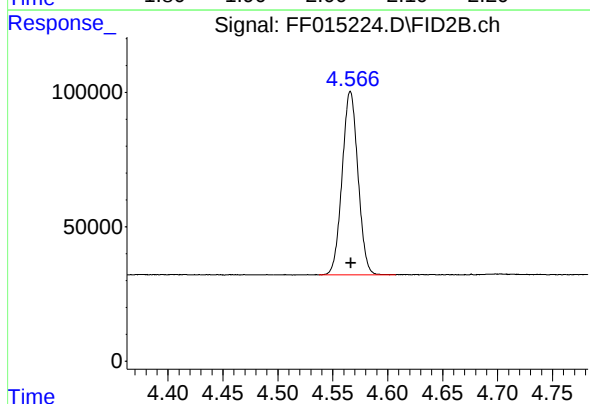




#1 N-OCTANE

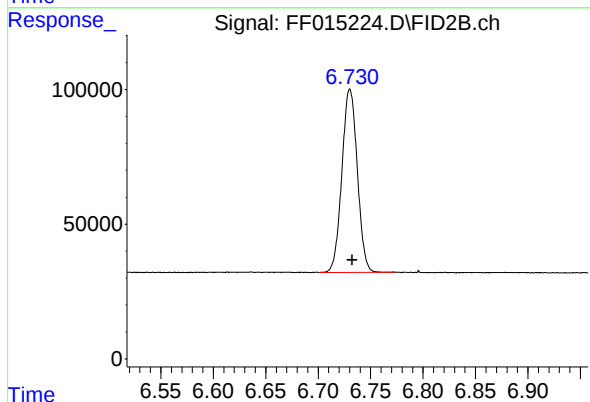
R.T.: 2.036 min
Delta R.T.: 0.002 min
Response: 680976
Conc: 5.15 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



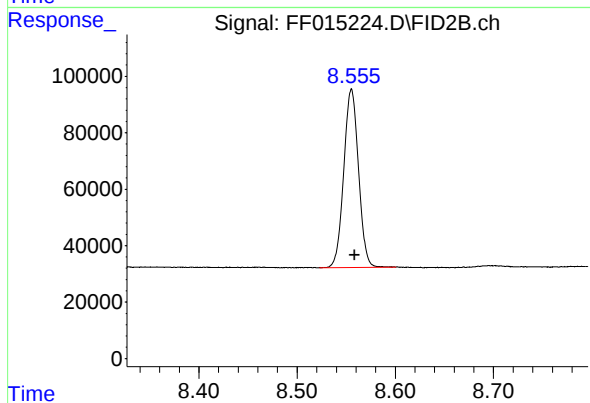
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 683007
Conc: 5.16 ug/ml



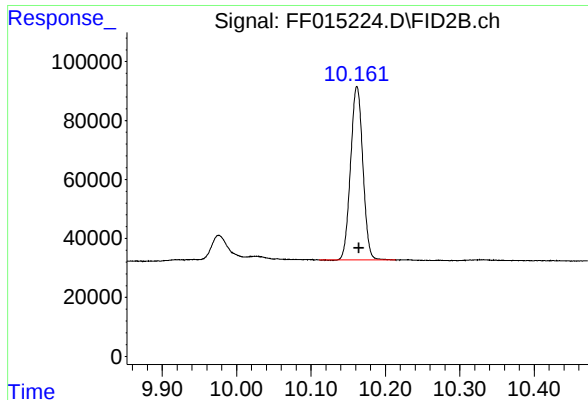
#3 N-DODECANE

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 695655
Conc: 5.11 ug/ml



#4 N-TETRADECANE

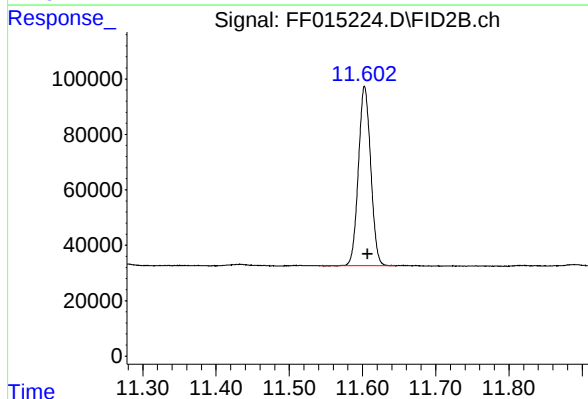
R.T.: 8.555 min
Delta R.T.: -0.003 min
Response: 657629
Conc: 5.05 ug/ml



#5 N-HEXADECANE

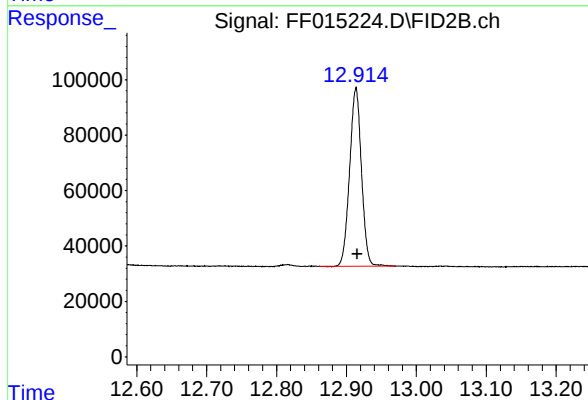
R.T.: 10.162 min
Delta R.T.: -0.003 min
Response: 674001
Conc: 5.03 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



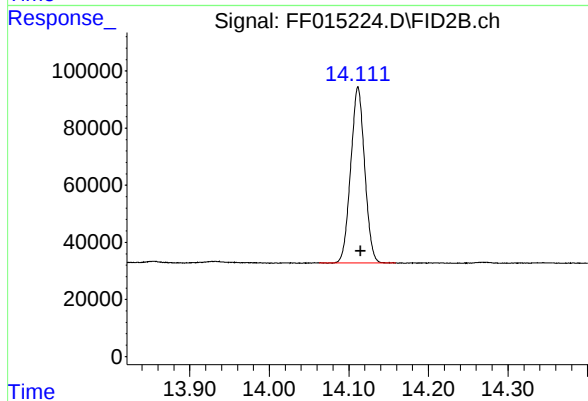
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: -0.004 min
Response: 754642
Conc: 5.18 ug/ml



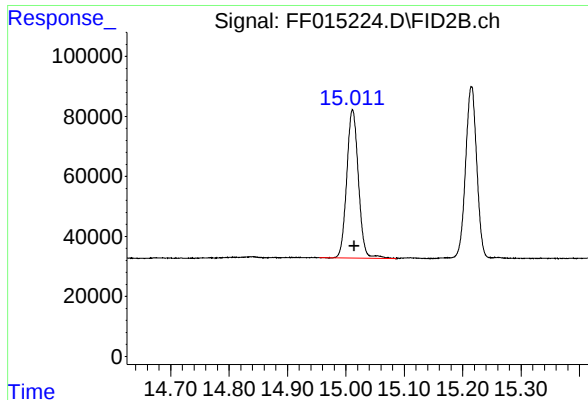
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.002 min
Response: 757068
Conc: 5.22 ug/ml



#8 N-DOCOSANE

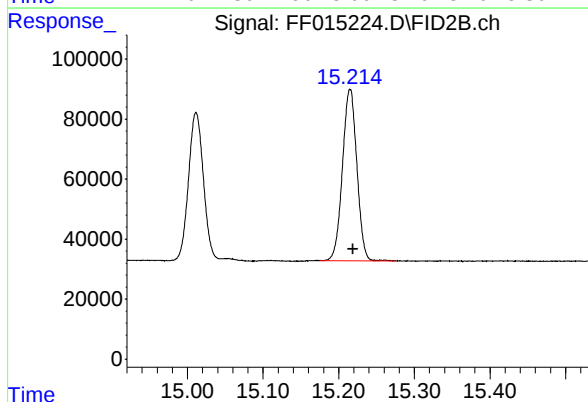
R.T.: 14.112 min
Delta R.T.: -0.003 min
Response: 750425
Conc: 5.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

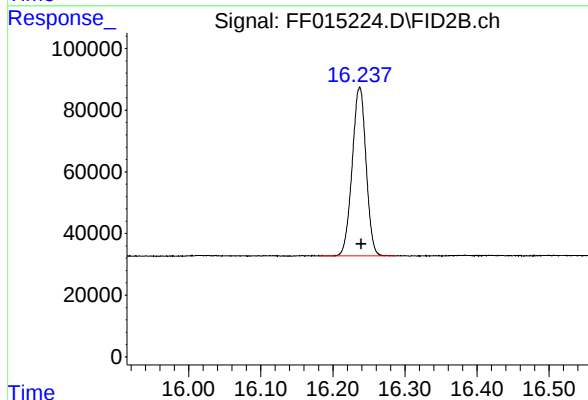
R.T.: 15.011 min
Delta R.T.: -0.003 min
Response: 687752
Conc: 5.32 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



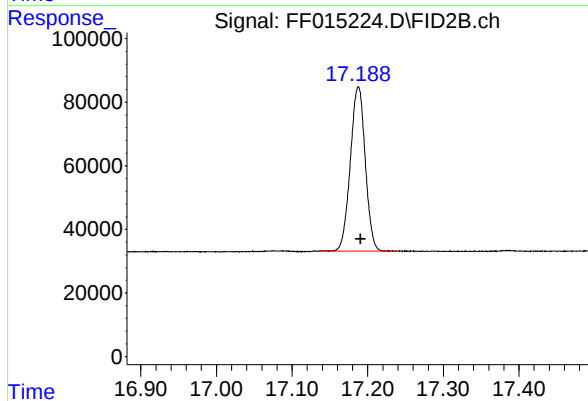
#10 N-TETRACOSANE

R.T.: 15.215 min
Delta R.T.: -0.004 min
Response: 755711
Conc: 5.28 ug/ml



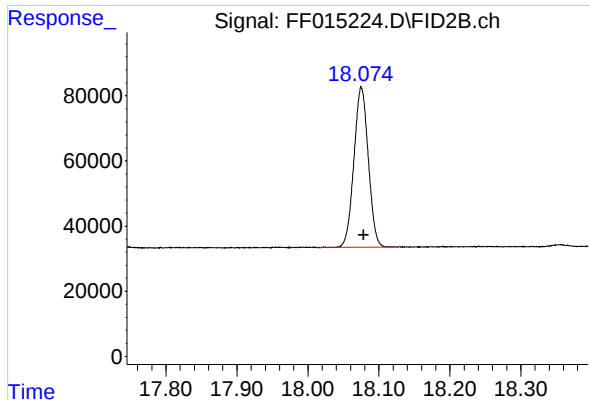
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: -0.002 min
Response: 731778
Conc: 5.24 ug/ml



#12 N-OCTACOSANE

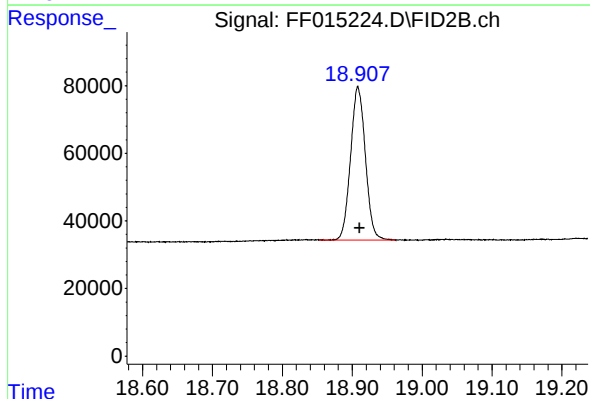
R.T.: 17.188 min
Delta R.T.: -0.003 min
Response: 708462
Conc: 5.21 ug/ml



#13 N-TRIACONTANE

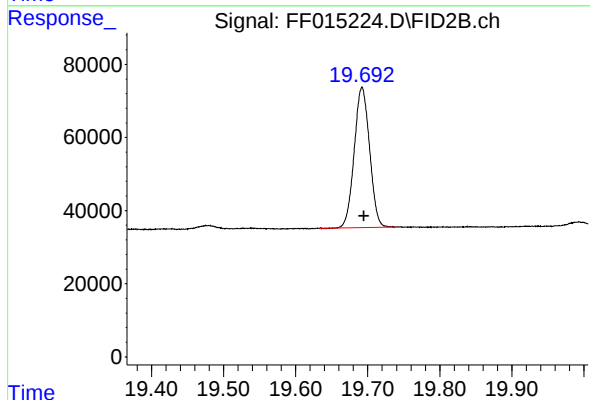
R.T.: 18.075 min
Delta R.T.: -0.003 min
Response: 692119
Conc: 5.26 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



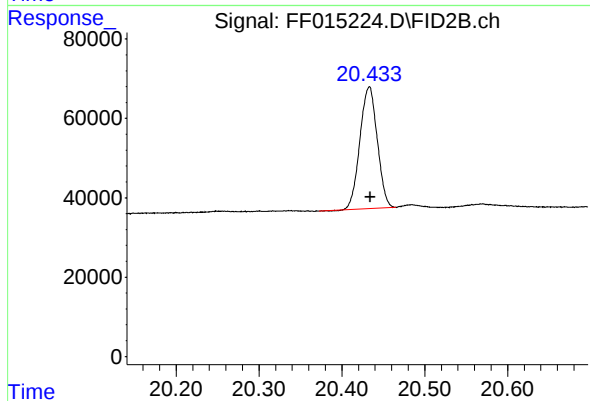
#14 N-DOTRIACONTANE

R.T.: 18.908 min
Delta R.T.: -0.003 min
Response: 667720
Conc: 5.32 ug/ml



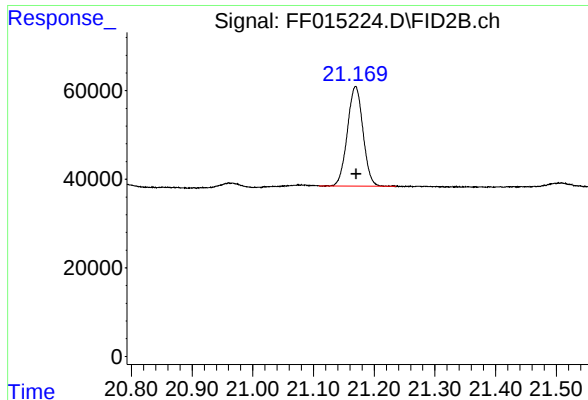
#15 N-TETRATRIACONTANE

R.T.: 19.692 min
Delta R.T.: -0.002 min
Response: 569208
Conc: 5.17 ug/ml



#16 N-HEXATRIACONTANE

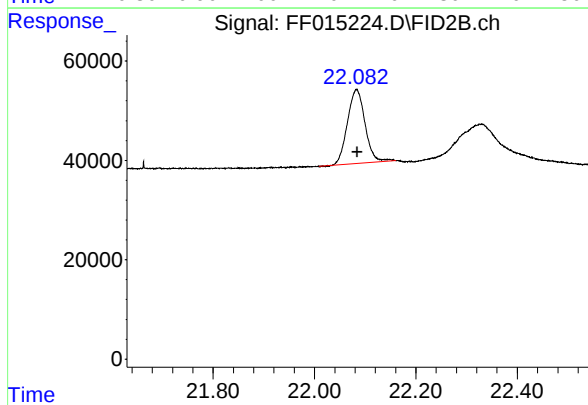
R.T.: 20.433 min
Delta R.T.: -0.001 min
Response: 446100
Conc: 4.92 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.169 min
Delta R.T.: 0.000 min
Response: 402483
Conc: 4.98 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.083 min
Delta R.T.: 0.000 min
Response: 359388
Conc: 4.68 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015224.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 11:00
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.036	1.991	2.086	BB	68984	680976	89.95%	5.833%
2	4.566	4.537	4.607	BB	68282	683007	90.22%	5.851%
3	6.730	6.701	6.774	BB	68074	695655	91.89%	5.959%
4	8.555	8.522	8.601	BB	63215	657629	86.87%	5.633%
5	10.162	10.111	10.214	BB	58865	674001	89.03%	5.773%
6	11.603	11.541	11.646	BB	64831	754642	99.68%	6.464%
7	12.914	12.861	12.971	BB	64672	757068	100.00%	6.485%
8	14.112	14.062	14.159	BB	61604	750425	99.12%	6.428%
9	15.011	14.954	15.086	BB	49417	687752	90.84%	5.891%
10	15.215	15.174	15.276	BB	57148	755711	99.82%	6.473%
11	16.237	16.181	16.287	BB	54707	731778	96.66%	6.268%
12	17.188	17.136	17.237	BB	51704	708462	93.58%	6.069%
13	18.075	18.016	18.124	BB	49004	692119	91.42%	5.929%
14	18.908	18.852	18.962	BB	45333	667720	88.20%	5.720%
15	19.692	19.632	19.739	BB	38468	569208	75.19%	4.876%
16	20.433	20.372	20.465	BV	30642	446100	58.92%	3.821%
17	21.169	21.109	21.236	BB	22529	402483	53.16%	3.448%
18	22.083	22.009	22.161	BB	14977	359388	47.47%	3.079%
Sum of corrected areas:						11674124		

FF011425.M Wed Jan 15 00:58:18 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
 Data File : FF015225.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 11:29
 Operator : YP\AJ
 Sample : FF011425ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 FF011425ICV

Integration File: autoint1.e
 Quant Time: Jan 14 11:40:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.016	5961169	45.524 ug/ml
Target Compounds			
1) N-OCTANE	2.035	6112886	45.919 ug/ml
2) N-DECANE	4.568	6129033	45.992 ug/ml
3) N-DODECANE	6.733	6337399	46.329 ug/ml
4) N-TETRADECANE	8.559	6164454	47.210 ug/ml
5) N-HEXADECANE	10.165	6386176	47.567 ug/ml
6) N-OCTADECANE	11.608	6766165	46.095 ug/ml
7) N-EICOSANE	12.918	6686678	45.737 ug/ml
8) N-DOCOSANE	14.115	6617164	45.699 ug/ml
10) N-TETRACOSANE	15.219	6595993	45.552 ug/ml
11) N-HEXACOSANE	16.240	6436771	45.681 ug/ml
12) N-OCTACOSANE	17.192	6278722	45.815 ug/ml
13) N-TRIACONTANE	18.078	6088905	45.778 ug/ml
14) N-DOTRIACONTANE	18.913	5856309	46.100 ug/ml
15) N-TETRATRIACONTANE	19.697	5068570	45.741 ug/ml
16) N-HEXATRIACONTANE	20.435	4198058	46.441 ug/ml
17) N-OCTATRIACONTANE	21.172	3691384	45.678 ug/ml
18) N-TETRACONTANE	22.087	3681961	48.539 ug/ml

(f)=RT Delta > 1/2 Window

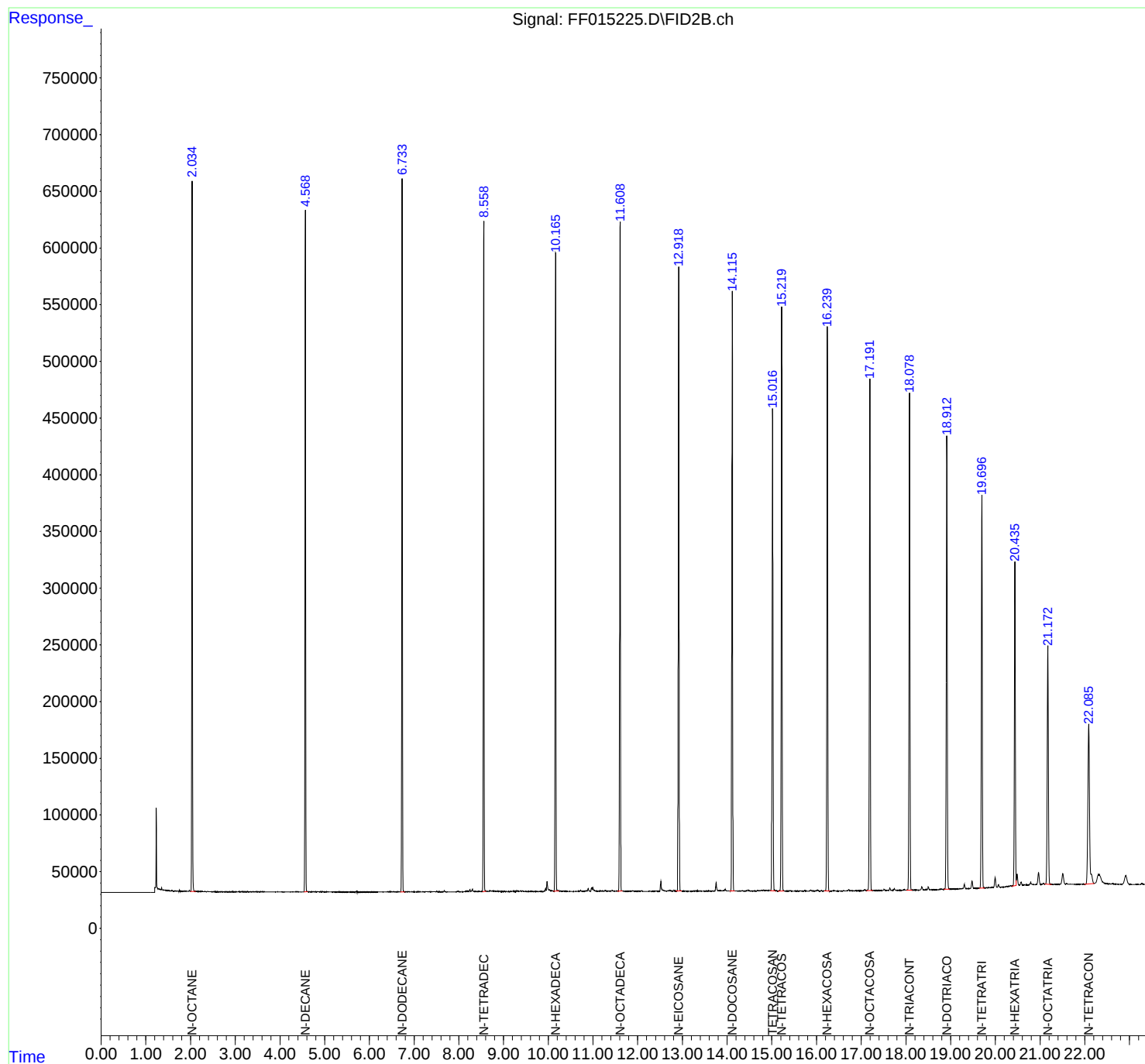
(m)=manual int.

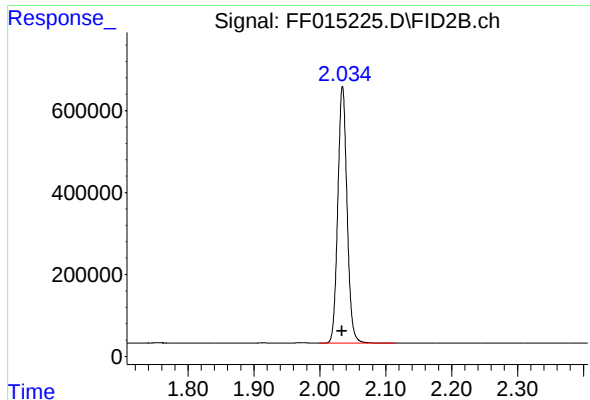
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015225.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 11:29
Operator : YP\AJ
Sample : FF011425ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
FF011425ICV

Integration File: autoint1.e
Quant Time: Jan 14 11:40:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Quant Title :
QLast Update : Tue Jan 14 11:12:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

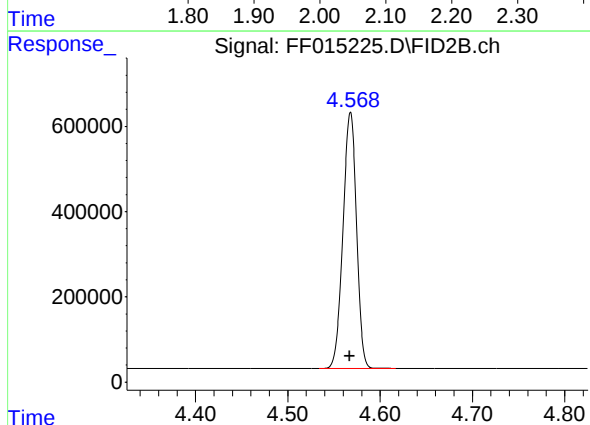




#1 N-OCTANE

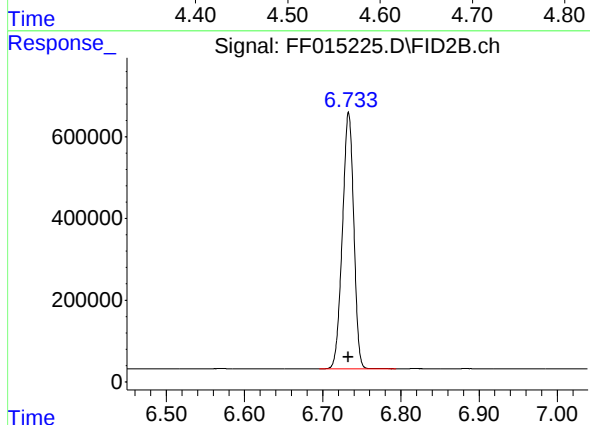
R.T.: 2.035 min
Delta R.T.: 0.000 min
Response: 6112886
Conc: 45.92 ug/ml

Instrument :
FID_F
ClientSampleId :
FF011425ICV



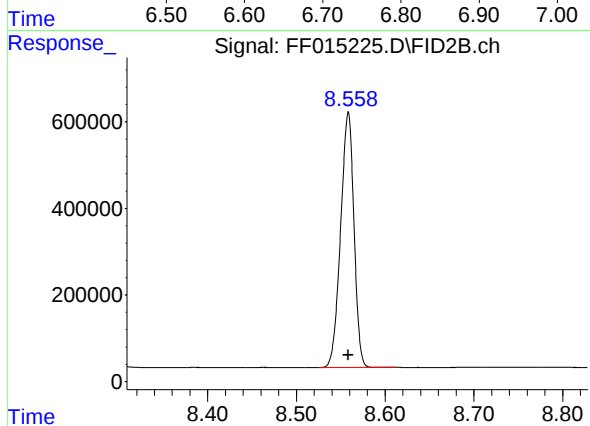
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 6129033
Conc: 45.99 ug/ml



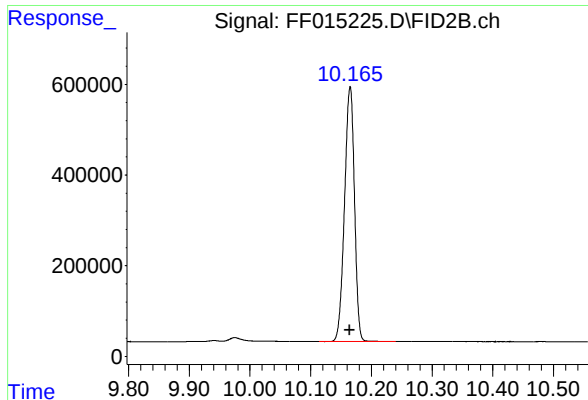
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 6337399
Conc: 46.33 ug/ml



#4 N-TETRADECANE

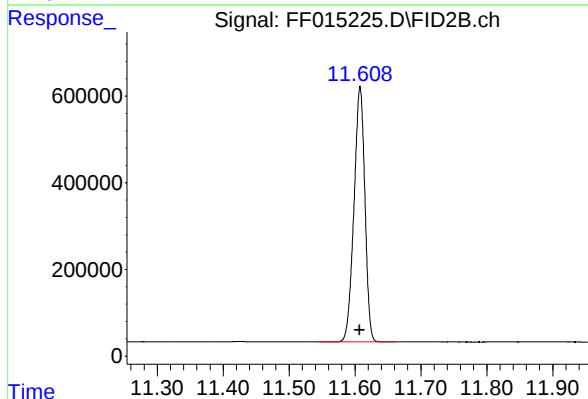
R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 6164454
Conc: 47.21 ug/ml



#5 N-HEXADECANE

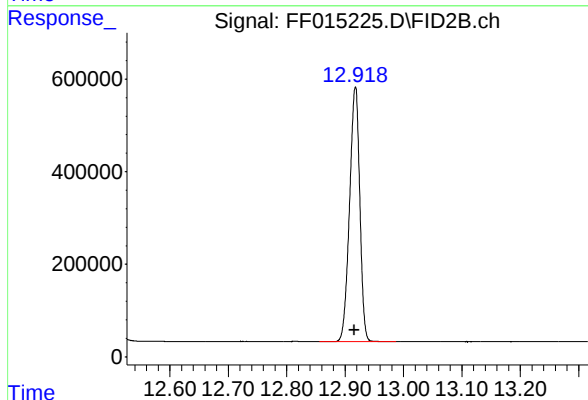
R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 6386176
Conc: 47.57 ug/ml

Instrument :
FID_F
ClientSampleId :
FF011425ICV



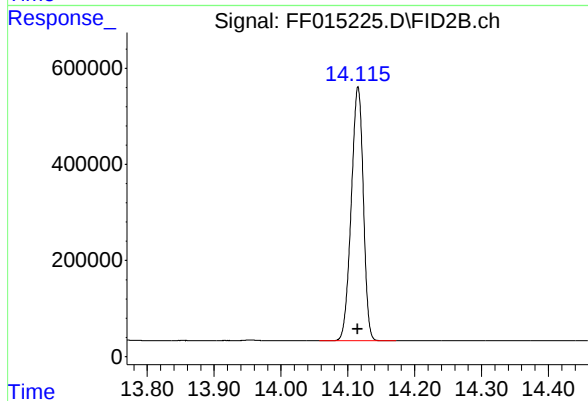
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 6766165
Conc: 46.09 ug/ml



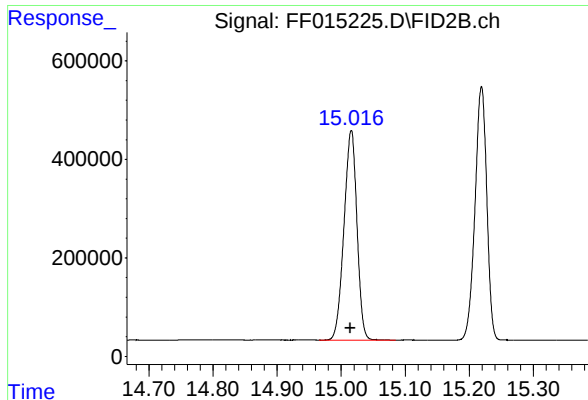
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: 0.002 min
Response: 6686678
Conc: 45.74 ug/ml



#8 N-DOCOSANE

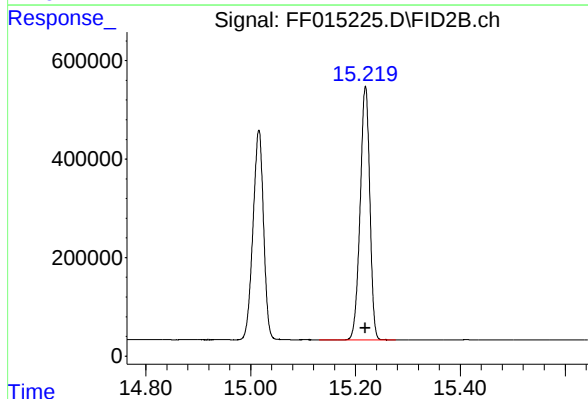
R.T.: 14.115 min
Delta R.T.: 0.000 min
Response: 6617164
Conc: 45.70 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

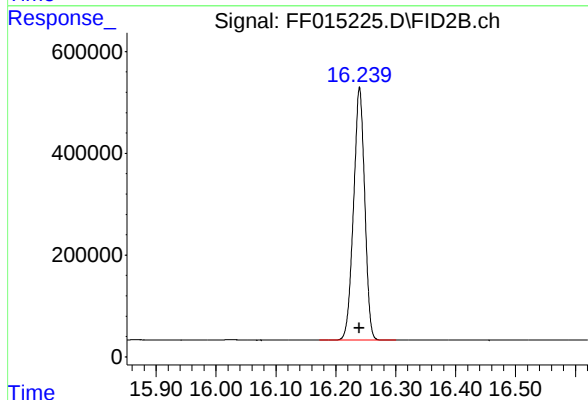
R.T.: 15.016 min
Delta R.T.: 0.001 min
Response: 5961169
Conc: 45.52 ug/ml

Instrument :
FID_F
ClientSampleId :
FF011425ICV



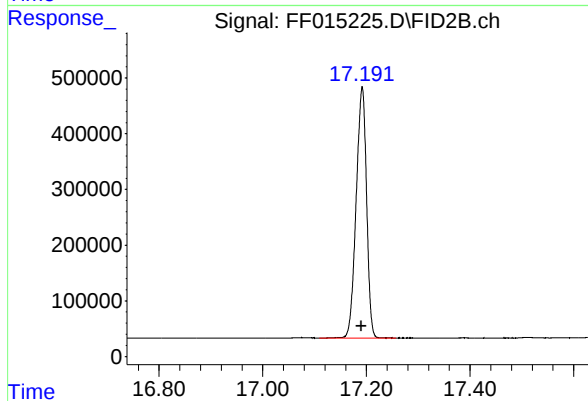
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 6595993
Conc: 45.55 ug/ml



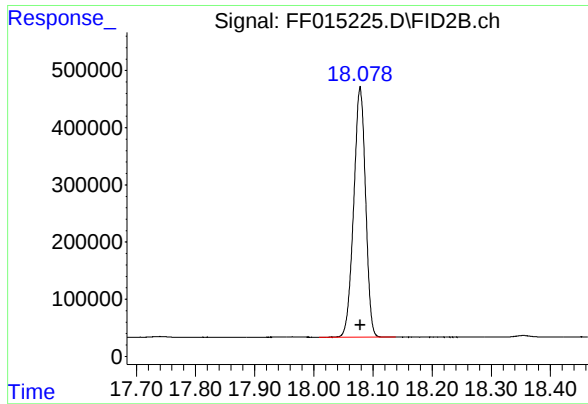
#11 N-HEXACOSANE

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 6436771
Conc: 45.68 ug/ml



#12 N-OCTACOSANE

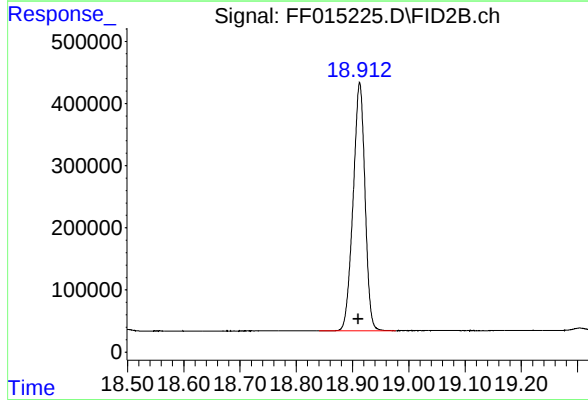
R.T.: 17.192 min
Delta R.T.: 0.001 min
Response: 6278722
Conc: 45.82 ug/ml



#13 N-TRIACONTANE

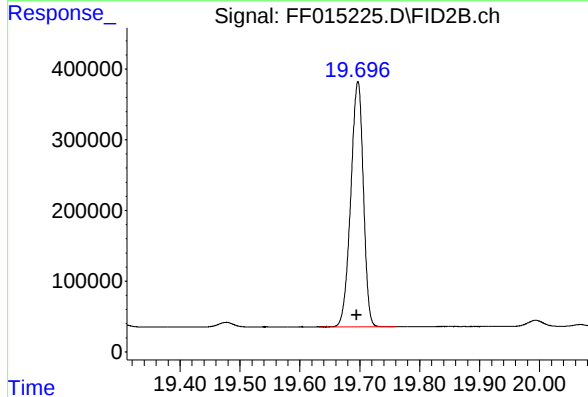
R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 6088905
Conc: 45.78 ug/ml

Instrument :
FID_F
ClientSampleId :
FF011425ICV



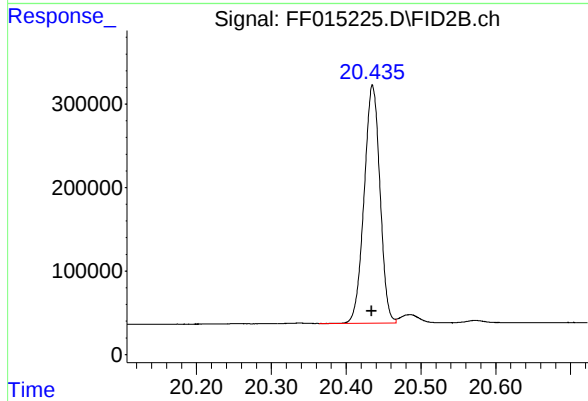
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: 0.002 min
Response: 5856309
Conc: 46.10 ug/ml



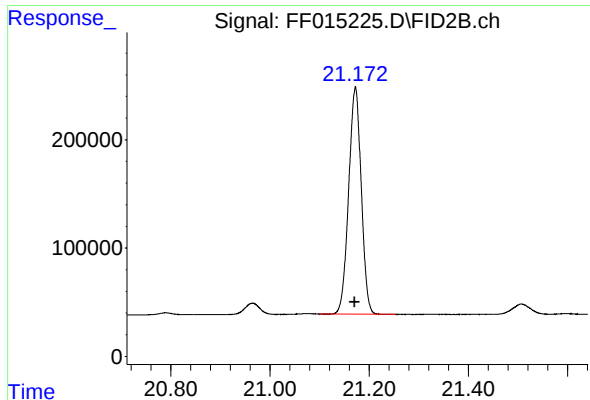
#15 N-TETRATRIACONTANE

R.T.: 19.697 min
Delta R.T.: 0.002 min
Response: 5068570
Conc: 45.74 ug/ml



#16 N-HEXATRIACONTANE

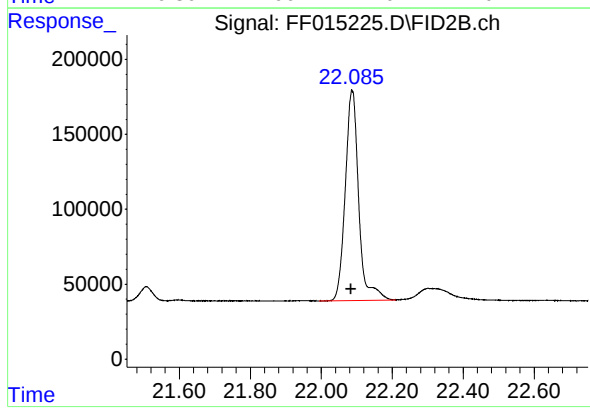
R.T.: 20.435 min
Delta R.T.: 0.001 min
Response: 4198058
Conc: 46.44 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.172 min
Delta R.T.: 0.002 min
Response: 3691384
Conc: 45.68 ug/ml

Instrument :
FID_F
ClientSampleId :
FF011425ICV



#18 N-TETRACONTANE

R.T.: 22.087 min
Delta R.T.: 0.003 min
Response: 3681961
Conc: 48.54 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425\
Data File : FF015225.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 11:29
Sample : FF011425ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.035	1.999	2.115	BB	627211	6112886	90.34%	5.819%
2	4.568	4.534	4.617	BB	602563	6129033	90.58%	5.834%
3	6.733	6.695	6.794	BB	626214	6337399	93.66%	6.032%
4	8.559	8.525	8.612	BB	591574	6164454	91.11%	5.868%
5	10.165	10.114	10.240	BB	563558	6386176	94.38%	6.079%
6	11.608	11.545	11.662	BB	587961	6766165	100.00%	6.440%
7	12.918	12.855	12.987	BB	550286	6686678	98.83%	6.365%
8	14.115	14.057	14.172	BB	528613	6617164	97.80%	6.299%
9	15.016	14.965	15.085	BV	425883	5961169	88.10%	5.674%
10	15.219	15.130	15.277	BB	514990	6595993	97.48%	6.278%
11	16.240	16.172	16.300	BB	497639	6436771	95.13%	6.127%
12	17.192	17.109	17.257	BB	451415	6278722	92.80%	5.976%
13	18.078	18.009	18.139	BB	438361	6088905	89.99%	5.796%
14	18.913	18.840	18.977	BB	399317	5856309	86.55%	5.574%
15	19.697	19.632	19.760	BB	346682	5068570	74.91%	4.825%
16	20.435	20.364	20.467	BV	285298	4198058	62.04%	3.996%
17	21.172	21.099	21.254	BB	210131	3691384	54.56%	3.514%
18	22.087	21.994	22.210	BV	139557	3681961	54.42%	3.505%
Sum of corrected areas:						105057796		

FF011425.M Wed Jan 15 00:57:35 2025