

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ALLI03
 ProjectID: NJ Waste Water PT
 Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502

Calibration Sequence : FG030325		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	114833486	114833	FG015426.D
500	55962401	111925	FG015427.D
200	22632021	113160	FG015428.D
100	12261744	122617	FG015429.D
50	6347567	126951	FG015430.D
AVG RF : 117897		% RSD : 5.558	AVG RT : 15.0338

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015426.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 11:48
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 03 12:50:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 12:48:04 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...	15.039	10644030	100.716 ug/ml
Target Compounds			
1) N-OCTANE	1.995	10570364	103.119 ug/ml
2) N-DECANE	4.536	10810569	102.952 ug/ml
3) N-DODECANE	6.720	11332975	102.511 ug/ml
4) N-TETRADECANE	8.557	11220922	101.787 ug/ml
5) N-HEXADECANE	10.172	11555168	101.197 ug/ml
6) N-OCTADECANE	11.620	12045869	100.858 ug/ml
7) N-EICOSANE	12.935	11845392	100.680 ug/ml
8) N-DOCOSANE	14.137	11716478	100.626 ug/ml
10) N-TETRACOSANE	15.245	11661357	100.709 ug/ml
11) N-HEXACOSANE	16.269	11454493	100.917 ug/ml
12) N-OCTACOSANE	17.221	11190263	100.825 ug/ml
13) N-TRIACONTANE	18.110	11049270	100.552 ug/ml
14) N-DOTRIACONTANE	18.944	10781202	100.377 ug/ml
15) N-TETRATRIACONTANE	19.729	9934114	100.333 ug/ml
16) N-HEXATRIACONTANE	20.469	8727944	101.027 ug/ml
17) N-OCTATRIACONTANE	21.214	7669375	100.324 ug/ml
18) N-TETRACONTANE	22.146	6527484	99.312 ug/ml

(f)=RT Delta > 1/2 Window

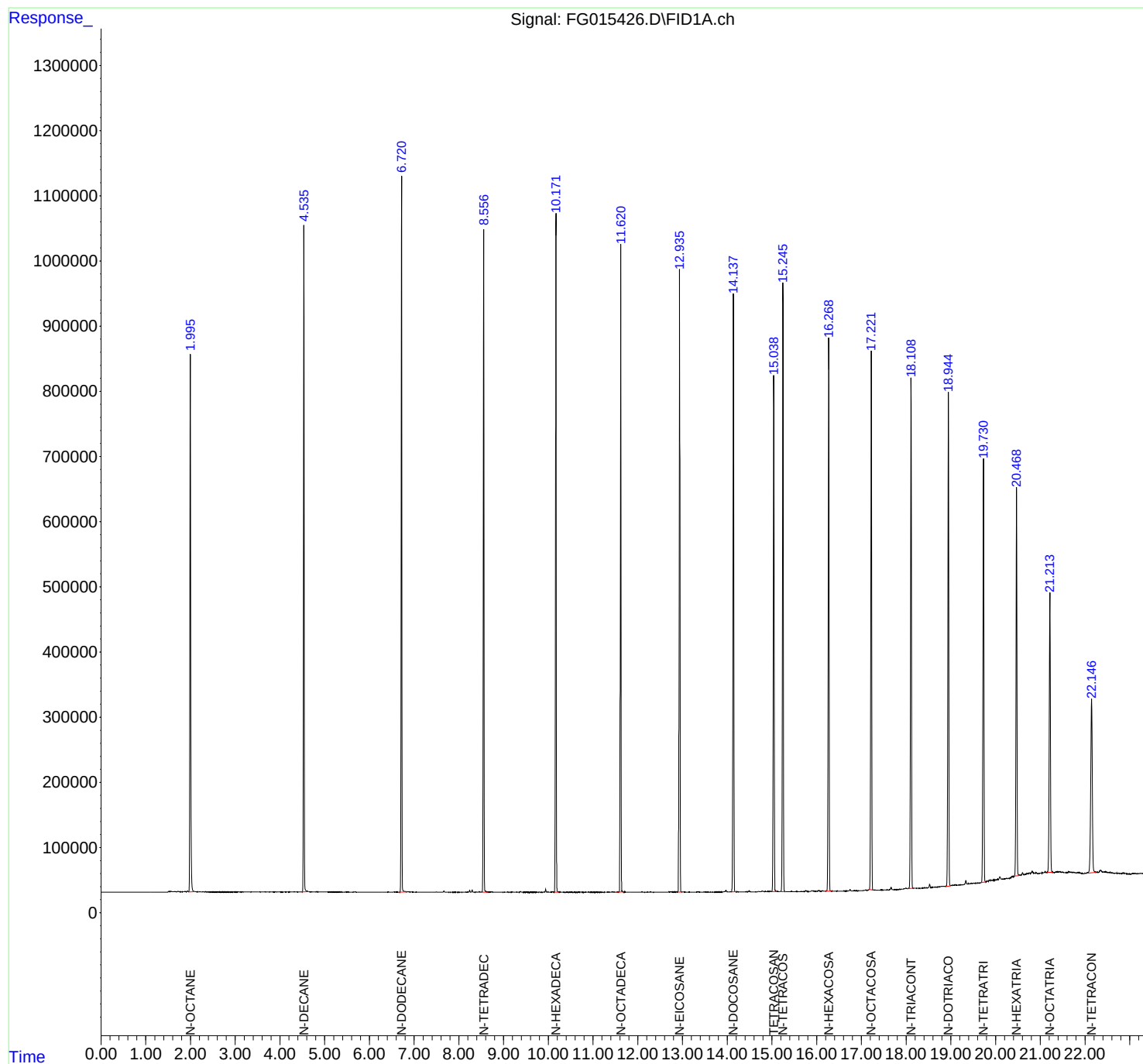
(m)=manual int.

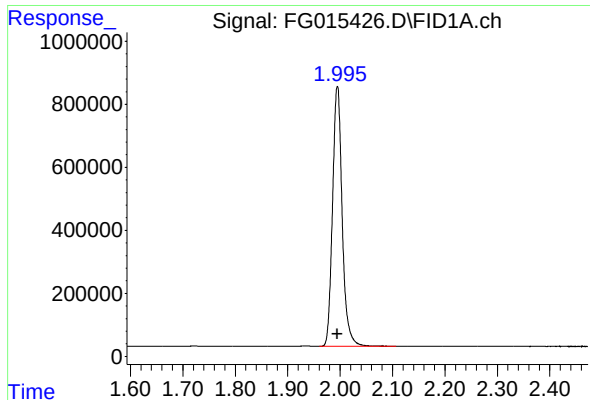
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015426.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 11:48
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 03 12:50:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 12:48:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

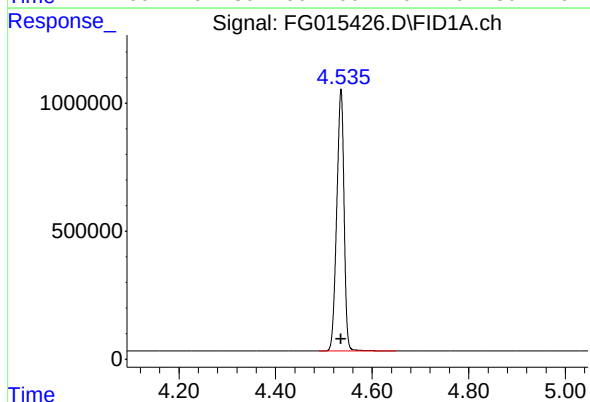




#1 N-OCTANE

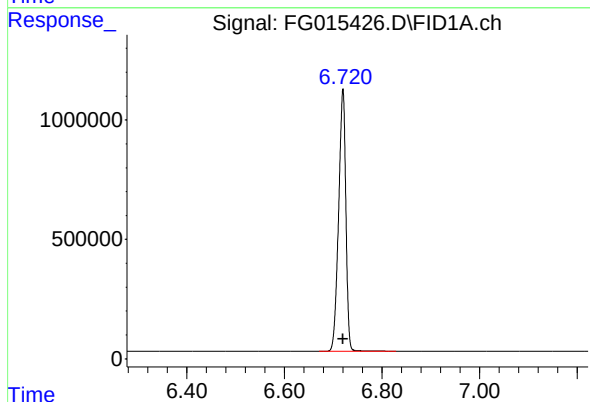
R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 10570364
Conc: 103.12 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



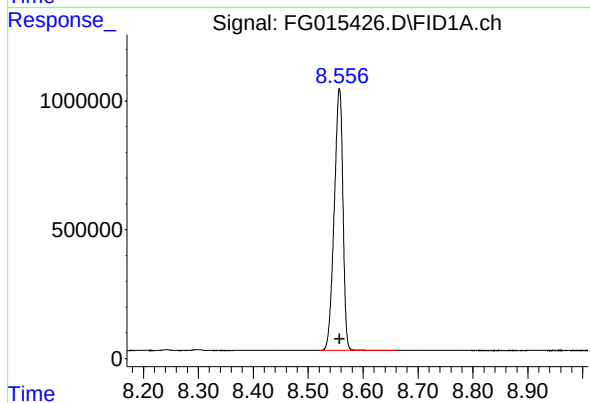
#2 N-DECANE

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 10810569
Conc: 102.95 ug/ml



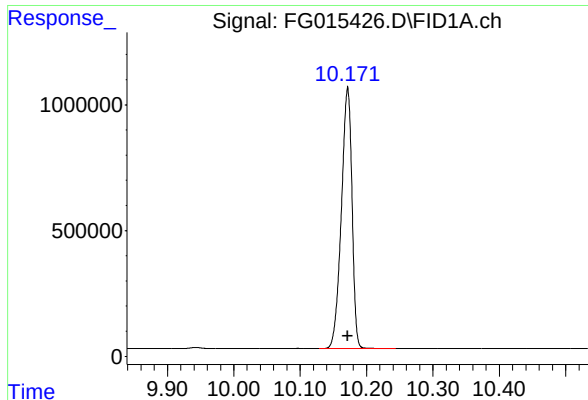
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 11332975
Conc: 102.51 ug/ml



#4 N-TETRADECANE

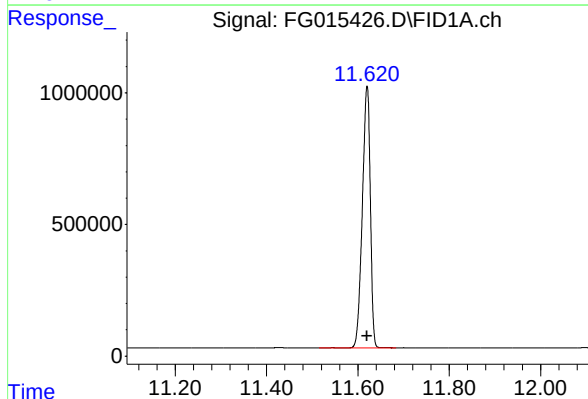
R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 11220922
Conc: 101.79 ug/ml



#5 N-HEXADECANE

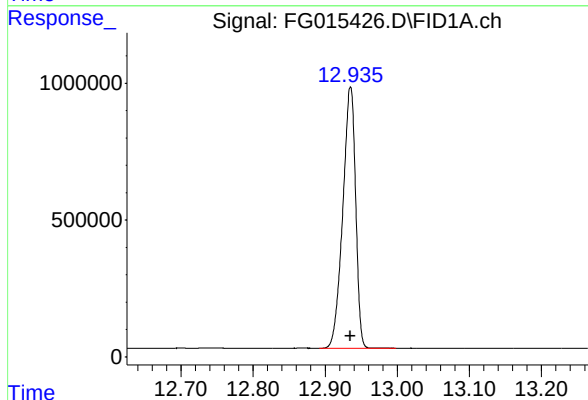
R.T.: 10.172 min
Delta R.T.: 0.000 min
Response: 11555168
Conc: 101.20 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



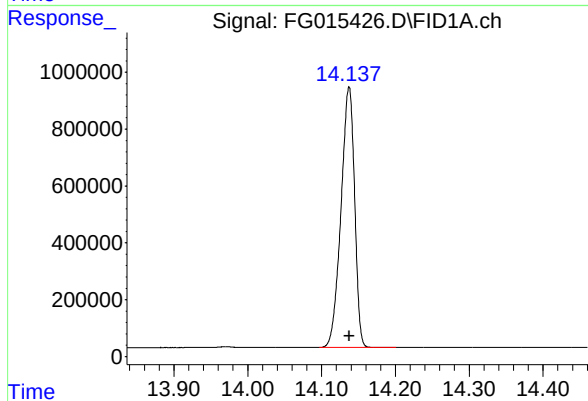
#6 N-OCTADECANE

R.T.: 11.620 min
Delta R.T.: 0.000 min
Response: 12045869
Conc: 100.86 ug/ml



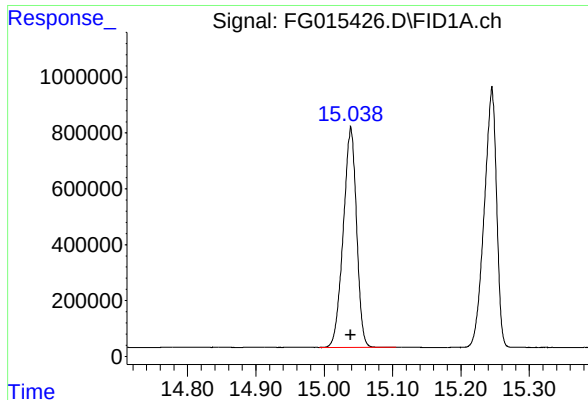
#7 N-EICOSANE

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 11845392
Conc: 100.68 ug/ml



#8 N-DOCOSANE

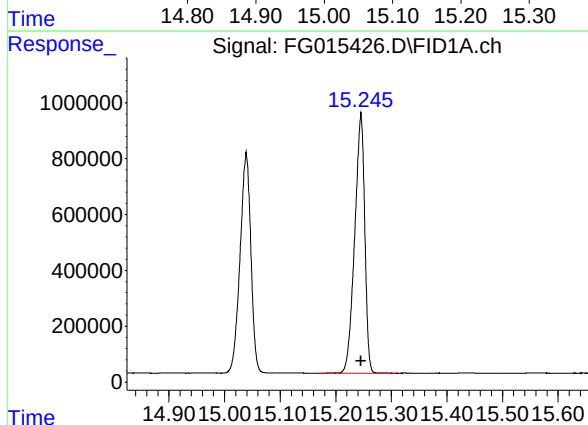
R.T.: 14.137 min
Delta R.T.: 0.000 min
Response: 11716478
Conc: 100.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

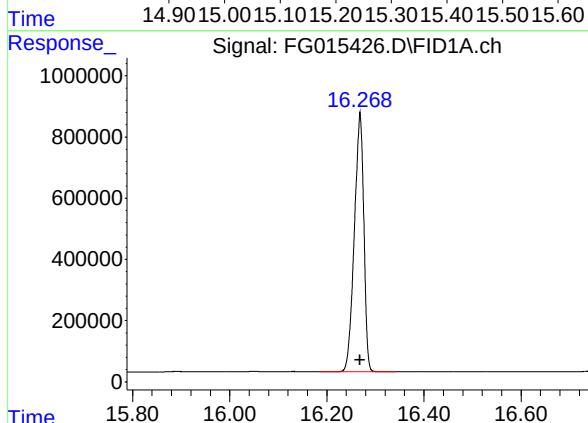
R.T.: 15.039 min
Delta R.T.: 0.000 min
Response: 10644030
Conc: 100.72 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



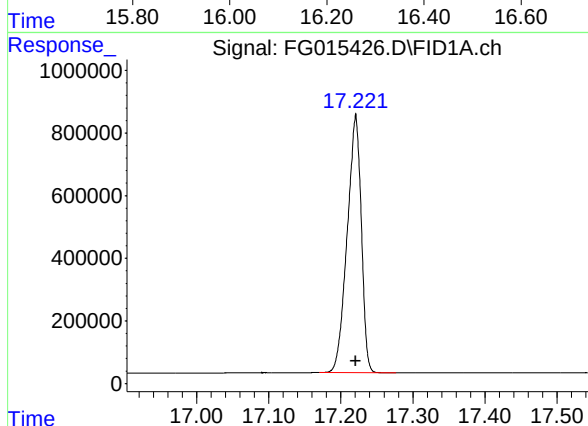
#10 N-TETRACOSANE

R.T.: 15.245 min
Delta R.T.: 0.000 min
Response: 11661357
Conc: 100.71 ug/ml



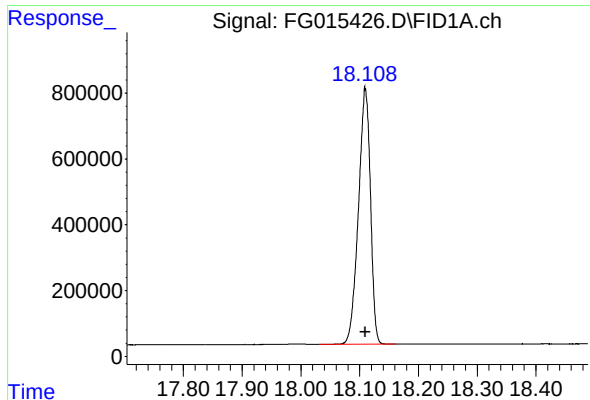
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 11454493
Conc: 100.92 ug/ml



#12 N-OCTACOSANE

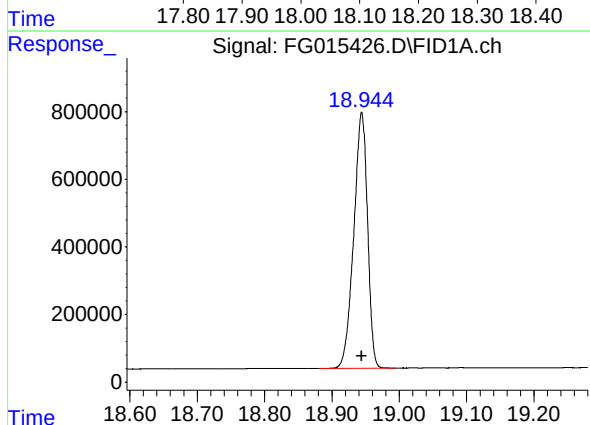
R.T.: 17.221 min
Delta R.T.: 0.000 min
Response: 11190263
Conc: 100.83 ug/ml



#13 N-TRIACONTANE

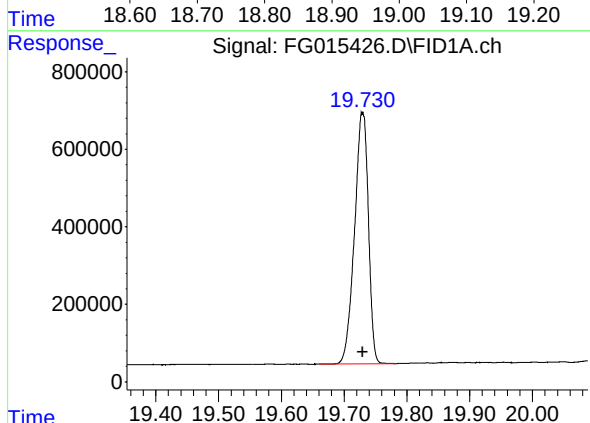
R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 11049270
Conc: 100.55 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



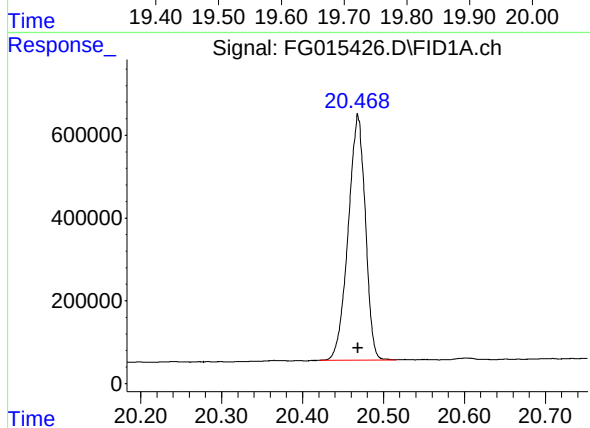
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: 0.000 min
Response: 10781202
Conc: 100.38 ug/ml



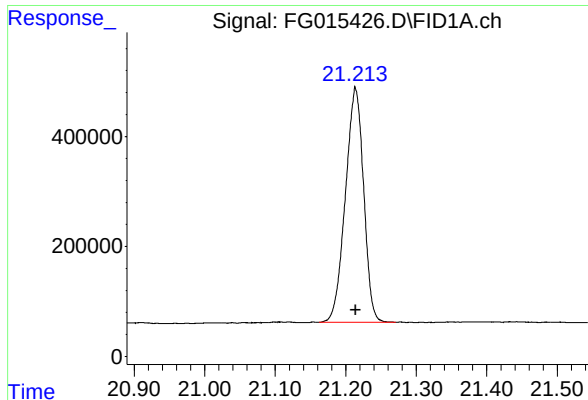
#15 N-TETRATRIACONTANE

R.T.: 19.729 min
Delta R.T.: 0.000 min
Response: 9934114
Conc: 100.33 ug/ml



#16 N-HEXATRIACONTANE

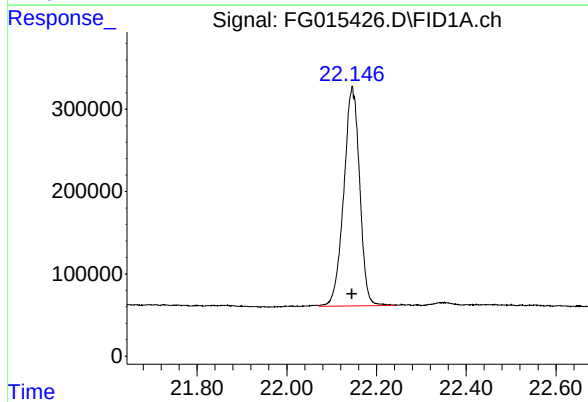
R.T.: 20.469 min
Delta R.T.: 0.000 min
Response: 8727944
Conc: 101.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 7669375
Conc: 100.32 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 6527484
Conc: 99.31 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015426.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 11:48
Sample : 100 TRPH STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.995	1.960	2.107	PB	824685	10570364	87.75%	5.542%
2	4.536	4.490	4.649	BB	1023315	10810569	89.75%	5.668%
3	6.720	6.671	6.828	BB	1099122	11332975	94.08%	5.942%
4	8.557	8.520	8.660	PB	1015491	11220922	93.15%	5.883%
5	10.172	10.128	10.244	BB	1041311	11555168	95.93%	6.058%
6	11.620	11.515	11.683	BB	993778	12045869	100.00%	6.315%
7	12.935	12.892	12.998	BB	954452	11845392	98.34%	6.210%
8	14.137	14.097	14.201	BB	916085	11716478	97.27%	6.143%
9	15.039	14.993	15.105	PV	789178	10644030	88.36%	5.580%
10	15.245	15.170	15.308	BB	934895	11661357	96.81%	6.114%
11	16.269	16.184	16.343	BB	847276	11454493	95.09%	6.005%
12	17.221	17.170	17.277	BV	825865	11190263	92.90%	5.867%
13	18.110	18.031	18.162	BB	775654	11049270	91.73%	5.793%
14	18.944	18.881	18.995	BV	758070	10781202	89.50%	5.652%
15	19.729	19.660	19.783	BV	646136	9934114	82.47%	5.208%
16	20.469	20.420	20.515	BV	589815	8727944	72.46%	4.576%
17	21.214	21.162	21.271	PV	427171	7669375	63.67%	4.021%
18	22.146	22.072	22.243	VV	266333	6527484	54.19%	3.422%
Sum of corrected areas:						190737268		

FG030325.M Tue Mar 04 04:34:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015427.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 12:17
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 03 12:48:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 12:48:04 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...	15.035	5246382	50.000 ug/ml
Target Compounds			
1) N-OCTANE	1.994	4965506	50.000 ug/ml
2) N-DECANE	4.533	5095283	50.000 ug/ml
3) N-DODECANE	6.717	5388928	50.000 ug/ml
4) N-TETRADECANE	8.553	5413479	50.000 ug/ml
5) N-HEXADECANE	10.168	5640871	50.000 ug/ml
6) N-OCTADECANE	11.616	5920415	50.000 ug/ml
7) N-EICOSANE	12.930	5842747	50.000 ug/ml
8) N-DOCOSANE	14.132	5785353	50.000 ug/ml
10) N-TETRACOSANE	15.240	5748589	50.000 ug/ml
11) N-HEXACOSANE	16.263	5623200	50.000 ug/ml
12) N-OCTACOSANE	17.216	5503536	50.000 ug/ml
13) N-TRIACONTANE	18.106	5464008	50.000 ug/ml
14) N-DOTRIACONTANE	18.940	5350108	50.000 ug/ml
15) N-TETRATRIACONTANE	19.725	4934105	50.000 ug/ml
16) N-HEXATRIACONTANE	20.464	4275212	50.000 ug/ml
17) N-OCTATRIACONTANE	21.211	3809914	50.000 ug/ml
18) N-TETRACONTANE	22.141	3308945	50.000 ug/ml

(f)=RT Delta > 1/2 Window

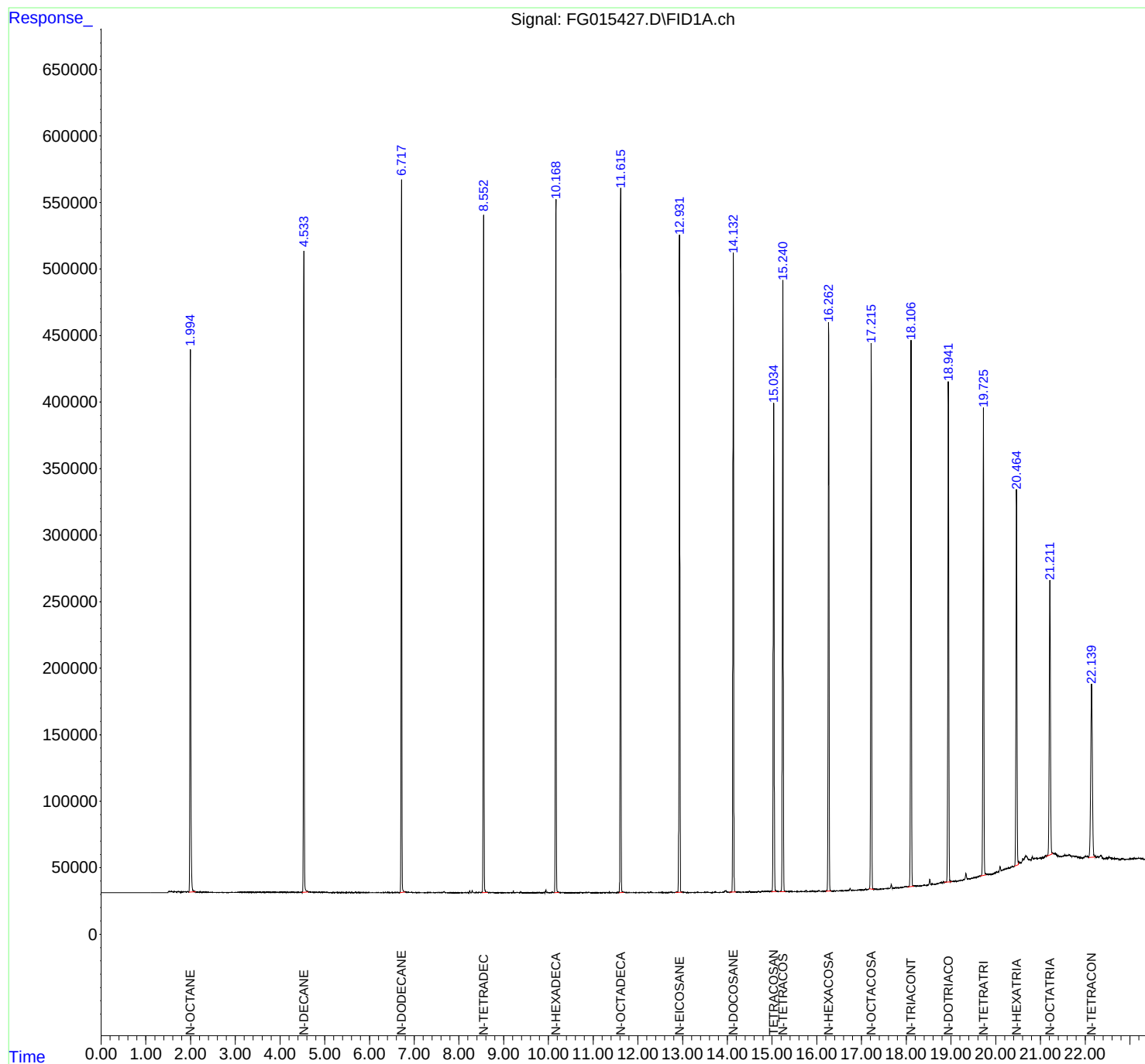
(m)=manual int.

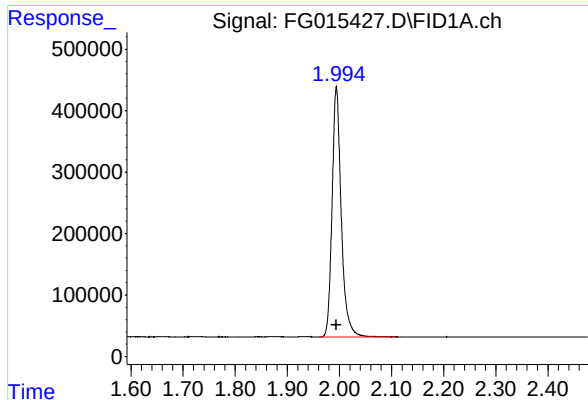
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015427.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 12:17
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 03 12:48:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 12:48:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

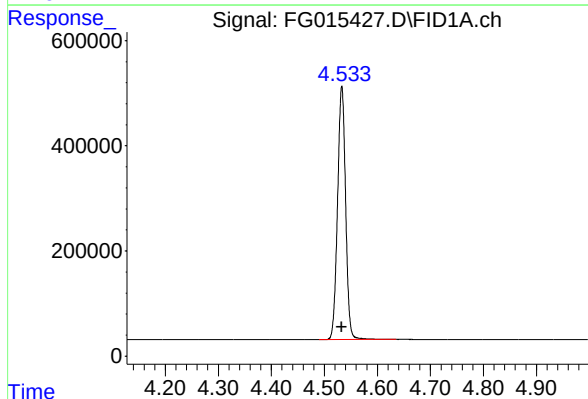




#1 N-OCTANE

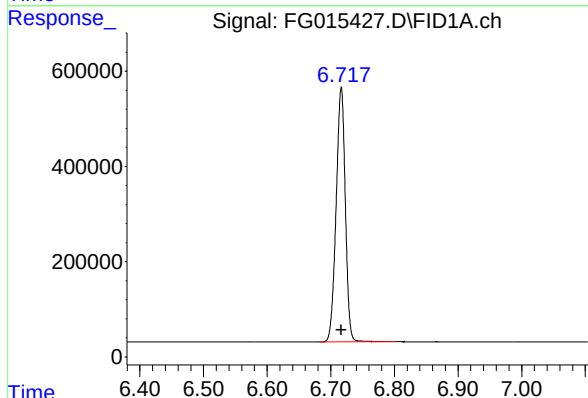
R.T.: 1.994 min
Delta R.T.: 0.000 min
Response: 4965506
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



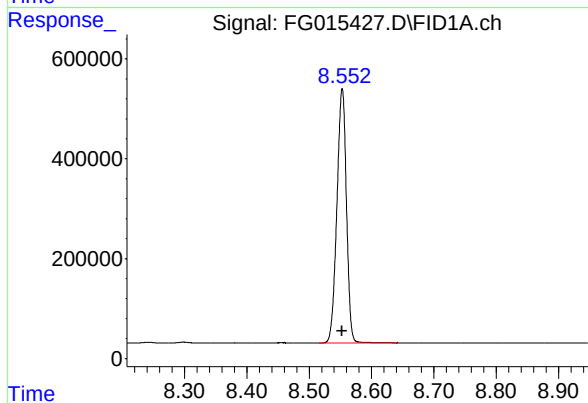
#2 N-DECANE

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 5095283
Conc: 50.00 ug/ml



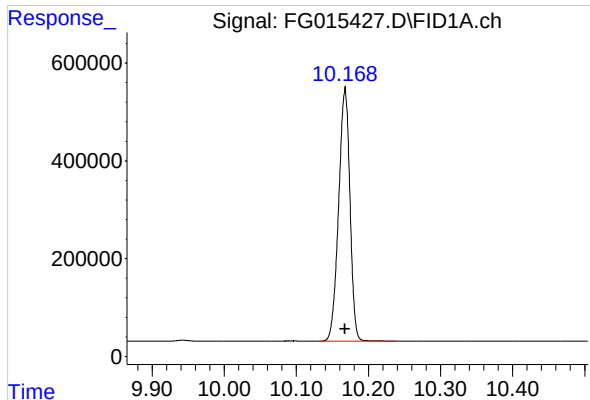
#3 N-DODECANE

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 5388928
Conc: 50.00 ug/ml



#4 N-TETRADECANE

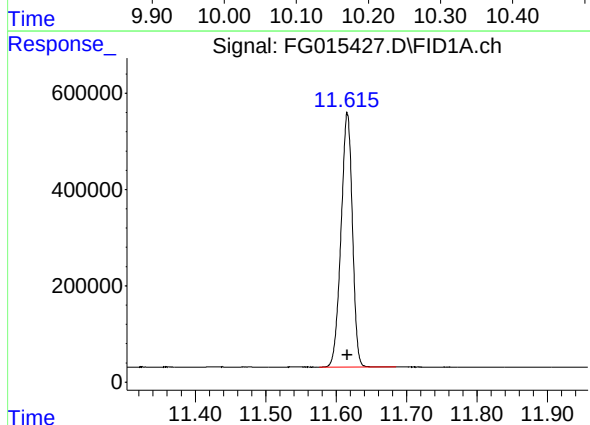
R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 5413479
Conc: 50.00 ug/ml



#5 N-HEXADECANE

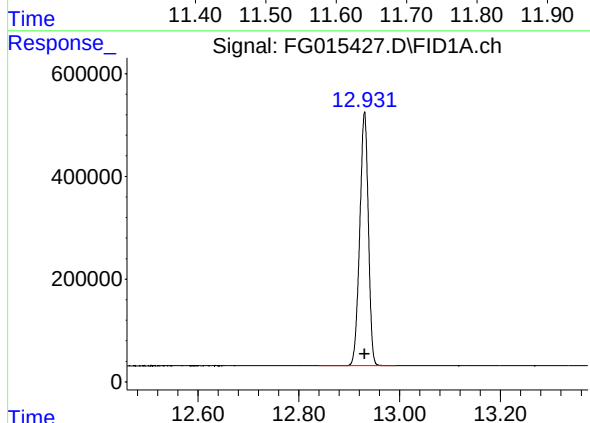
R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 5640871
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



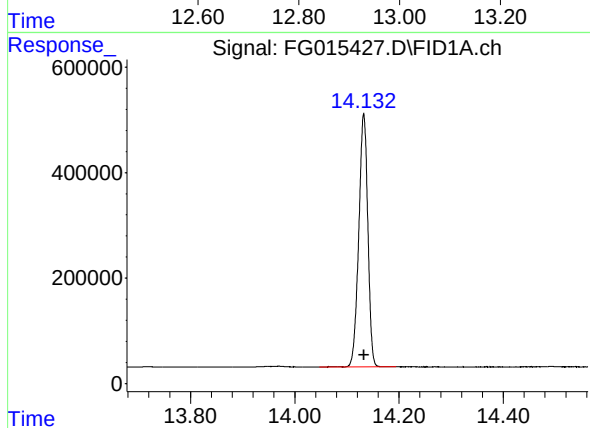
#6 N-OCTADECANE

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 5920415
Conc: 50.00 ug/ml



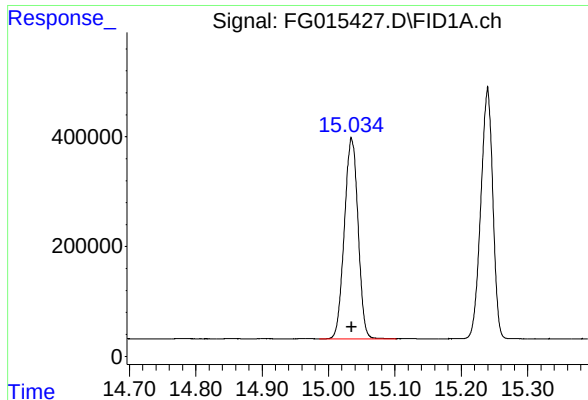
#7 N-EICOSANE

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 5842747
Conc: 50.00 ug/ml



#8 N-DOCOSANE

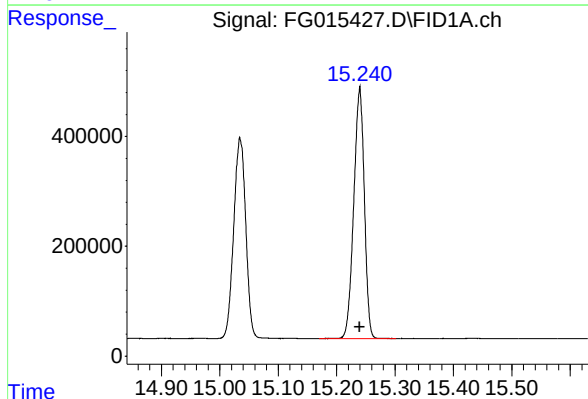
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 5785353
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

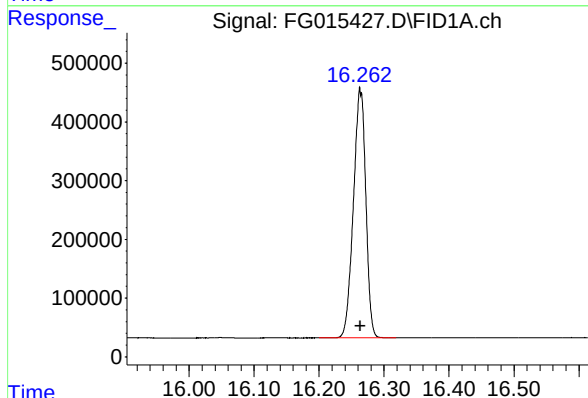
R.T.: 15.035 min
Delta R.T.: 0.000 min
Response: 5246382
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



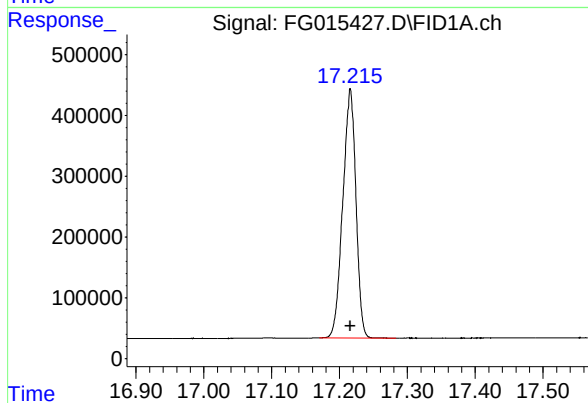
#10 N-TETRACOSANE

R.T.: 15.240 min
Delta R.T.: 0.000 min
Response: 5748589
Conc: 50.00 ug/ml



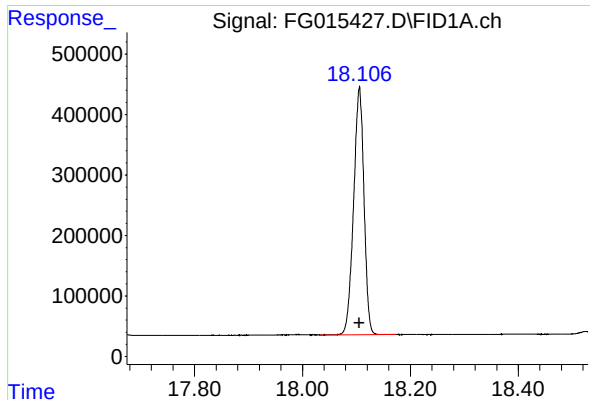
#11 N-HEXACOSANE

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 5623200
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

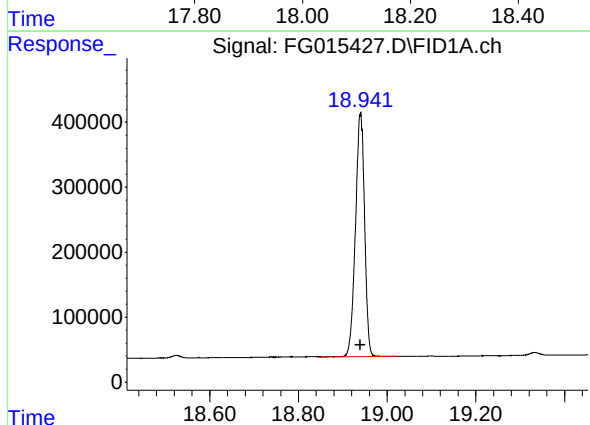
R.T.: 17.216 min
Delta R.T.: 0.000 min
Response: 5503536
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

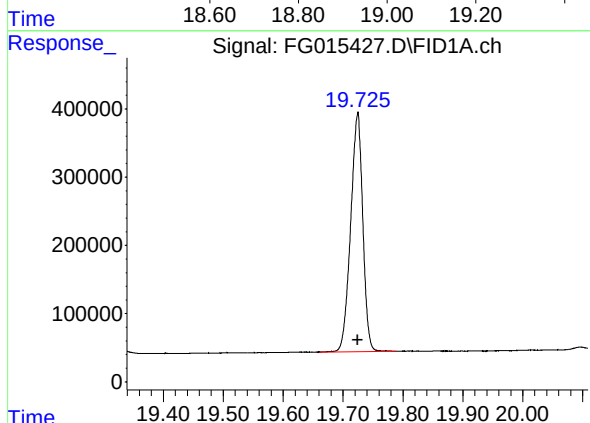
R.T.: 18.106 min
Delta R.T.: 0.000 min
Response: 5464008
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



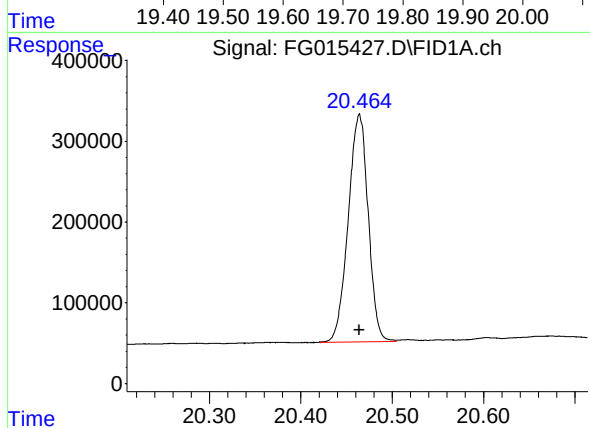
#14 N-DOTRIACONTANE

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 5350108
Conc: 50.00 ug/ml



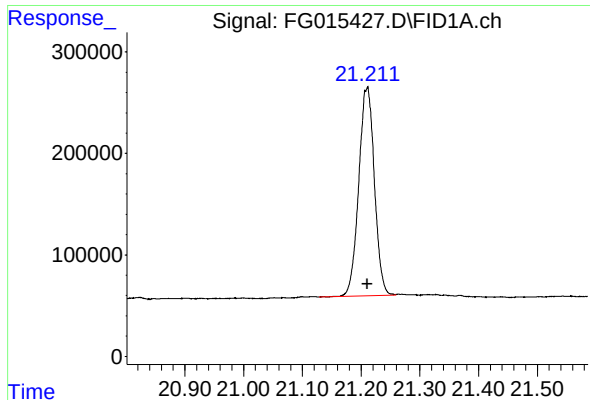
#15 N-TETRATRIACONTANE

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4934105
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

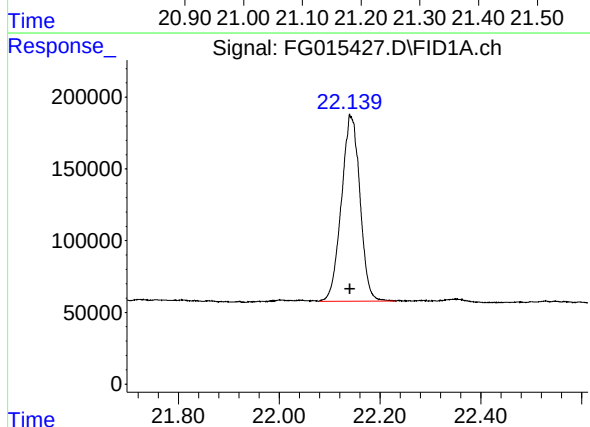
R.T.: 20.464 min
Delta R.T.: 0.000 min
Response: 4275212
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.211 min
Delta R.T.: 0.000 min
Response: 3809914
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.141 min
Delta R.T.: 0.000 min
Response: 3308945
Conc: 50.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015427.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 12:17
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.994	1.961	2.108	BB	407382	4965506	83.87%	5.321%
2	4.533	4.490	4.635	BB	482505	5095283	86.06%	5.460%
3	6.717	6.682	6.803	BB	535433	5388928	91.02%	5.775%
4	8.553	8.516	8.639	BB	509411	5413479	91.44%	5.801%
5	10.168	10.132	10.238	BB	518172	5640871	95.28%	6.045%
6	11.616	11.576	11.685	BB	526761	5920415	100.00%	6.344%
7	12.930	12.840	12.993	BB	493438	5842747	98.69%	6.261%
8	14.132	14.047	14.194	BB	480182	5785353	97.72%	6.200%
9	15.035	14.986	15.102	BV	363784	5246382	88.62%	5.622%
10	15.240	15.170	15.302	BB	459822	5748589	97.10%	6.160%
11	16.263	16.200	16.318	BB	419401	5623200	94.98%	6.026%
12	17.216	17.170	17.283	BB	410138	5503536	92.96%	5.898%
13	18.106	18.031	18.173	BB	410542	5464008	92.29%	5.855%
14	18.940	18.847	19.020	BV	370922	5350108	90.37%	5.733%
15	19.725	19.660	19.788	BV	351414	4934105	83.34%	5.287%
16	20.464	20.420	20.504	BV	282155	4275212	72.21%	4.581%
17	21.211	21.128	21.259	PV	205065	3809914	64.35%	4.083%
18	22.141	22.079	22.232	BV	128956	3308945	55.89%	3.546%
Sum of corrected areas:						93316579		

FG030325.M Tue Mar 04 04:35:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015428.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 12:46
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 03 12:55:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 12:54:55 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...	15.033	2074987	19.754 ug/ml
Target Compounds			
1) N-OCTANE	1.995	2148272	20.628 ug/ml
2) N-DECANE	4.532	2177756	20.487 ug/ml
3) N-DODECANE	6.714	2260955	20.298 ug/ml
4) N-TETRADECANE	8.550	2229154	20.147 ug/ml
5) N-HEXADECANE	10.164	2282146	19.991 ug/ml
6) N-OCTADECANE	11.613	2364724	19.866 ug/ml
7) N-EICOSANE	12.927	2320604	19.815 ug/ml
8) N-DOCOSANE	14.131	2288772	19.770 ug/ml
10) N-TETRACOSANE	15.236	2273407	19.754 ug/ml
11) N-HEXACOSANE	16.260	2233591	19.784 ug/ml
12) N-OCTACOSANE	17.213	2200912	19.887 ug/ml
13) N-TRIACONTANE	18.103	2201361	20.022 ug/ml
14) N-DOTRIACONTANE	18.937	2193441	20.279 ug/ml
15) N-TETRATRIACONTANE	19.720	2127511	20.968 ug/ml
16) N-HEXATRIACONTANE	20.461	1988145	21.913 ug/ml
17) N-OCTATRIACONTANE	21.208	1897196	22.973 ug/ml
18) N-TETRACONTANE	22.140	1736732	23.868 ug/ml

(f)=RT Delta > 1/2 Window

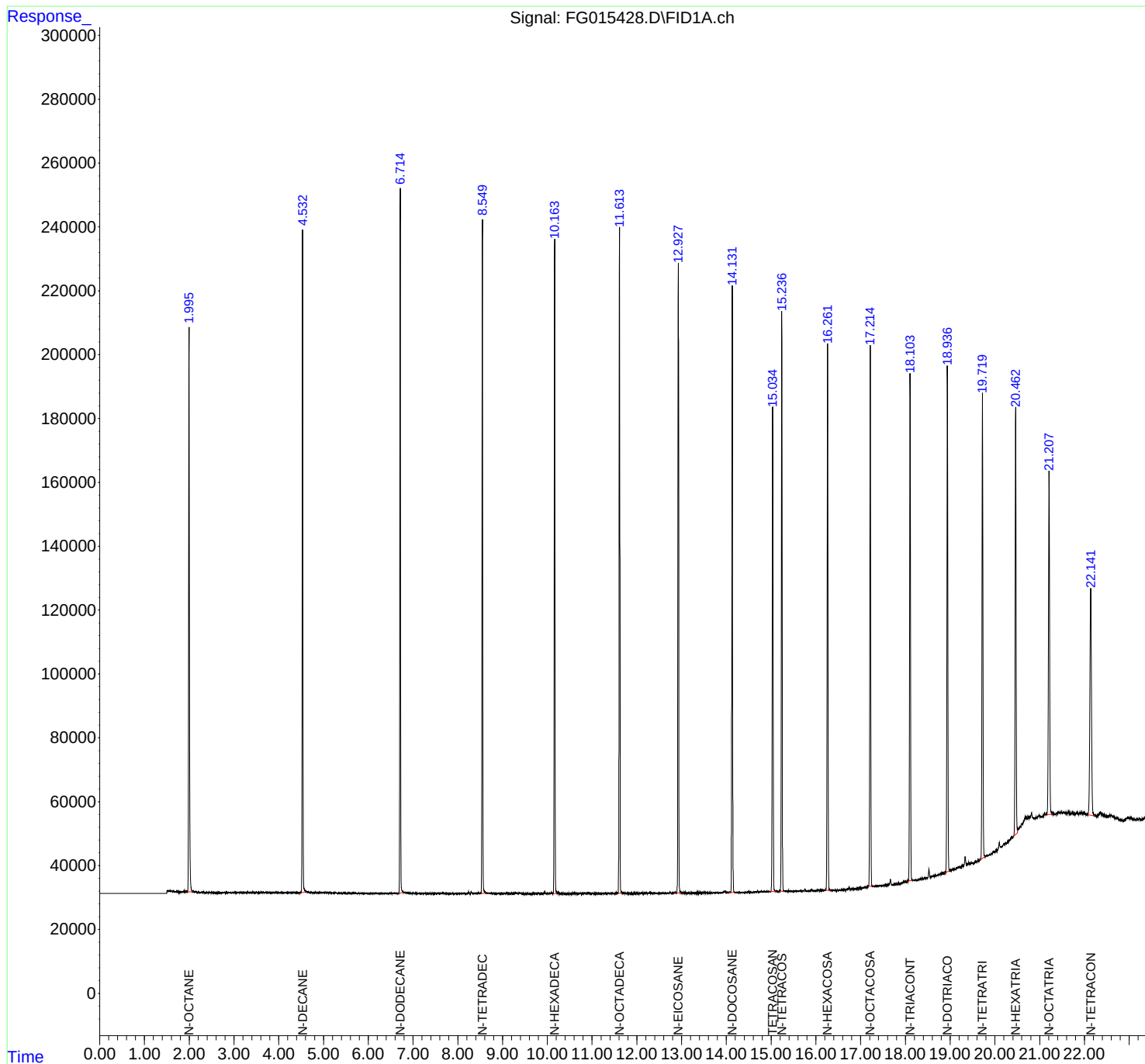
(m)=manual int.

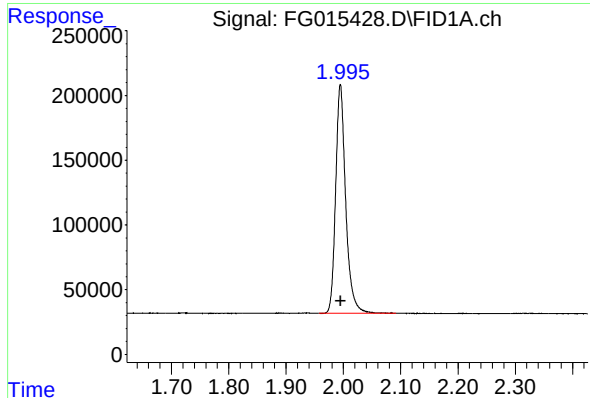
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015428.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 12:46
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 03 12:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 12:54:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

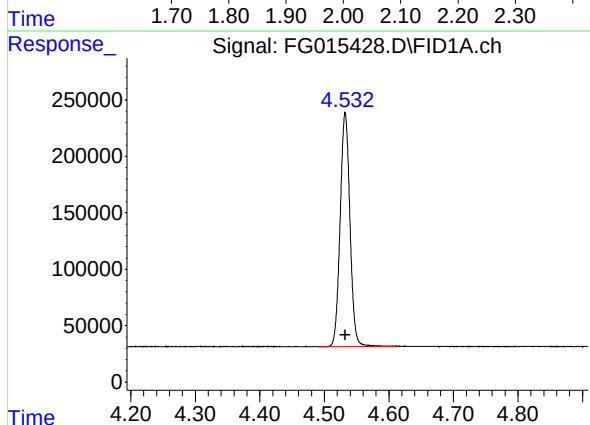




#1 N-OCTANE

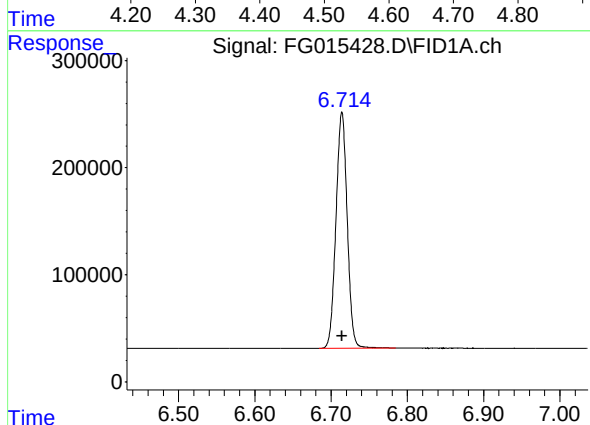
R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 2148272
Conc: 20.63 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



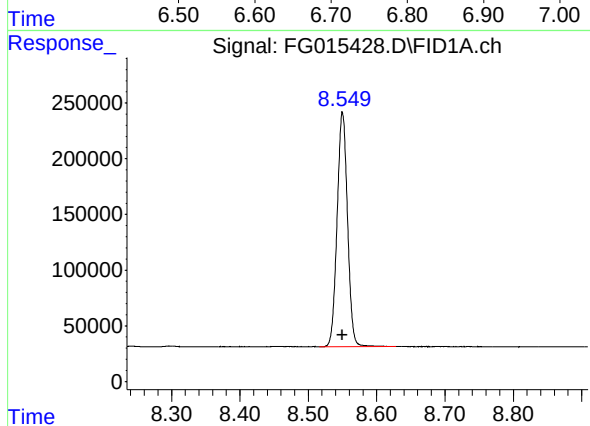
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 2177756
Conc: 20.49 ug/ml



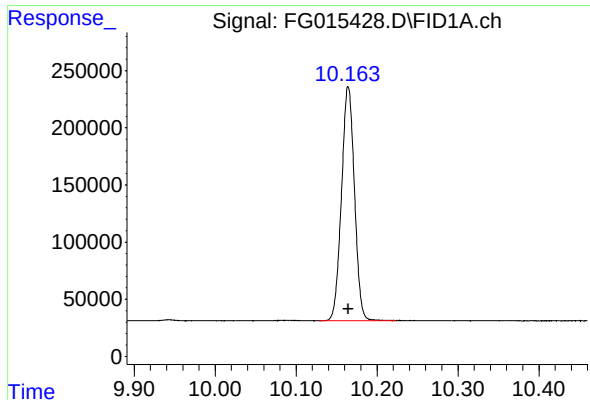
#3 N-DODECANE

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 2260955
Conc: 20.30 ug/ml



#4 N-TETRADECANE

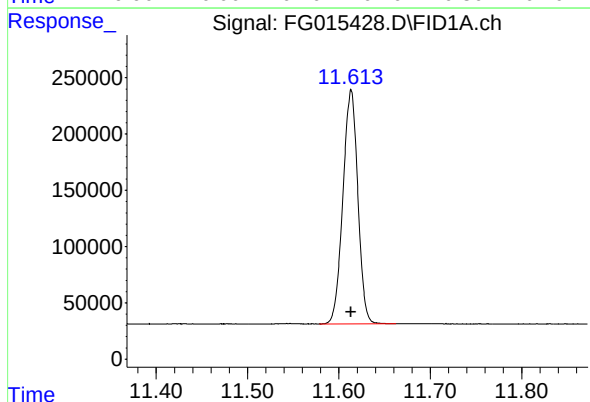
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 2229154
Conc: 20.15 ug/ml



#5 N-HEXADECANE

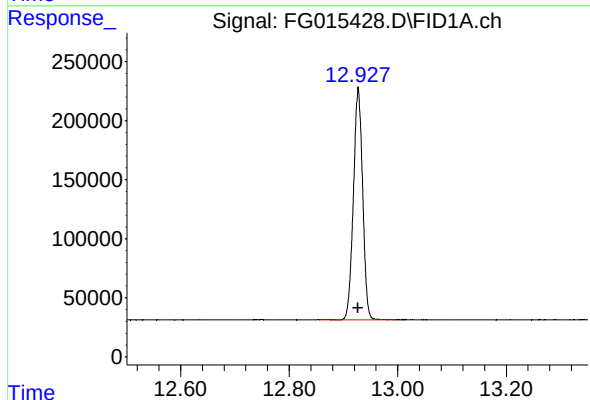
R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 2282146
Conc: 19.99 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



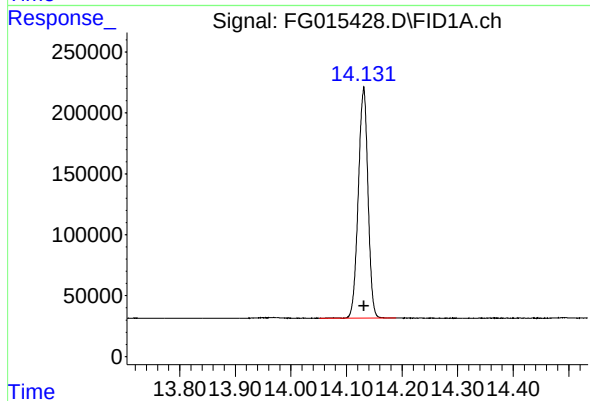
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 2364724
Conc: 19.87 ug/ml



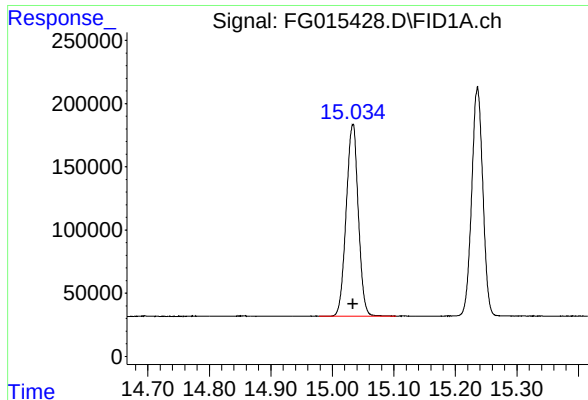
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: 0.000 min
Response: 2320604
Conc: 19.82 ug/ml



#8 N-DOCOSANE

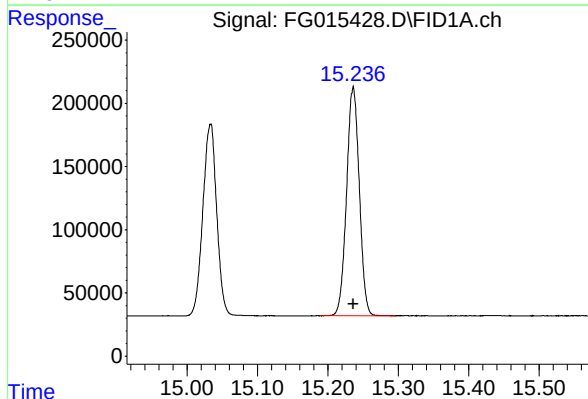
R.T.: 14.131 min
Delta R.T.: 0.000 min
Response: 2288772
Conc: 19.77 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

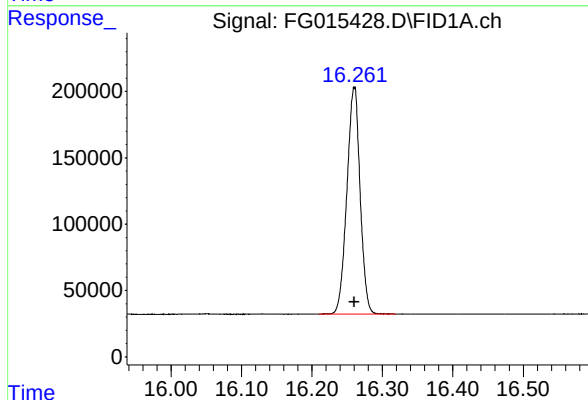
R.T.: 15.033 min
Delta R.T.: 0.000 min
Response: 2074987
Conc: 19.75 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



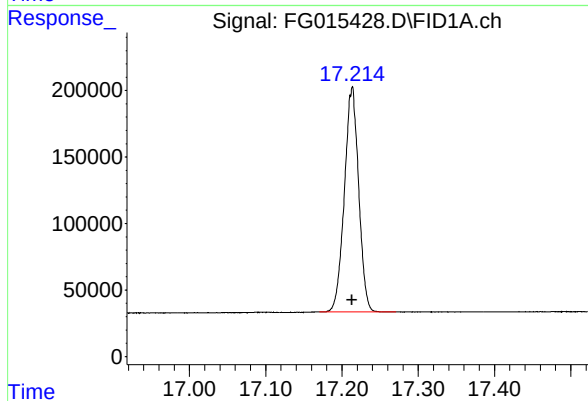
#10 N-TETRACOSANE

R.T.: 15.236 min
Delta R.T.: 0.000 min
Response: 2273407
Conc: 19.75 ug/ml



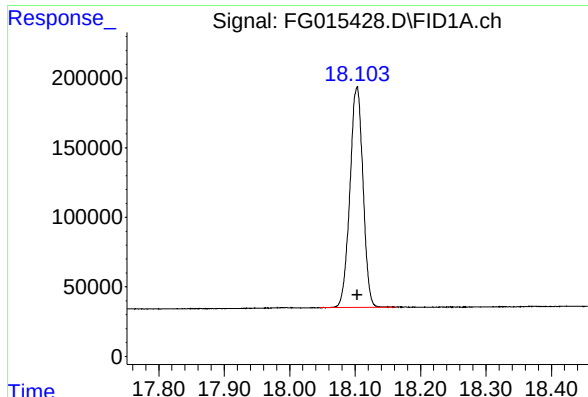
#11 N-HEXACOSANE

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 2233591
Conc: 19.78 ug/ml



#12 N-OCTACOSANE

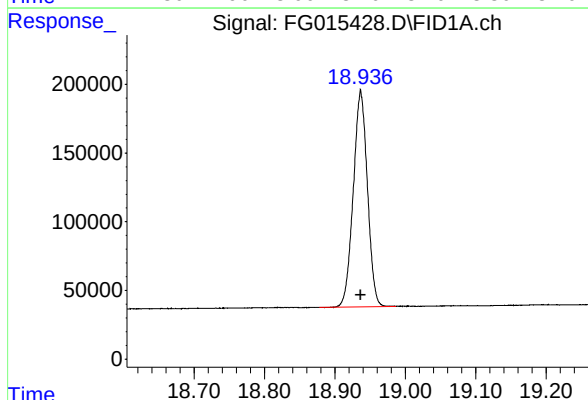
R.T.: 17.213 min
Delta R.T.: 0.000 min
Response: 2200912
Conc: 19.89 ug/ml



#13 N-TRIACONTANE

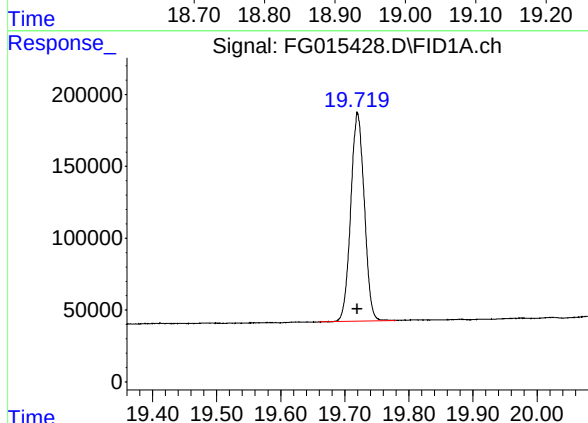
R.T.: 18.103 min
Delta R.T.: 0.000 min
Response: 2201361
Conc: 20.02 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



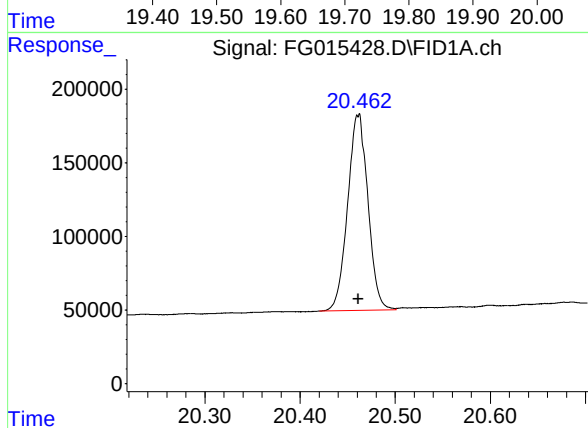
#14 N-DOTRIACONTANE

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 2193441
Conc: 20.28 ug/ml



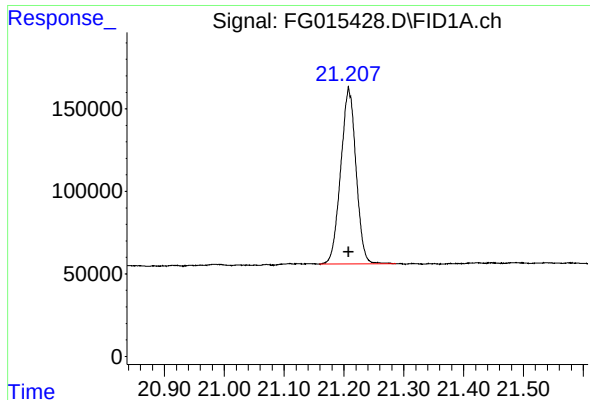
#15 N-TETRATRIACONTANE

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 2127511
Conc: 20.97 ug/ml



#16 N-HEXATRIACONTANE

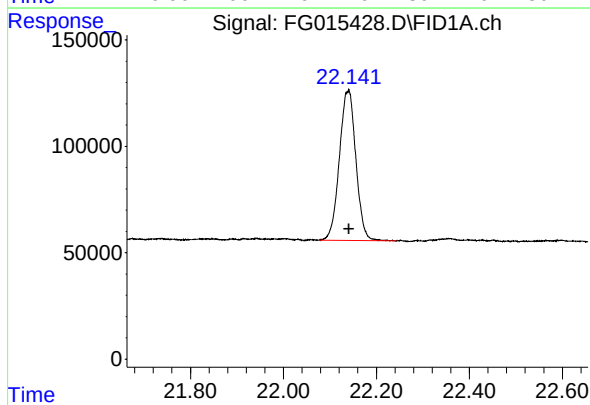
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 1988145
Conc: 21.91 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.208 min
Delta R.T.: 0.000 min
Response: 1897196
Conc: 22.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: 0.000 min
Response: 1736732
Conc: 23.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015428.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 12:46
Sample : 20 TRPH STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.995	1.958	2.092	BB	176911	2148272	90.85%	5.508%
2	4.532	4.492	4.611	BB	206925	2177756	92.09%	5.584%
3	6.714	6.684	6.785	BB	220617	2260955	95.61%	5.797%
4	8.550	8.516	8.628	BB	210226	2229154	94.27%	5.716%
5	10.164	10.128	10.223	BB	204739	2282146	96.51%	5.852%
6	11.613	11.578	11.663	BB	208205	2364724	100.00%	6.063%
7	12.927	12.855	12.997	BB	196430	2320604	98.13%	5.950%
8	14.131	14.051	14.189	BB	189095	2288772	96.79%	5.869%
9	15.033	14.978	15.103	BB	151271	2074987	87.75%	5.321%
10	15.236	15.188	15.297	BB	181219	2273407	96.14%	5.829%
11	16.260	16.210	16.319	BB	170302	2233591	94.45%	5.727%
12	17.213	17.170	17.271	BB	169119	2200912	93.07%	5.643%
13	18.103	18.045	18.163	BB	158748	2201361	93.09%	5.645%
14	18.937	18.878	18.987	BB	157872	2193441	92.76%	5.624%
15	19.720	19.660	19.780	BV	144198	2127511	89.97%	5.455%
16	20.461	20.420	20.501	BV	132042	1988145	84.08%	5.098%
17	21.208	21.159	21.287	PV	105790	1897196	80.23%	4.865%
18	22.140	22.077	22.242	PV	70549	1736732	73.44%	4.453%
Sum of corrected areas:							38999663	

FG030325.M Tue Mar 04 04:35:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015429.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 13:16
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 03 13:42:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 12:56:04 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...	15.031	1127859	10.738 ug/ml
Target Compounds			
1) N-OCTANE	1.995	1157492	11.115 ug/ml
2) N-DECANE	4.532	1169448	11.001 ug/ml
3) N-DODECANE	6.714	1215352	10.911 ug/ml
4) N-TETRADECANE	8.550	1198081	10.828 ug/ml
5) N-HEXADECANE	10.165	1231825	10.790 ug/ml
6) N-OCTADECANE	11.612	1286162	10.805 ug/ml
7) N-EICOSANE	12.927	1256413	10.728 ug/ml
8) N-DOCOSANE	14.130	1241010	10.720 ug/ml
10) N-TETRACOSANE	15.235	1241496	10.788 ug/ml
11) N-HEXACOSANE	16.259	1217452	10.784 ug/ml
12) N-OCTACOSANE	17.213	1204505	10.883 ug/ml
13) N-TRIACONTANE	18.102	1221633	11.111 ug/ml
14) N-DOTRIACONTANE	18.935	1217726	11.258 ug/ml
15) N-TETRATRIACONTANE	19.721	1136390	11.200 ug/ml
16) N-HEXATRIACONTANE	20.461	1021219	11.256 ug/ml
17) N-OCTATRIACONTANE	21.207	959048	11.613 ug/ml
18) N-TETRACONTANE	22.139	944468	12.980 ug/ml

(f)=RT Delta > 1/2 Window

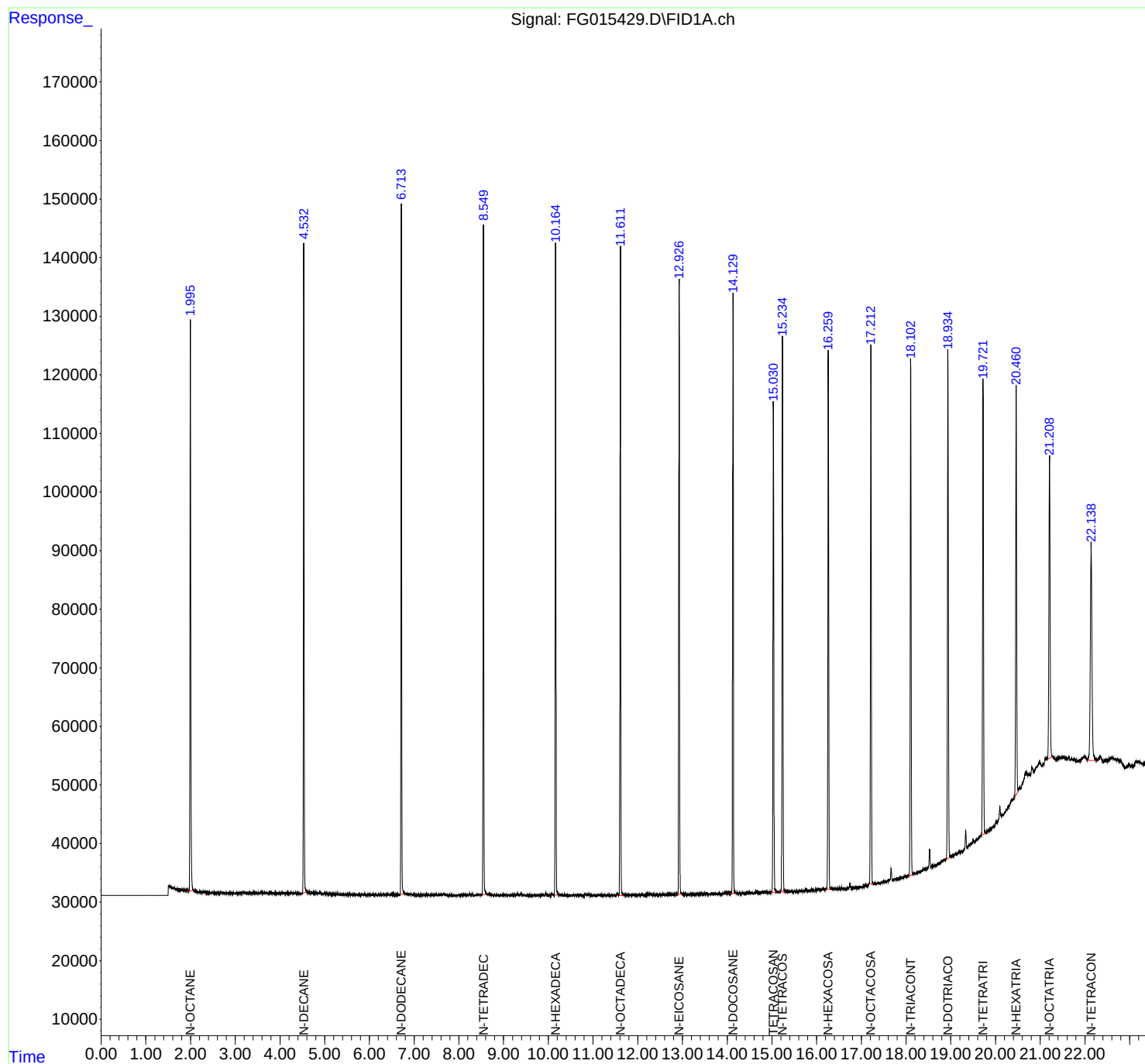
(m)=manual int.

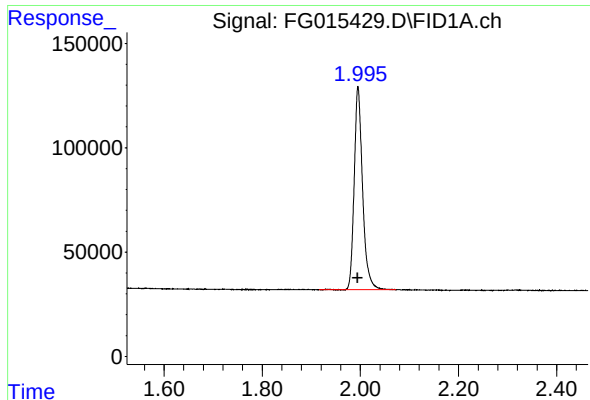
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015429.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 13:16
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 03 13:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 12:56:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

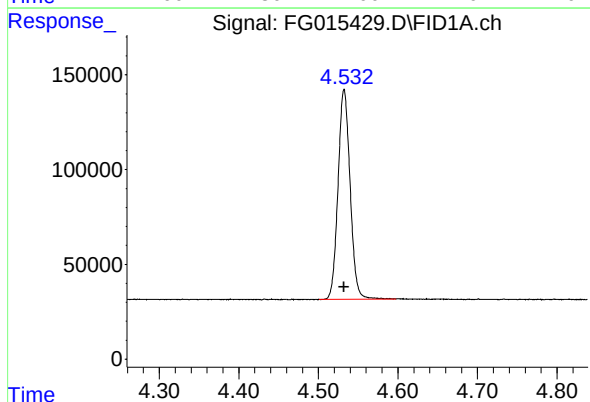




#1 N-OCTANE

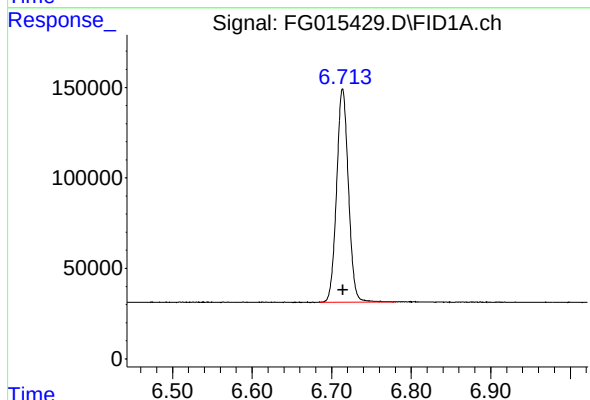
R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 1157492
Conc: 11.11 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



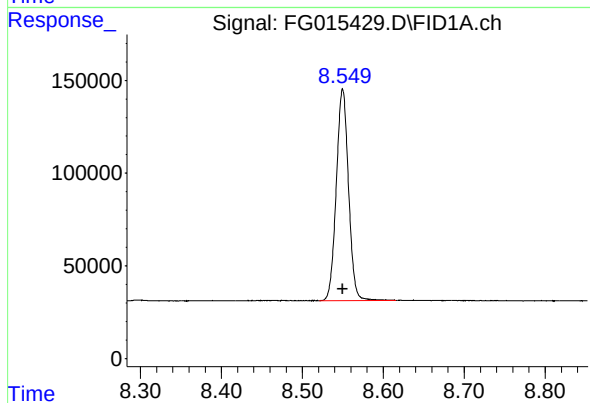
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 1169448
Conc: 11.00 ug/ml



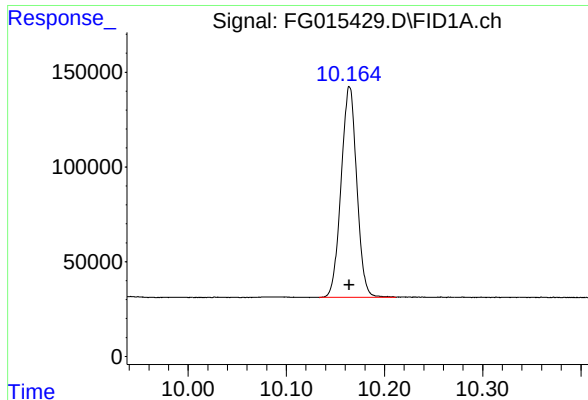
#3 N-DODECANE

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1215352
Conc: 10.91 ug/ml



#4 N-TETRADECANE

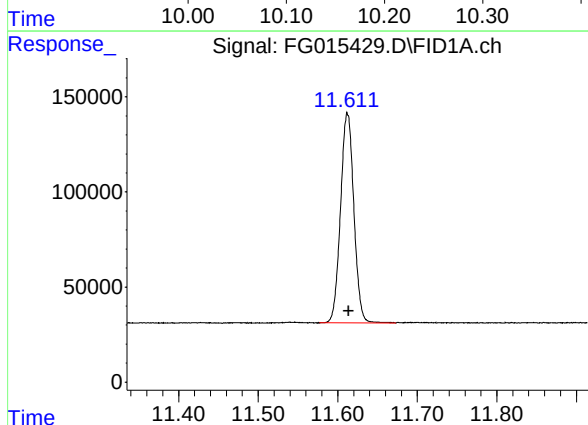
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 1198081
Conc: 10.83 ug/ml



#5 N-HEXADECANE

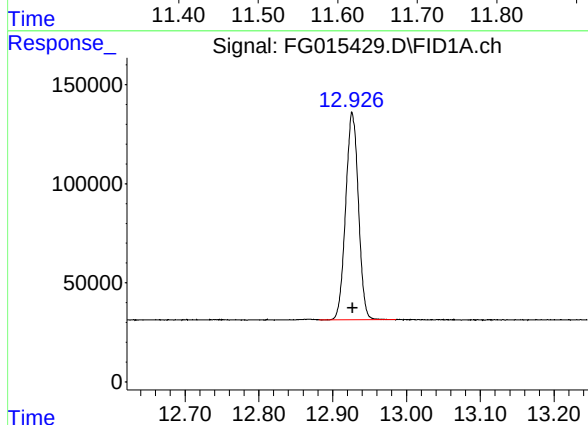
R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 1231825
Conc: 10.79 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



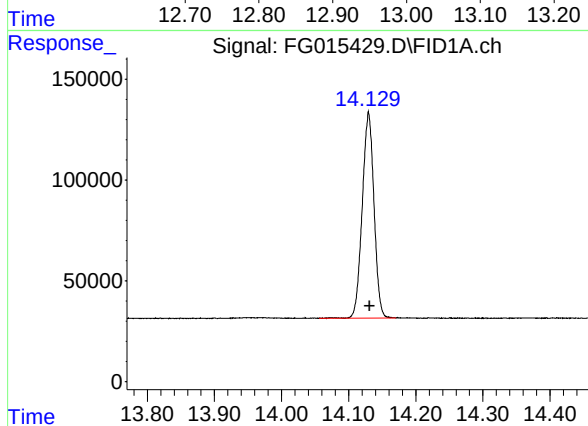
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: -0.001 min
Response: 1286162
Conc: 10.80 ug/ml



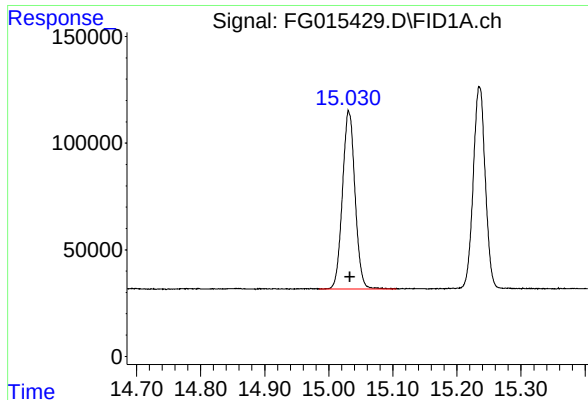
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: 0.000 min
Response: 1256413
Conc: 10.73 ug/ml



#8 N-DOCOSANE

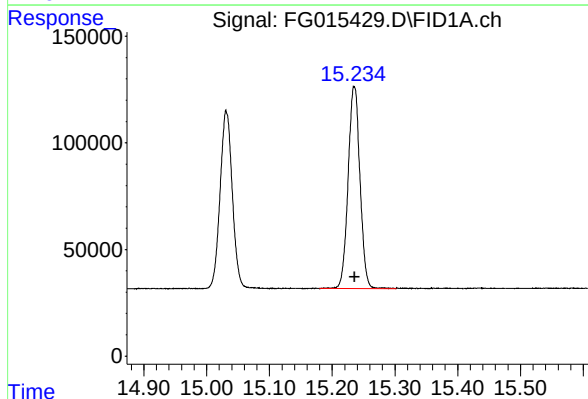
R.T.: 14.130 min
Delta R.T.: -0.001 min
Response: 1241010
Conc: 10.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

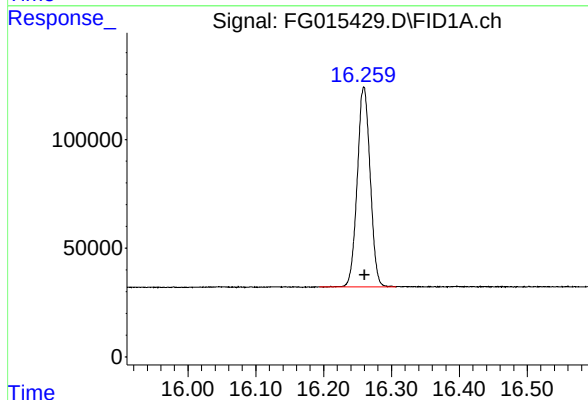
R.T.: 15.031 min
Delta R.T.: -0.002 min
Response: 1127859
Conc: 10.74 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



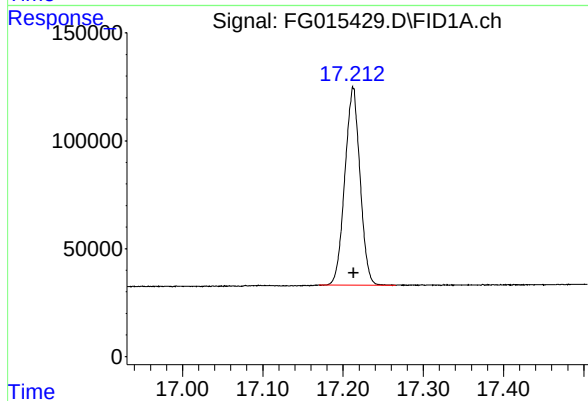
#10 N-TETRACOSANE

R.T.: 15.235 min
Delta R.T.: 0.000 min
Response: 1241496
Conc: 10.79 ug/ml



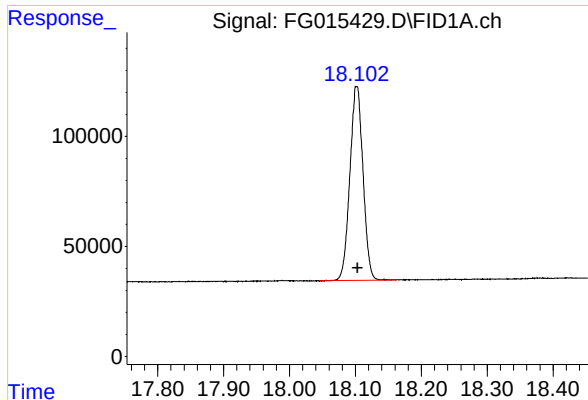
#11 N-HEXACOSANE

R.T.: 16.259 min
Delta R.T.: -0.001 min
Response: 1217452
Conc: 10.78 ug/ml



#12 N-OCTACOSANE

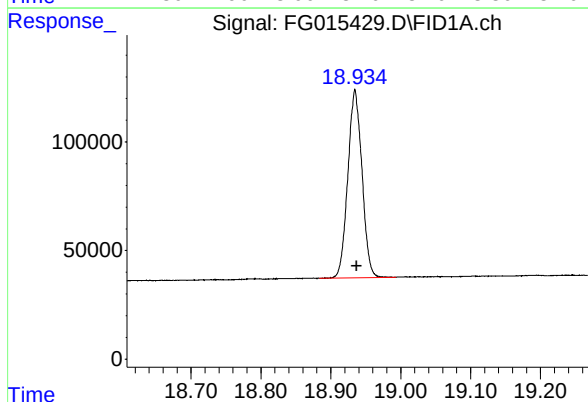
R.T.: 17.213 min
Delta R.T.: 0.000 min
Response: 1204505
Conc: 10.88 ug/ml



#13 N-TRIACONTANE

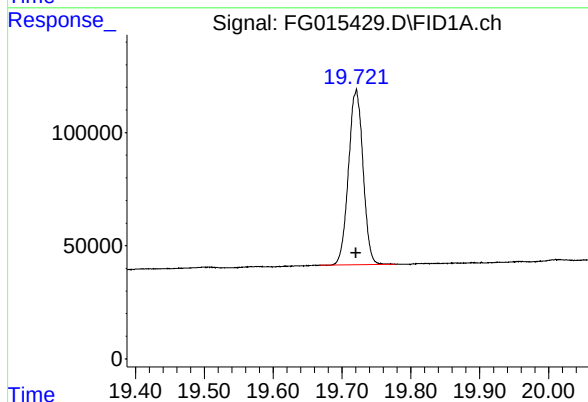
R.T.: 18.102 min
Delta R.T.: 0.000 min
Response: 1221633
Conc: 11.11 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



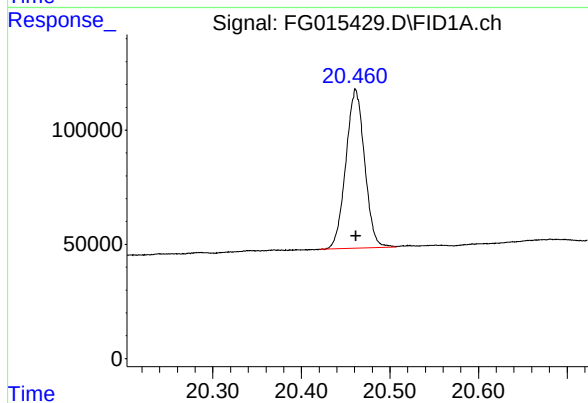
#14 N-DOTRIACONTANE

R.T.: 18.935 min
Delta R.T.: -0.002 min
Response: 1217726
Conc: 11.26 ug/ml



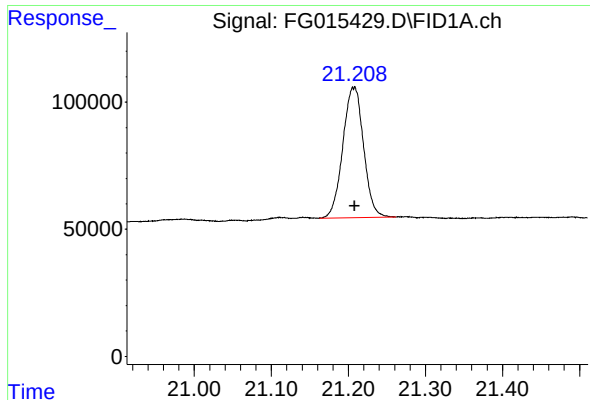
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 1136390
Conc: 11.20 ug/ml



#16 N-HEXATRIACONTANE

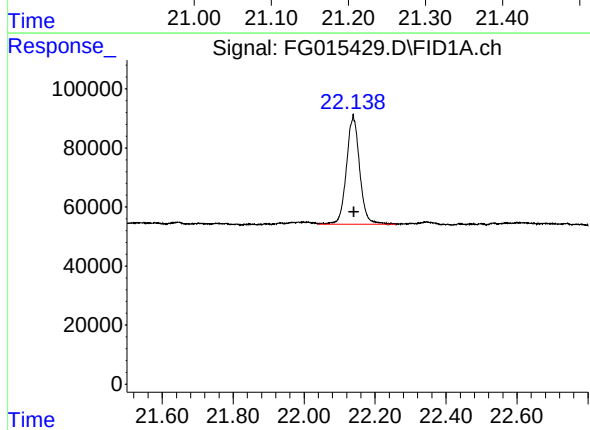
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 1021219
Conc: 11.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.207 min
Delta R.T.: 0.000 min
Response: 959048
Conc: 11.61 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.139 min
Delta R.T.: -0.002 min
Response: 944468
Conc: 12.98 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015429.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 13:16
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.995	1.916	2.073	BB	97394	1157492	90.00%	5.499%
2	4.532	4.501	4.598	BB	110922	1169448	90.93%	5.556%
3	6.714	6.684	6.781	BB	117974	1215352	94.49%	5.774%
4	8.550	8.521	8.616	BB	113981	1198081	93.15%	5.692%
5	10.165	10.133	10.212	BB	111301	1231825	95.78%	5.853%
6	11.612	11.577	11.673	BB	109600	1286162	100.00%	6.111%
7	12.927	12.882	12.986	BB	104438	1256413	97.69%	5.969%
8	14.130	14.056	14.170	BB	101948	1241010	96.49%	5.896%
9	15.031	14.985	15.105	BB	82702	1127859	87.69%	5.359%
10	15.235	15.179	15.302	BB	94460	1241496	96.53%	5.899%
11	16.259	16.193	16.307	BB	92020	1217452	94.66%	5.784%
12	17.213	17.170	17.266	BB	91615	1204505	93.65%	5.723%
13	18.102	18.045	18.162	BB	88189	1221633	94.98%	5.804%
14	18.935	18.883	18.993	BV	86833	1217726	94.68%	5.786%
15	19.721	19.667	19.778	BB	77535	1136390	88.36%	5.399%
16	20.461	20.420	20.507	BV	69773	1021219	79.40%	4.852%
17	21.207	21.162	21.262	PV	50751	959048	74.57%	4.557%
18	22.139	22.042	22.259	VV	37132	944468	73.43%	4.487%
Sum of corrected areas:						21047577		

FG030325.M Tue Mar 04 04:36:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015430.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 13:45
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 03 14:05:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:05:07 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...	15.031	582412	5.349 ug/ml
Target Compounds			
1) N-OCTANE	1.996	607303	5.525 ug/ml
2) N-DECANE	4.532	602630	5.416 ug/ml
3) N-DODECANE	6.714	627003	5.395 ug/ml
4) N-TETRADECANE	8.550	621997	5.398 ug/ml
5) N-HEXADECANE	10.164	638977	5.384 ug/ml
6) N-OCTADECANE	11.612	667549	5.390 ug/ml
7) N-EICOSANE	12.926	651839	5.366 ug/ml
8) N-DOCOSANE	14.129	636203	5.314 ug/ml
10) N-TETRACOSANE	15.235	638341	5.346 ug/ml
11) N-HEXACOSANE	16.258	631568	5.382 ug/ml
12) N-OCTACOSANE	17.211	631460	5.455 ug/ml
13) N-TRIACONTANE	18.100	644513	5.547 ug/ml
14) N-DOTRIACONTANE	18.935	653005	5.660 ug/ml
15) N-TETRATRIACONTANE	19.719	594705	5.538 ug/ml
16) N-HEXATRIACONTANE	20.459	525108	5.477 ug/ml
17) N-OCTATRIACONTANE	21.205	512891	5.747 ug/ml
18) N-TETRACONTANE	22.134	487248	5.994 ug/ml

(f)=RT Delta > 1/2 Window

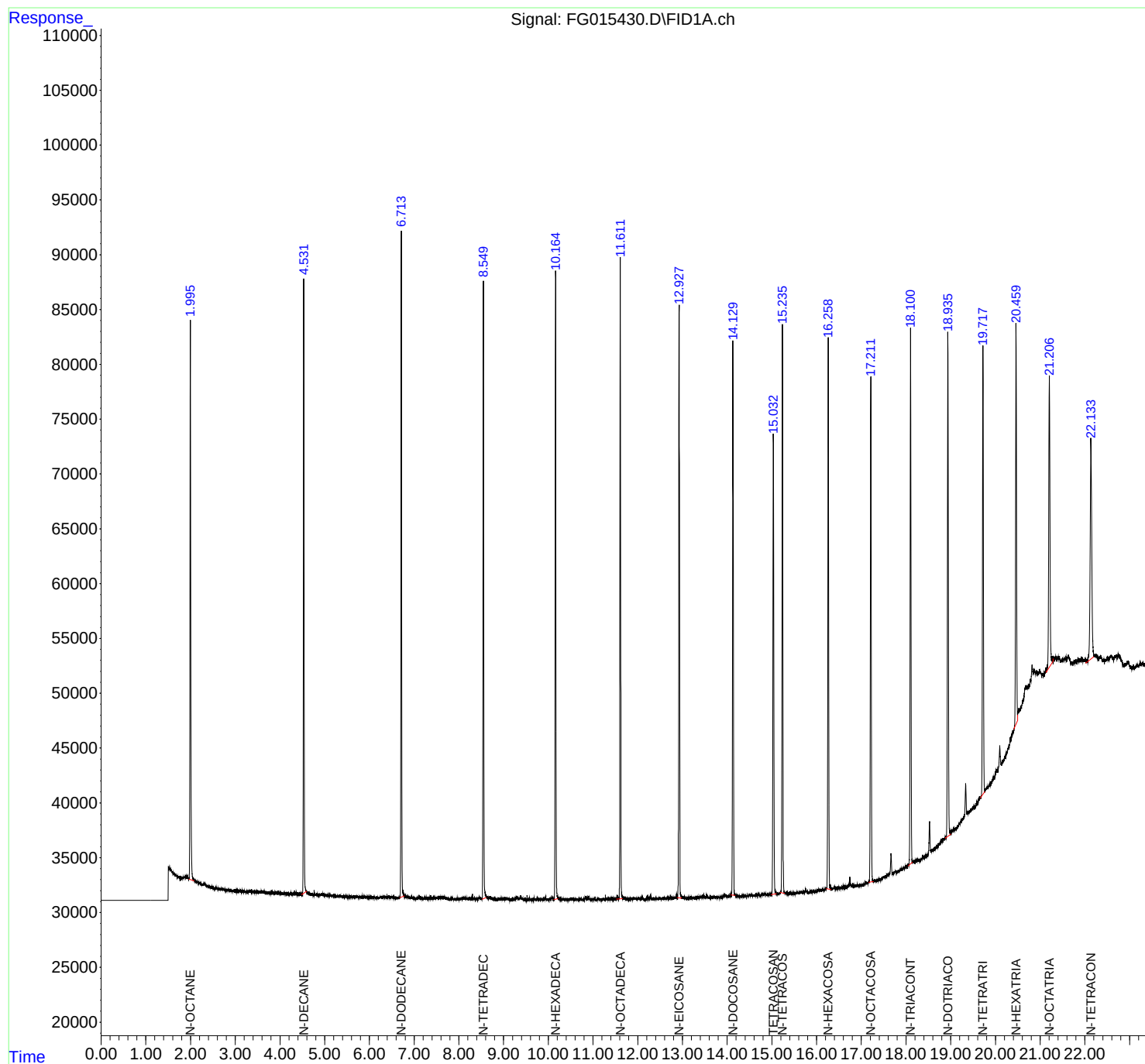
(m)=manual int.

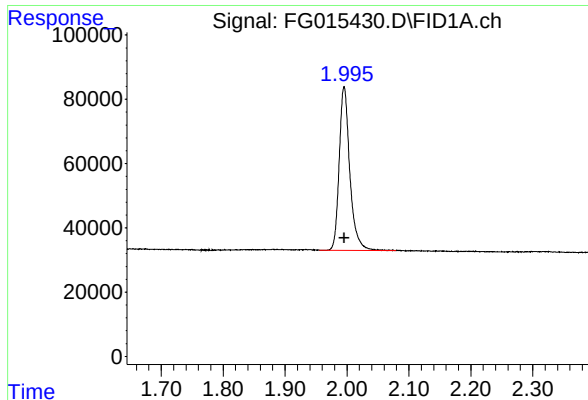
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015430.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 13:45
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 03 14:05:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 14:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

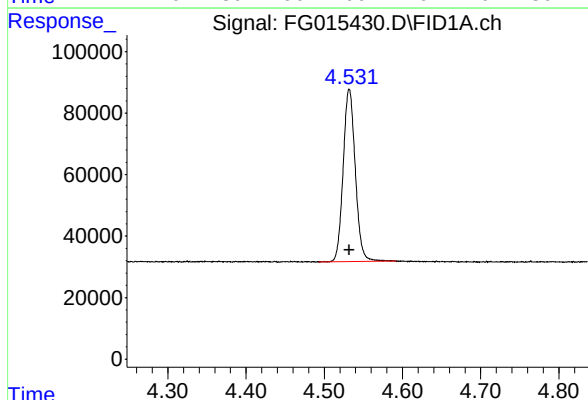




#1 N-OCTANE

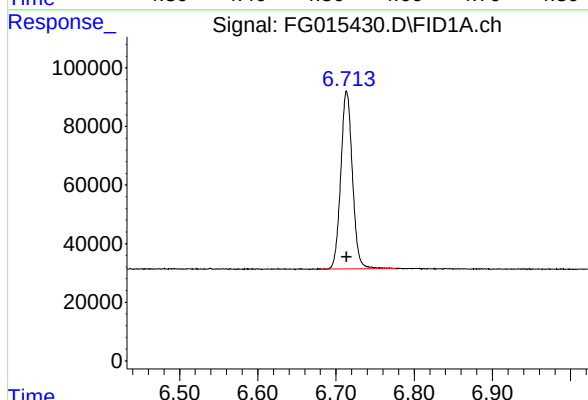
R.T.: 1.996 min
Delta R.T.: 0.000 min
Response: 607303
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



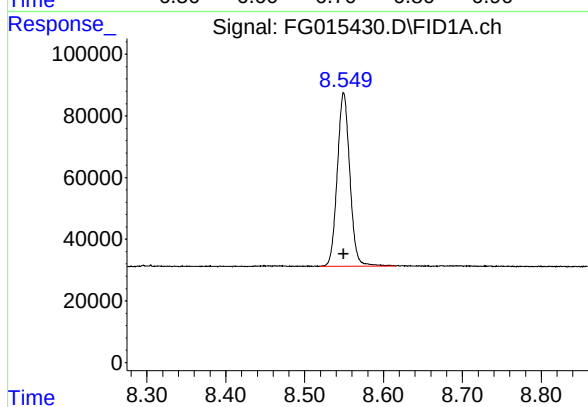
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 602630
Conc: 5.42 ug/ml



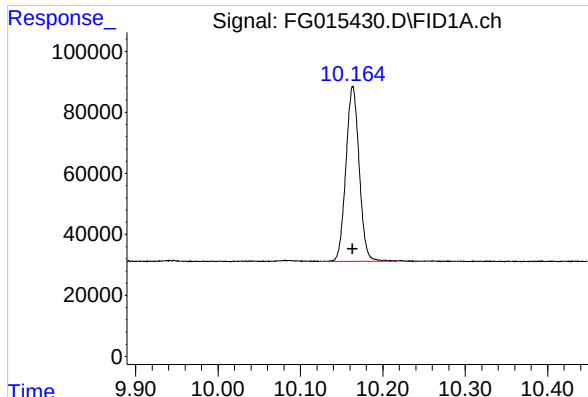
#3 N-DODECANE

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 627003
Conc: 5.40 ug/ml



#4 N-TETRADECANE

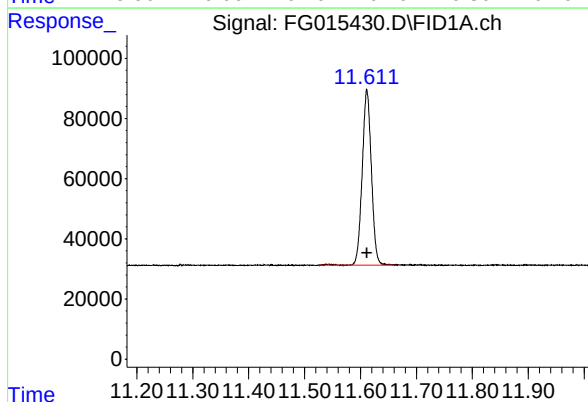
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 621997
Conc: 5.40 ug/ml



#5 N-HEXADECANE

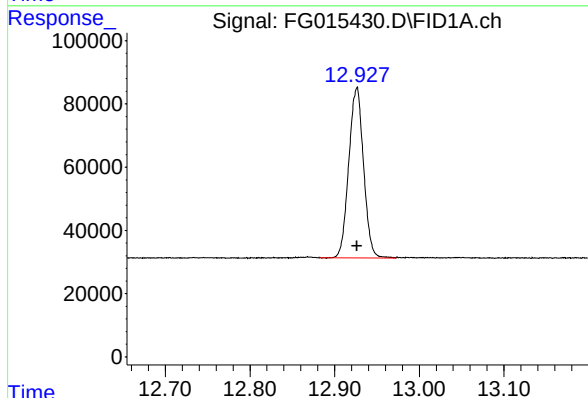
R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 638977
Conc: 5.38 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



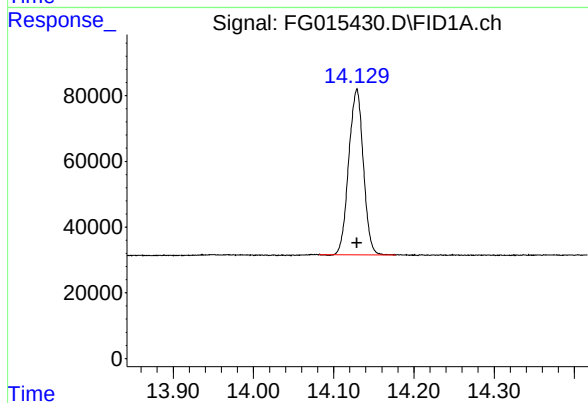
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 667549
Conc: 5.39 ug/ml



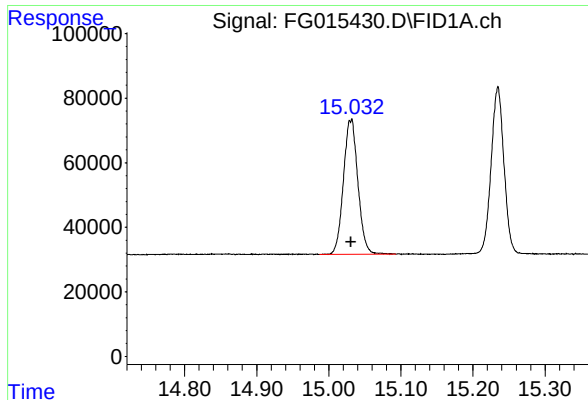
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 651839
Conc: 5.37 ug/ml



#8 N-DOCOSANE

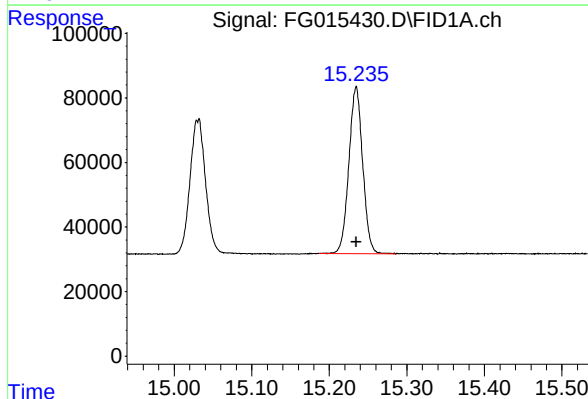
R.T.: 14.129 min
Delta R.T.: 0.000 min
Response: 636203
Conc: 5.31 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

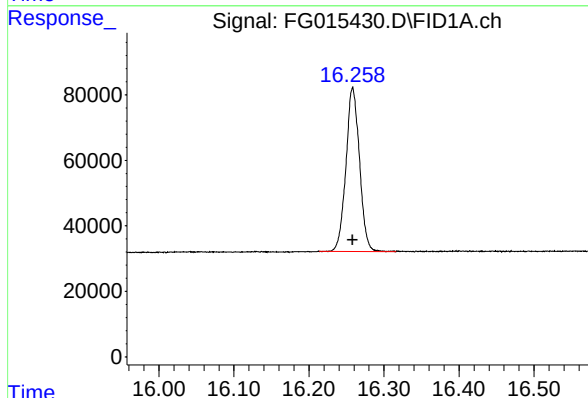
R.T.: 15.031 min
Delta R.T.: 0.000 min
Response: 582412
Conc: 5.35 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



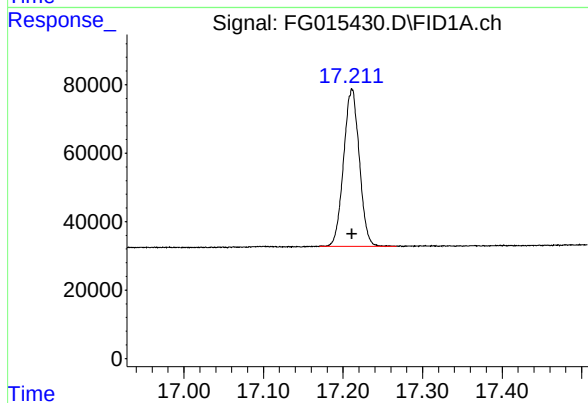
#10 N-TETRACOSANE

R.T.: 15.235 min
Delta R.T.: 0.000 min
Response: 638341
Conc: 5.35 ug/ml



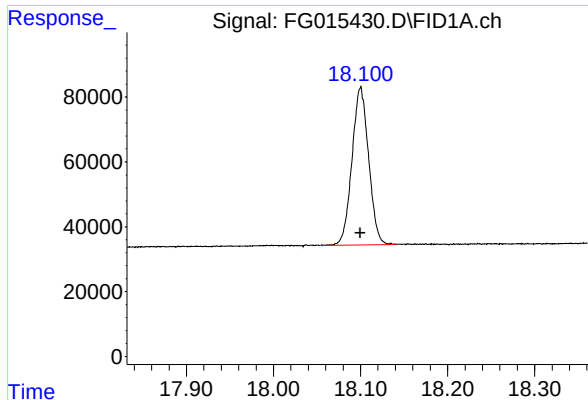
#11 N-HEXACOSANE

R.T.: 16.258 min
Delta R.T.: 0.000 min
Response: 631568
Conc: 5.38 ug/ml



#12 N-OCTACOSANE

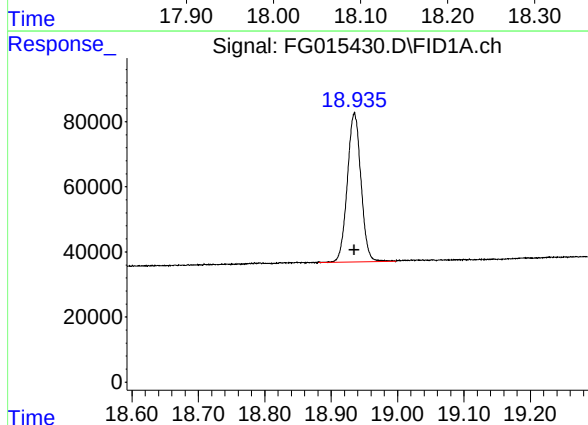
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 631460
Conc: 5.46 ug/ml



#13 N-TRIACONTANE

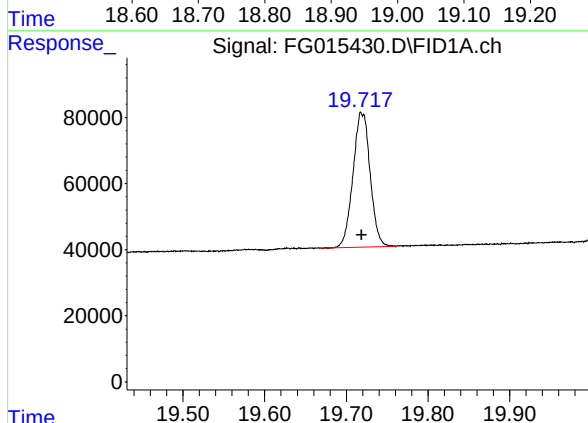
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 644513
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



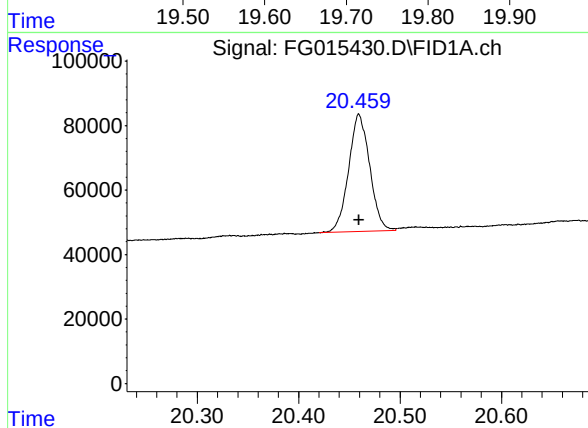
#14 N-DOTRIACONTANE

R.T.: 18.935 min
Delta R.T.: 0.000 min
Response: 653005
Conc: 5.66 ug/ml



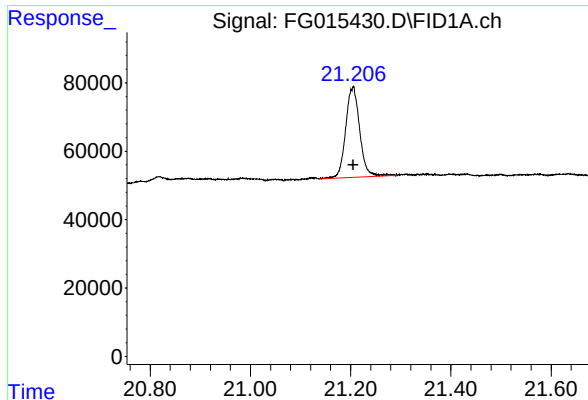
#15 N-TETRATRIACONTANE

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 594705
Conc: 5.54 ug/ml



#16 N-HEXATRIACONTANE

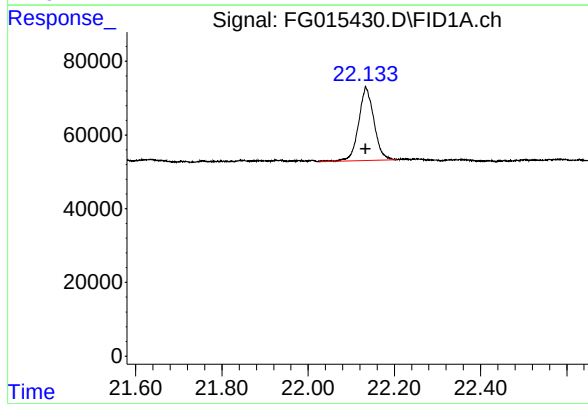
R.T.: 20.459 min
Delta R.T.: 0.000 min
Response: 525108
Conc: 5.48 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.205 min
Delta R.T.: 0.000 min
Response: 512891
Conc: 5.75 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.134 min
Delta R.T.: 0.001 min
Response: 487248
Conc: 5.99 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015430.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 13:45
Sample : 5 TRPH STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.996	1.955	2.079	BB	50948	607303	90.98%	5.544%
2	4.532	4.493	4.592	BB	56085	602630	90.28%	5.501%
3	6.714	6.678	6.777	BB	60634	627003	93.93%	5.724%
4	8.550	8.518	8.616	BB	56297	621997	93.18%	5.678%
5	10.164	10.123	10.216	BB	57156	638977	95.72%	5.833%
6	11.612	11.526	11.663	BB	58296	667549	100.00%	6.094%
7	12.926	12.882	12.973	BB	54028	651839	97.65%	5.950%
8	14.129	14.082	14.178	BB	50555	636203	95.30%	5.808%
9	15.031	14.987	15.093	BB	41140	582412	87.25%	5.317%
10	15.235	15.187	15.286	BB	51964	638341	95.62%	5.827%
11	16.258	16.213	16.316	BB	50250	631568	94.61%	5.765%
12	17.211	17.170	17.267	BB	45758	631460	94.59%	5.764%
13	18.100	18.053	18.141	BB	48458	644513	96.55%	5.883%
14	18.935	18.882	18.998	BB	45815	653005	97.82%	5.961%
15	19.719	19.667	19.761	BB	40506	594705	89.09%	5.429%
16	20.459	20.420	20.496	BV	36464	525108	78.66%	4.793%
17	21.205	21.137	21.290	PV	26585	512891	76.83%	4.682%
18	22.134	22.025	22.204	PV	19983	487248	72.99%	4.448%
Sum of corrected areas:							10954752	

FG030325.M Tue Mar 04 04:36:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015431.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 14:14
 Operator : YP\AJ
 Sample : FG030325ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG030325ICV

Integration File: autoint1.e
 Quant Time: Mar 03 14:23:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.034	5263594	48.344 ug/ml
Target Compounds			
1) N-OCTANE	1.994	5256960	47.822 ug/ml
2) N-DECANE	4.533	5337269	47.965 ug/ml
3) N-DODECANE	6.716	5569532	47.923 ug/ml
4) N-TETRADECANE	8.552	5518504	47.892 ug/ml
5) N-HEXADECANE	10.166	5694355	47.976 ug/ml
6) N-OCTADECANE	11.615	5937044	47.939 ug/ml
7) N-EICOSANE	12.930	5852161	48.178 ug/ml
8) N-DOCOSANE	14.133	5795980	48.409 ug/ml
10) N-TETRACOSANE	15.240	5777408	48.381 ug/ml
11) N-HEXACOSANE	16.263	5673674	48.349 ug/ml
12) N-OCTACOSANE	17.215	5564382	48.071 ug/ml
13) N-TRIACONTANE	18.104	5525262	47.557 ug/ml
14) N-DOTRIACONTANE	18.939	5396274	46.773 ug/ml
15) N-TETRATRIACONTANE	19.723	4919040	45.803 ug/ml
16) N-HEXATRIACONTANE	20.463	4197870	43.789 ug/ml
17) N-OCTATRIACONTANE	21.207	3585023	40.170 ug/ml
18) N-TETRACONTANE	22.139	2930060	35.716 ug/ml

(f)=RT Delta > 1/2 Window

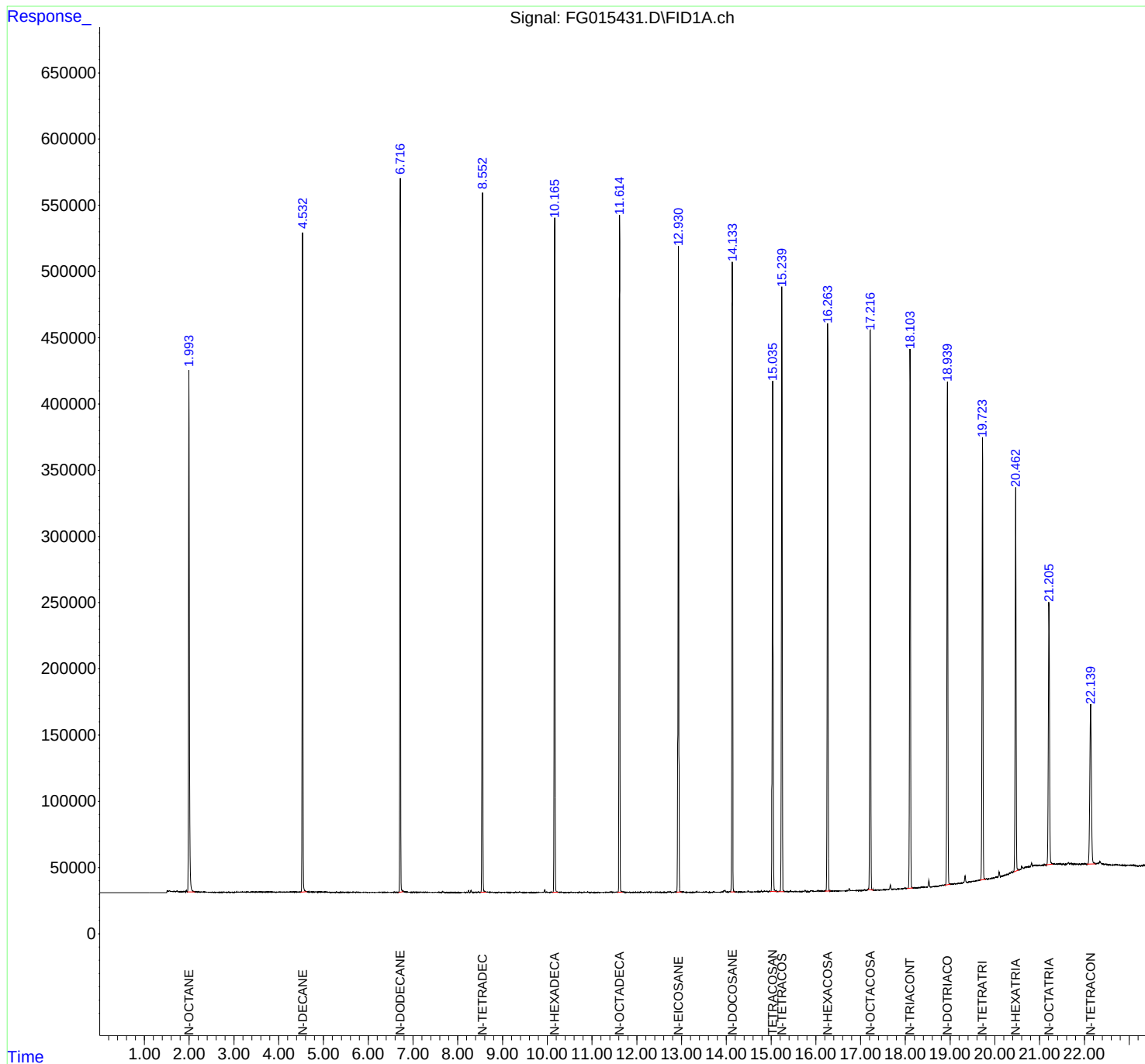
(m)=manual int.

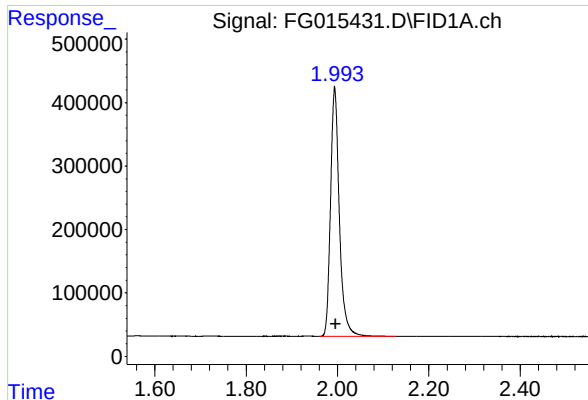
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
Data File : FG015431.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2025 14:14
Operator : YP\AJ
Sample : FG030325ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
FG030325ICV

Integration File: autoint1.e
Quant Time: Mar 03 14:23:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 14:06:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

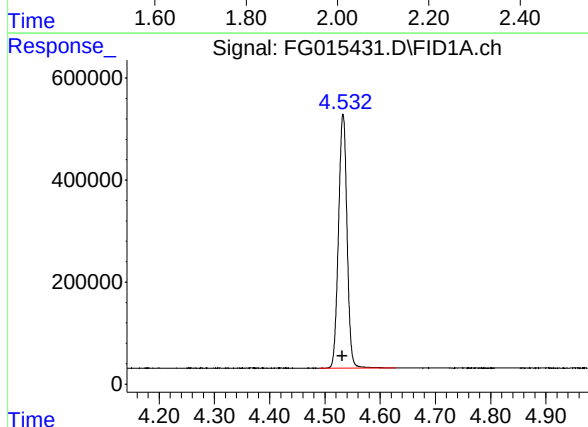




#1 N-OCTANE

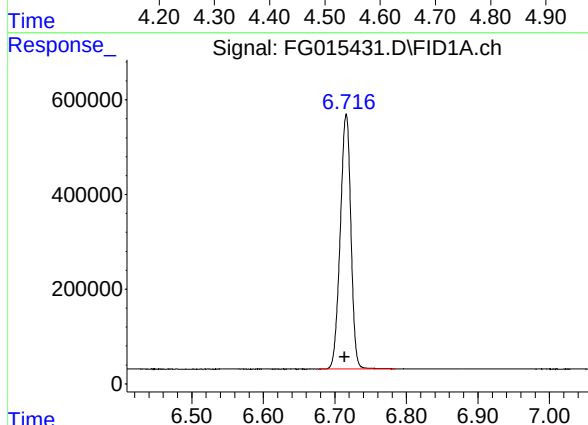
R.T.: 1.994 min
Delta R.T.: -0.002 min
Response: 5256960
Conc: 47.82 ug/ml

Instrument :
FID_G
ClientSampleId :
FG030325ICV



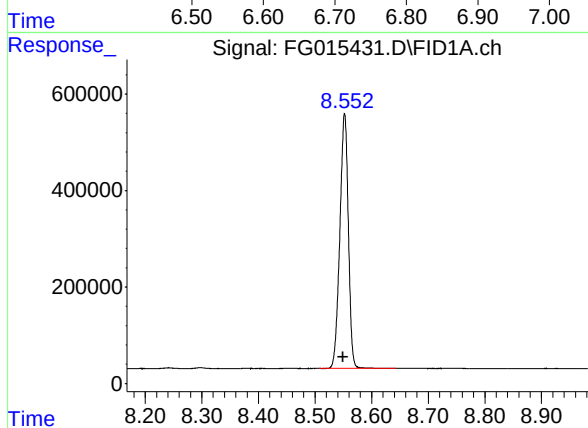
#2 N-DECANE

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 5337269
Conc: 47.97 ug/ml



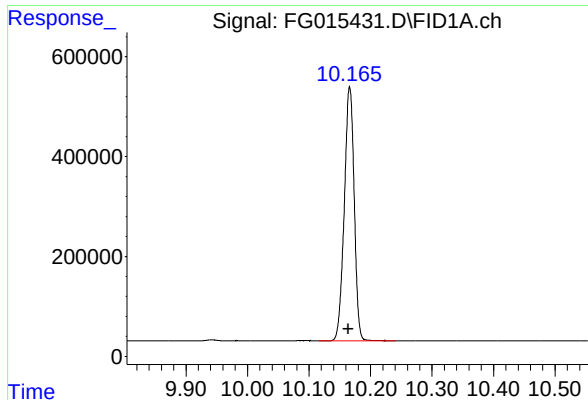
#3 N-DODECANE

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 5569532
Conc: 47.92 ug/ml



#4 N-TETRADECANE

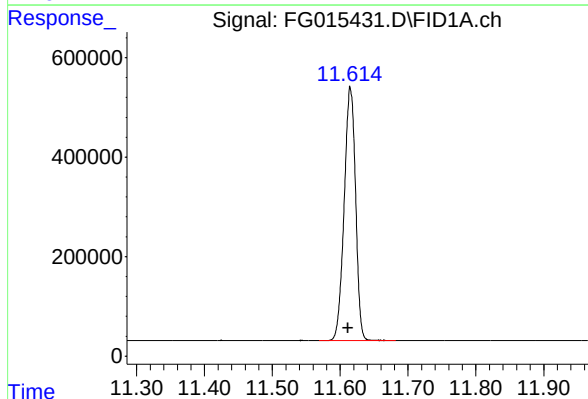
R.T.: 8.552 min
Delta R.T.: 0.003 min
Response: 5518504
Conc: 47.89 ug/ml



#5 N-HEXADECANE

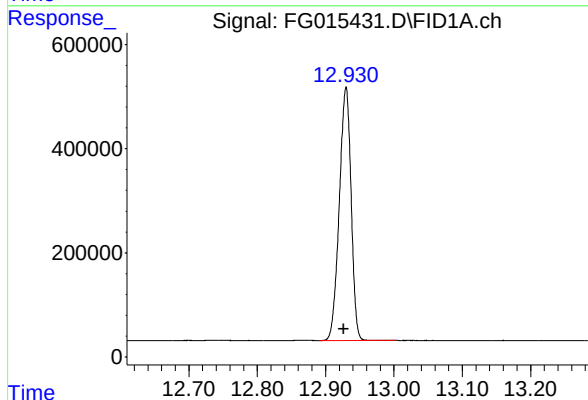
R.T.: 10.166 min
Delta R.T.: 0.003 min
Response: 5694355
Conc: 47.98 ug/ml

Instrument :
FID_G
ClientSampleId :
FG030325ICV



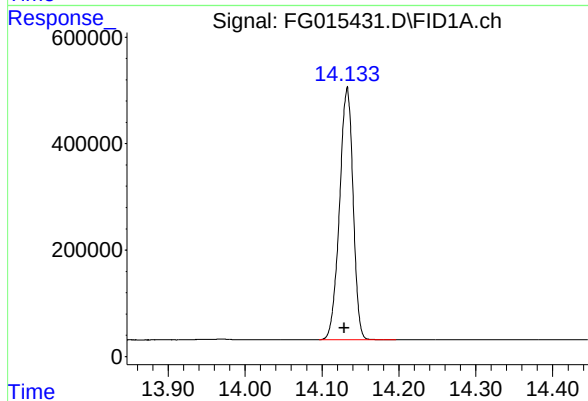
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: 0.003 min
Response: 5937044
Conc: 47.94 ug/ml



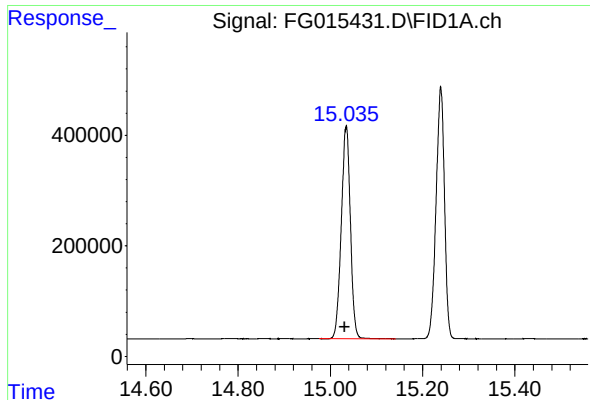
#7 N-EICOSANE

R.T.: 12.930 min
Delta R.T.: 0.004 min
Response: 5852161
Conc: 48.18 ug/ml



#8 N-DOCOSANE

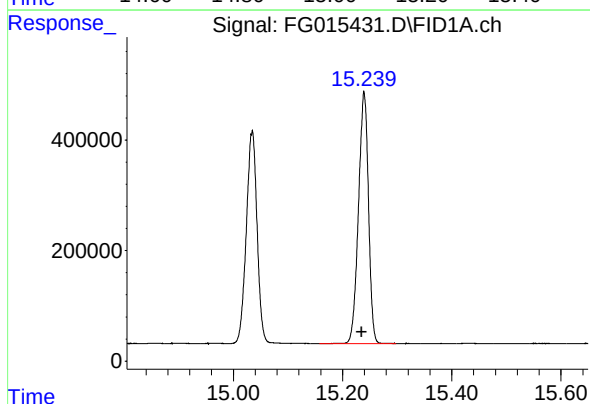
R.T.: 14.133 min
Delta R.T.: 0.004 min
Response: 5795980
Conc: 48.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

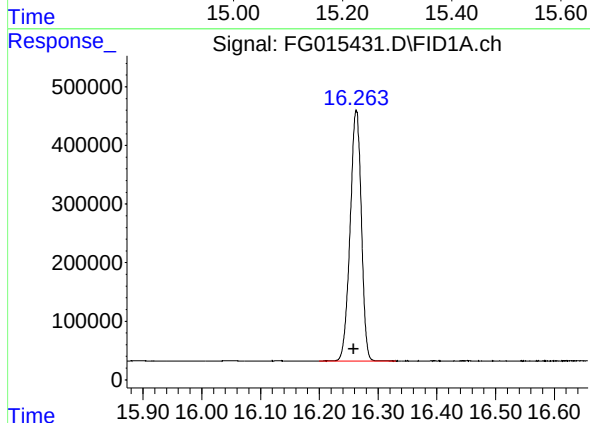
R.T.: 15.034 min
Delta R.T.: 0.003 min
Response: 5263594
Conc: 48.34 ug/ml

Instrument :
FID_G
ClientSampleId :
FG030325ICV



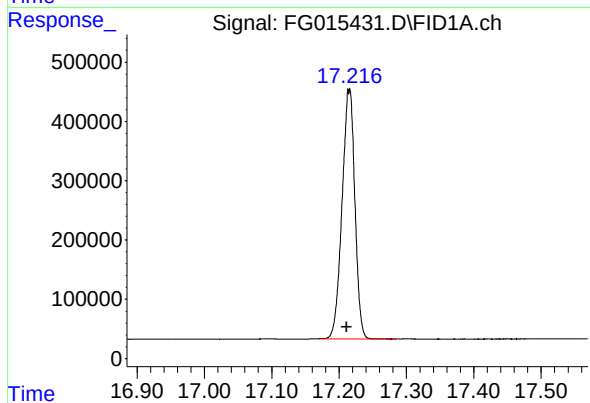
#10 N-TETRACOSANE

R.T.: 15.240 min
Delta R.T.: 0.005 min
Response: 5777408
Conc: 48.38 ug/ml



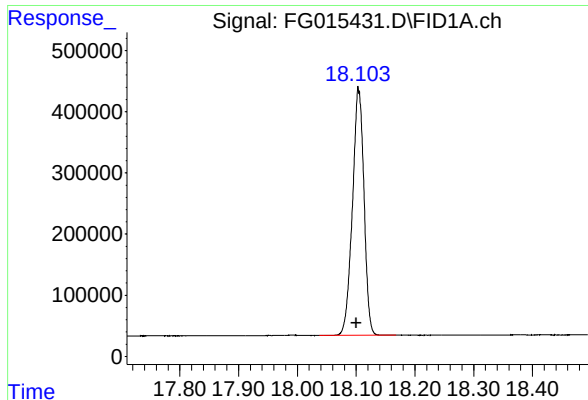
#11 N-HEXACOSANE

R.T.: 16.263 min
Delta R.T.: 0.005 min
Response: 5673674
Conc: 48.35 ug/ml



#12 N-OCTACOSANE

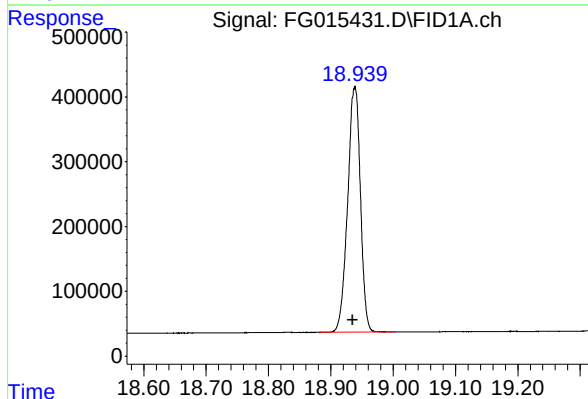
R.T.: 17.215 min
Delta R.T.: 0.004 min
Response: 5564382
Conc: 48.07 ug/ml



#13 N-TRIACONTANE

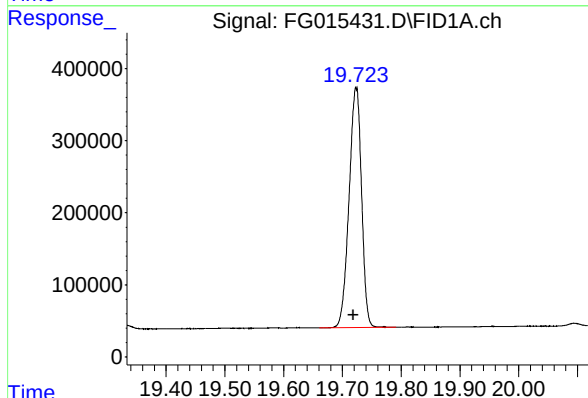
R.T.: 18.104 min
Delta R.T.: 0.004 min
Response: 5525262
Conc: 47.56 ug/ml

Instrument :
FID_G
ClientSampleId :
FG030325ICV



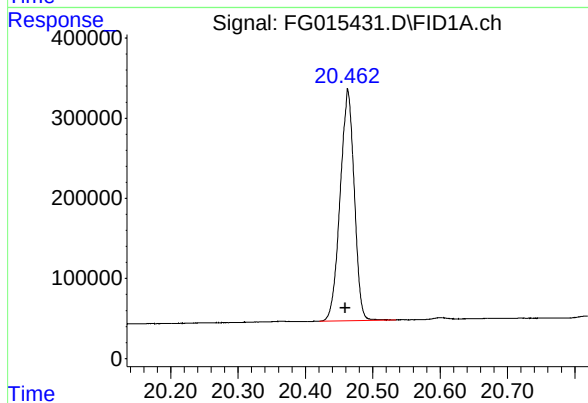
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.004 min
Response: 5396274
Conc: 46.77 ug/ml



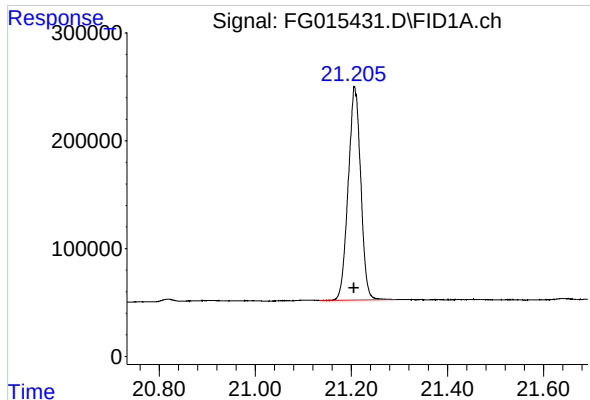
#15 N-TETRATRIACONTANE

R.T.: 19.723 min
Delta R.T.: 0.005 min
Response: 4919040
Conc: 45.80 ug/ml



#16 N-HEXATRIACONTANE

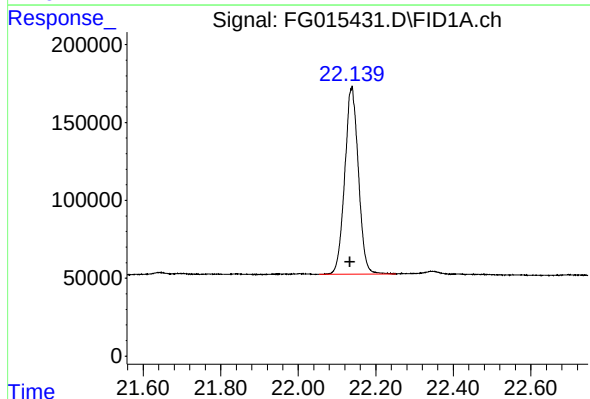
R.T.: 20.463 min
Delta R.T.: 0.004 min
Response: 4197870
Conc: 43.79 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.207 min
Delta R.T.: 0.002 min
Response: 3585023
Conc: 40.17 ug/ml

Instrument :
FID_G
ClientSampleId :
FG030325ICV



#18 N-TETRACONTANE

R.T.: 22.139 min
Delta R.T.: 0.005 min
Response: 2930060
Conc: 35.72 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015431.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 14:14
 Sample : FG030325ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.994	1.960	2.128	BB	393787	5256960	88.55%	5.605%
2	4.533	4.490	4.629	BB	497238	5337269	89.90%	5.690%
3	6.716	6.678	6.785	BB	538643	5569532	93.81%	5.938%
4	8.552	8.507	8.643	BB	528326	5518504	92.95%	5.884%
5	10.166	10.116	10.241	BB	507834	5694355	95.91%	6.071%
6	11.615	11.569	11.682	BB	505253	5937044	100.00%	6.330%
7	12.930	12.890	13.003	BB	488202	5852161	98.57%	6.239%
8	14.133	14.096	14.196	BB	474618	5795980	97.62%	6.179%
9	15.034	14.975	15.142	BB	384520	5263594	88.66%	5.612%
10	15.240	15.157	15.298	BB	454904	5777408	97.31%	6.160%
11	16.263	16.200	16.330	BB	428199	5673674	95.56%	6.049%
12	17.215	17.170	17.285	BB	417958	5564382	93.72%	5.933%
13	18.104	18.037	18.168	BB	402928	5525262	93.06%	5.891%
14	18.939	18.881	19.005	BB	378532	5396274	90.89%	5.753%
15	19.723	19.660	19.791	BB	332312	4919040	82.85%	5.244%
16	20.463	20.420	20.535	BB	286989	4197870	70.71%	4.476%
17	21.207	21.133	21.293	BB	197532	3585023	60.38%	3.822%
18	22.139	22.054	22.252	BV	120391	2930060	49.35%	3.124%
Sum of corrected areas:							93794391	

FG030325.M Tue Mar 04 04:37:35 2025