

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: JACO05
 ProjectID: Former Schlumberger STC PTC Site D3868221
 Lab Code: CHEM Case No.: Q1812 SAS No.: Q1812 SDG No.: Q1812

Calibration Sequence : FG032725		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	128890552	128891	FG015564.D
500	64353708	128707	FG015565.D
200	25939743	129699	FG015566.D
100	13247516	132475	FG015567.D
50	5806744	116135	FG015568.D
AVG RF : 127181		% RSD : 4.998	AVG RT : 15.021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015564.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 08:56
 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 27 10:11:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 10:10:17 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...	15.028	11585120	100.977 ug/ml
Target Compounds			
1) N-OCTANE	1.989	11663185	98.288 ug/ml
2) N-DECANE	4.524	12021702	98.491 ug/ml
3) N-DODECANE	6.707	12455066	98.356 ug/ml
4) N-TETRADECANE	8.545	12767816	98.423 ug/ml
5) N-HEXADECANE	10.159	12974788	99.025 ug/ml
6) N-OCTADECANE	11.609	13298309	99.535 ug/ml
7) N-EICOSANE	12.923	13509187	100.208 ug/ml
8) N-DOCOSANE	14.127	13132063	100.755 ug/ml
10) N-TETRACOSANE	15.234	13093665	101.506 ug/ml
11) N-HEXACOSANE	16.256	12954998	102.301 ug/ml
12) N-OCTACOSANE	17.209	12682958	102.902 ug/ml
13) N-TRIACONTANE	18.099	12604784	103.340 ug/ml
14) N-DOTRIACONTANE	18.932	11983496	105.353 ug/ml
15) N-TETRATRIACONTANE	19.718	10989910	110.987 ug/ml
16) N-HEXATRIACONTANE	20.458	9695272	119.457 ug/ml
17) N-OCTATRIACONTANE	21.201	8711743	127.927 ug/ml
18) N-TETRACONTANE	22.131	7971160	135.353 ug/ml

(f)=RT Delta > 1/2 Window

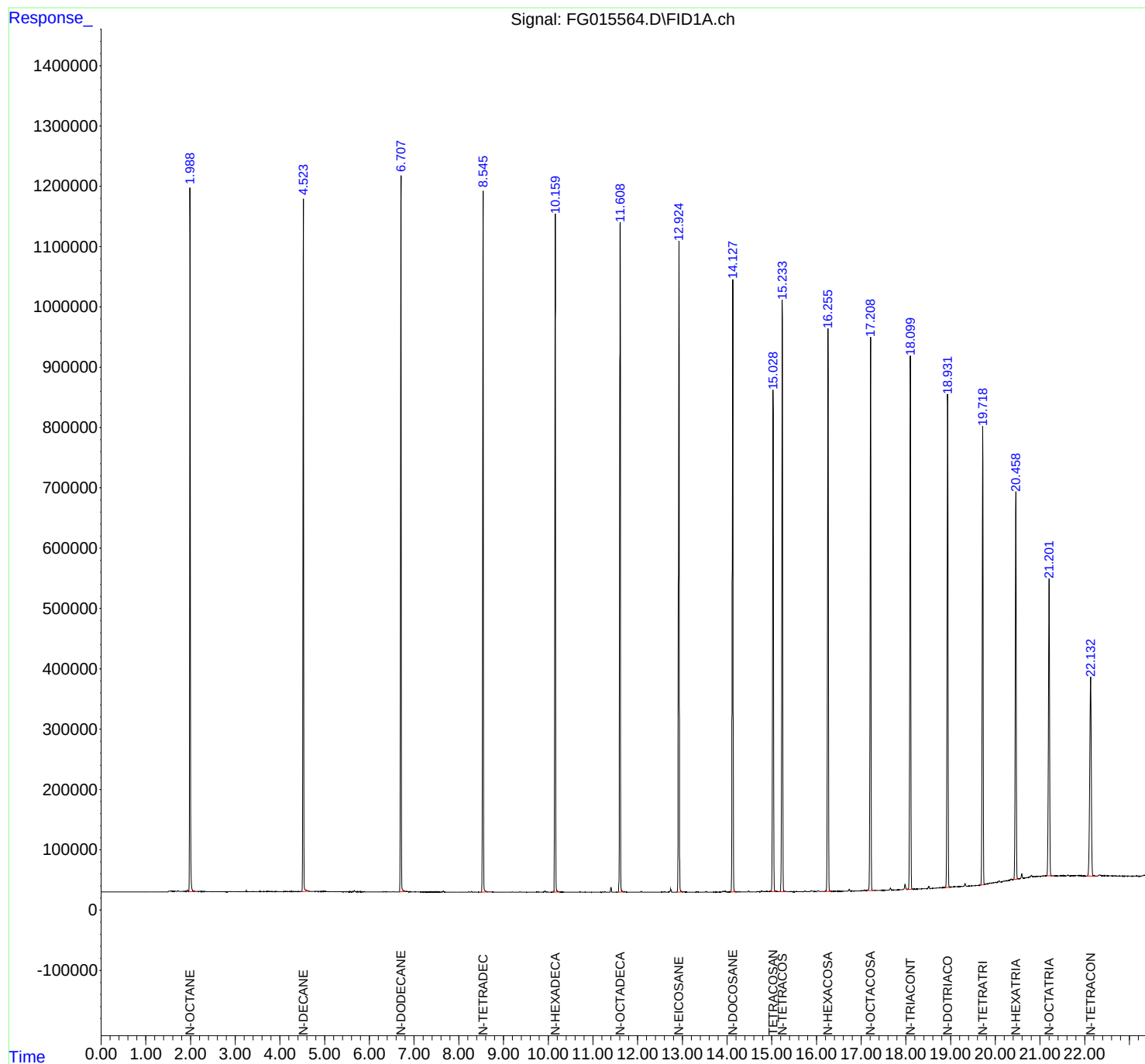
(m)=manual int.

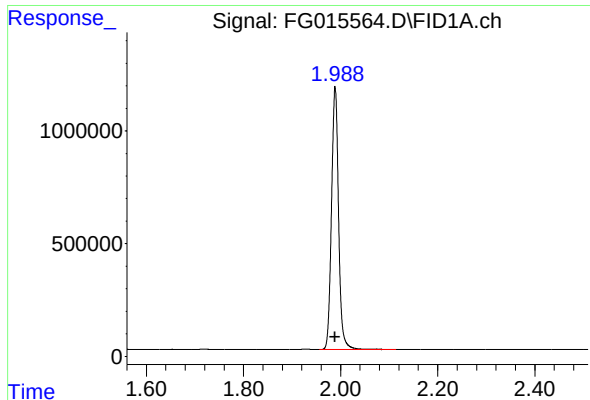
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015564.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 08:56
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 27 10:11:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 10:10:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

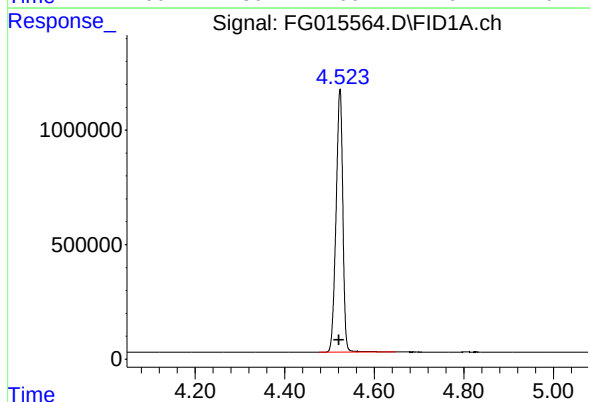




#1 N-OCTANE

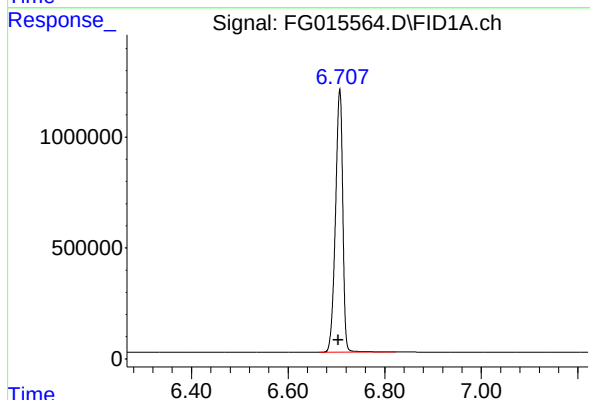
R.T.: 1.989 min
Delta R.T.: 0.000 min
Response: 11663185
Conc: 98.29 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



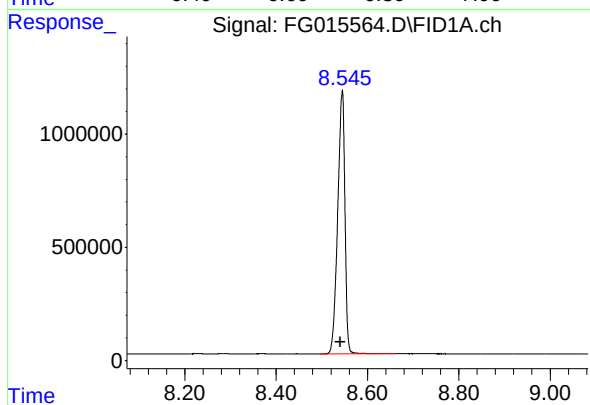
#2 N-DECANE

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 12021702
Conc: 98.49 ug/ml



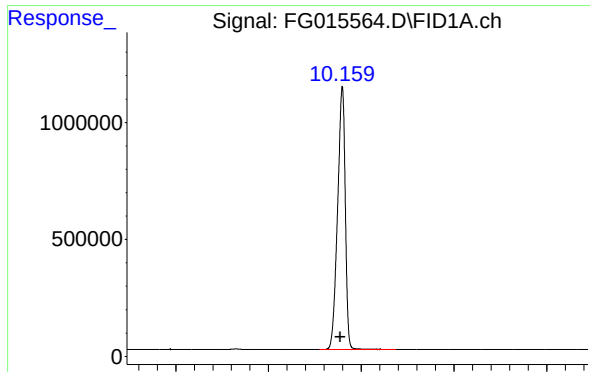
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: 0.003 min
Response: 12455066
Conc: 98.36 ug/ml



#4 N-TETRADECANE

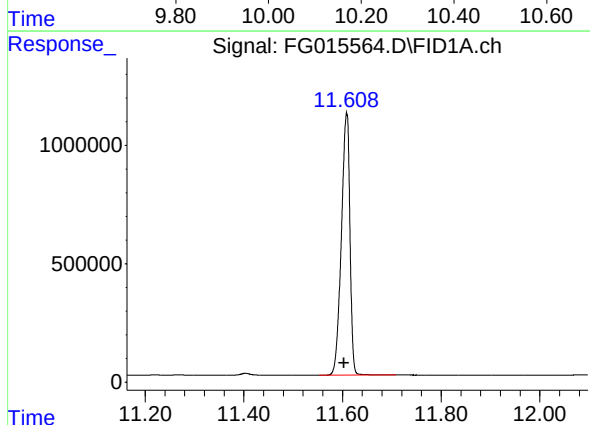
R.T.: 8.545 min
Delta R.T.: 0.005 min
Response: 12767816
Conc: 98.42 ug/ml



#5 N-HEXADECANE

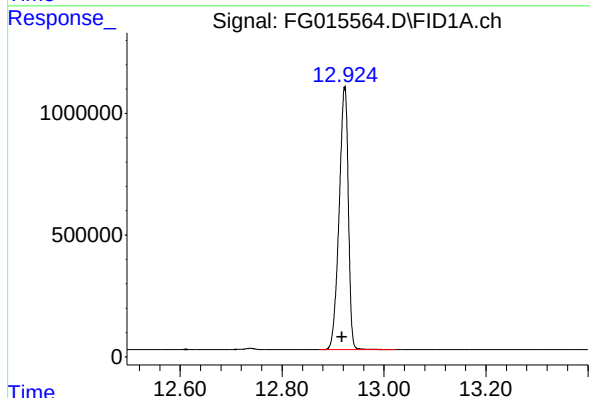
R.T.: 10.159 min
Delta R.T.: 0.004 min
Response: 12974788
Conc: 99.02 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



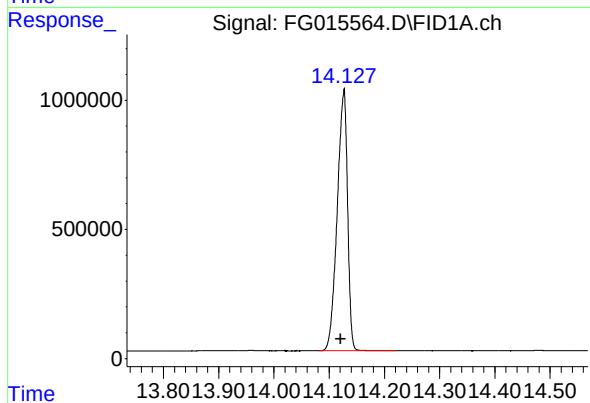
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: 0.006 min
Response: 13298309
Conc: 99.53 ug/ml



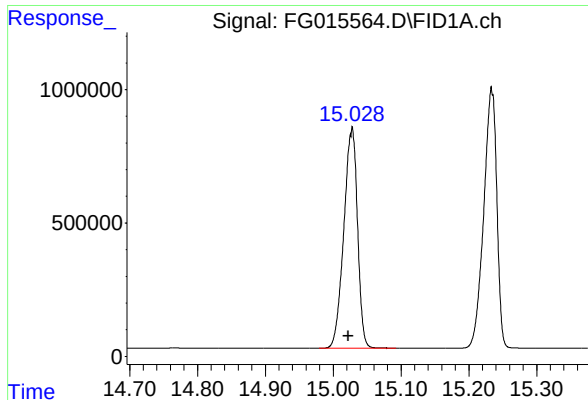
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.005 min
Response: 13509187
Conc: 100.21 ug/ml



#8 N-DOCOSANE

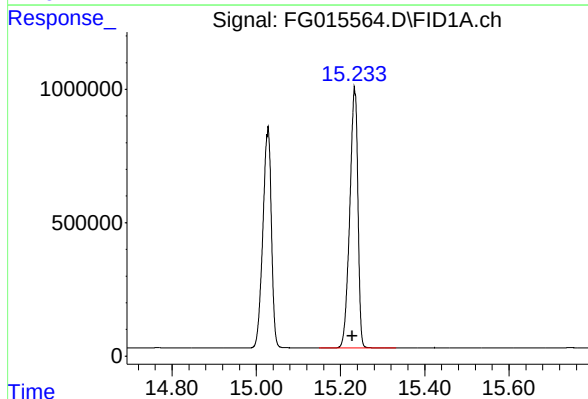
R.T.: 14.127 min
Delta R.T.: 0.006 min
Response: 13132063
Conc: 100.76 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

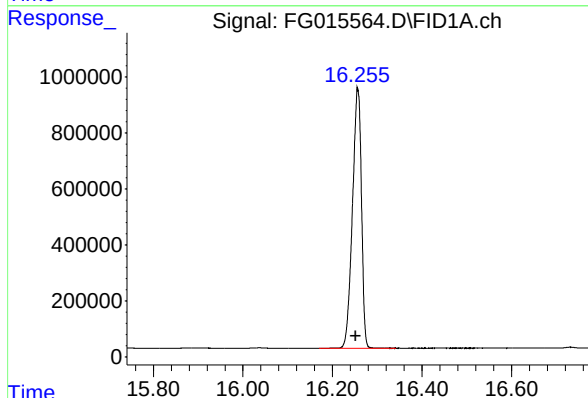
R.T.: 15.028 min
Delta R.T.: 0.006 min
Response: 11585120
Conc: 100.98 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



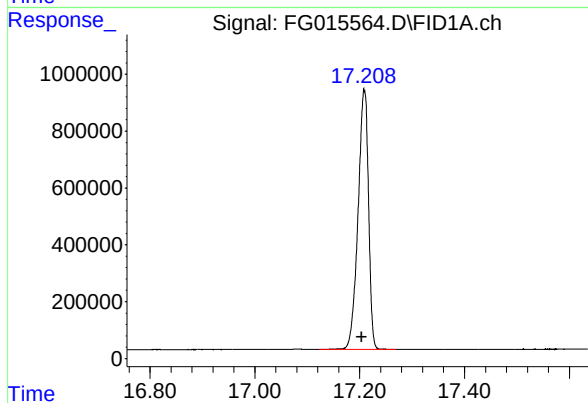
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: 0.006 min
Response: 13093665
Conc: 101.51 ug/ml



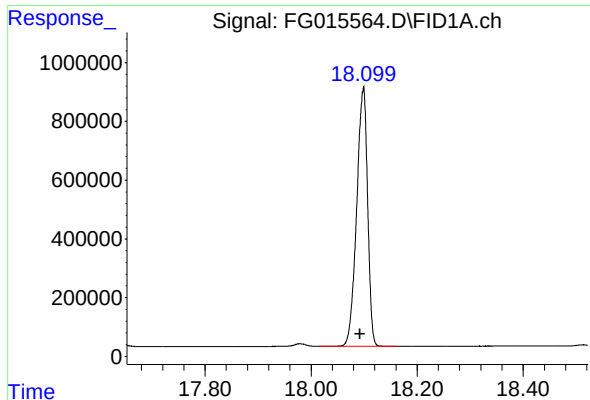
#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: 0.005 min
Response: 12954998
Conc: 102.30 ug/ml



#12 N-OCTACOSANE

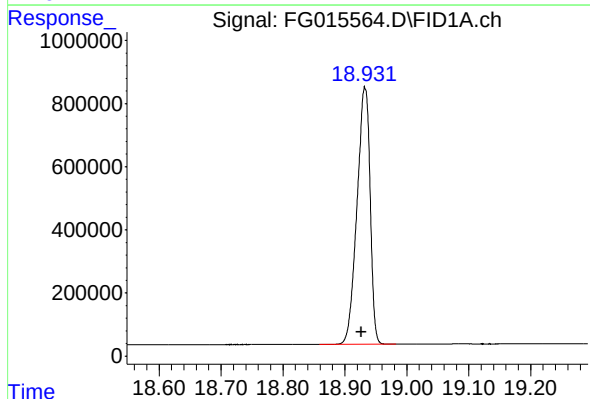
R.T.: 17.209 min
Delta R.T.: 0.005 min
Response: 12682958
Conc: 102.90 ug/ml



#13 N-TRIACONTANE

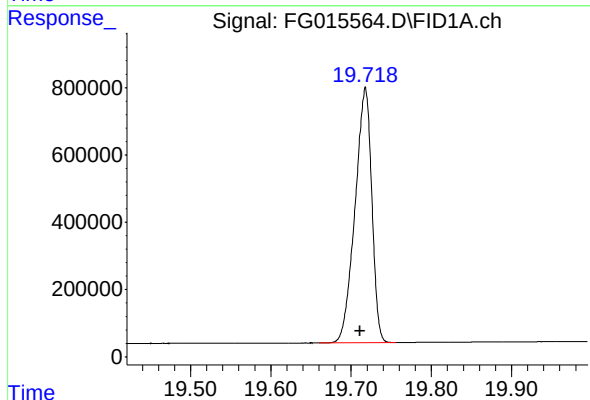
R.T.: 18.099 min
Delta R.T.: 0.006 min
Response: 12604784
Conc: 103.34 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



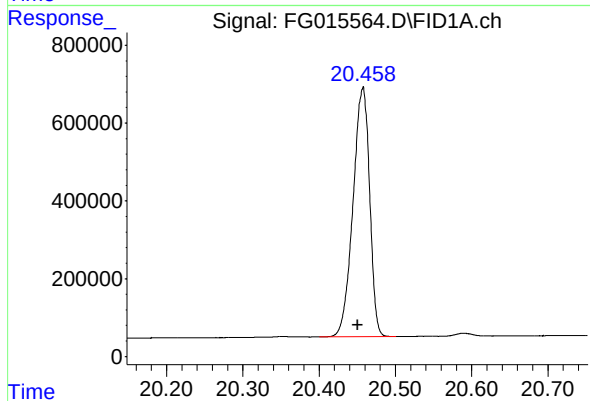
#14 N-DOTRIACONTANE

R.T.: 18.932 min
Delta R.T.: 0.006 min
Response: 11983496
Conc: 105.35 ug/ml



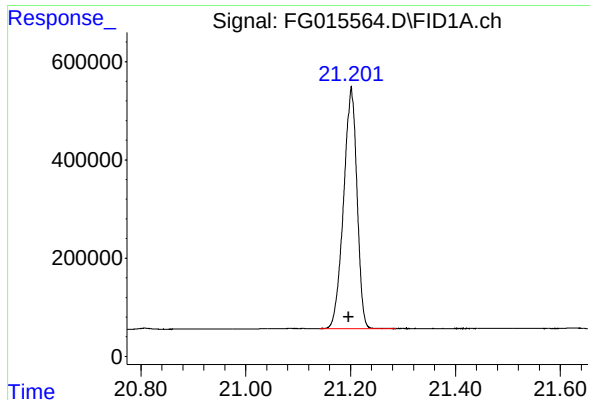
#15 N-TETRATRIACONTANE

R.T.: 19.718 min
Delta R.T.: 0.007 min
Response: 10989910
Conc: 110.99 ug/ml



#16 N-HEXATRIACONTANE

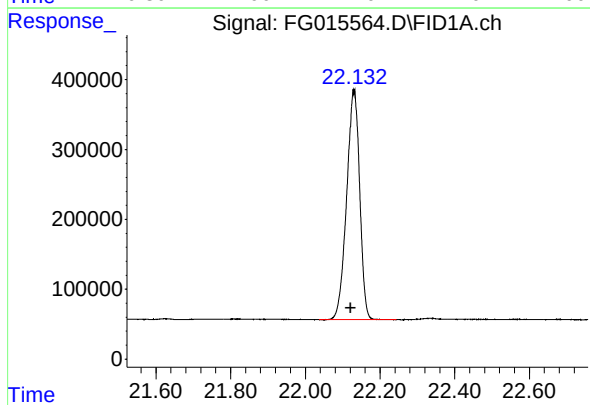
R.T.: 20.458 min
Delta R.T.: 0.007 min
Response: 9695272
Conc: 119.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.201 min
Delta R.T.: 0.005 min
Response: 8711743
Conc: 127.93 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.131 min
Delta R.T.: 0.009 min
Response: 7971160
Conc: 135.35 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015564.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 08:56
Sample : 100 TRPH STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.989	1.956	2.114	PB	1160029	11663185	86.34%	5.448%
2	4.524	4.477	4.648	BB	1147099	12021702	88.99%	5.615%
3	6.707	6.664	6.823	BB	1185516	12455066	92.20%	5.818%
4	8.545	8.494	8.662	BB	1162105	12767816	94.51%	5.964%
5	10.159	10.109	10.275	BB	1125043	12974788	96.04%	6.060%
6	11.609	11.553	11.708	BB	1107467	13298309	98.44%	6.211%
7	12.923	12.873	13.023	BB	1066404	13509187	100.00%	6.310%
8	14.127	14.082	14.221	BB	1007380	13132063	97.21%	6.134%
9	15.028	14.979	15.093	PV	832141	11585120	85.76%	5.411%
10	15.234	15.149	15.332	BB	974146	13093665	96.92%	6.116%
11	16.256	16.170	16.342	BB	919849	12954998	95.90%	6.051%
12	17.209	17.123	17.269	BV	909350	12682958	93.88%	5.924%
13	18.099	18.015	18.160	VB	884149	12604784	93.31%	5.887%
14	18.932	18.858	18.983	BV	811283	11983496	88.71%	5.597%
15	19.718	19.660	19.756	BV	760118	10989910	81.35%	5.133%
16	20.458	20.400	20.501	BV	639118	9695272	71.77%	4.528%
17	21.201	21.140	21.287	BB	492537	8711743	64.49%	4.069%
18	22.131	22.037	22.243	BB	328017	7971160	59.01%	3.723%
Sum of corrected areas:						214095222		

FG032725.M Fri Mar 28 04:44:28 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015565.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 09:26
 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 27 10:10:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 10:10:17 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...	15.022	5736491	50.000 ug/ml
Target Compounds			
1) N-OCTANE	1.989	5933145	50.000 ug/ml
2) N-DECANE	4.521	6102939	50.000 ug/ml
3) N-DODECANE	6.704	6331600	50.000 ug/ml
4) N-TETRADECANE	8.540	6486167	50.000 ug/ml
5) N-HEXADECANE	10.155	6551270	50.000 ug/ml
6) N-OCTADECANE	11.603	6680218	50.000 ug/ml
7) N-EICOSANE	12.918	6740576	50.000 ug/ml
8) N-DOCOSANE	14.120	6516829	50.000 ug/ml
10) N-TETRACOSANE	15.228	6449670	50.000 ug/ml
11) N-HEXACOSANE	16.251	6331779	50.000 ug/ml
12) N-OCTACOSANE	17.203	6162660	50.000 ug/ml
13) N-TRIACONTANE	18.092	6098689	50.000 ug/ml
14) N-DOTRIACONTANE	18.927	5687284	50.000 ug/ml
15) N-TETRATRIACONTANE	19.711	4951006	50.000 ug/ml
16) N-HEXATRIACONTANE	20.451	4058060	50.000 ug/ml
17) N-OCTATRIACONTANE	21.196	3404959	50.000 ug/ml
18) N-TETRACONTANE	22.122	2944576	50.000 ug/ml

(f)=RT Delta > 1/2 Window

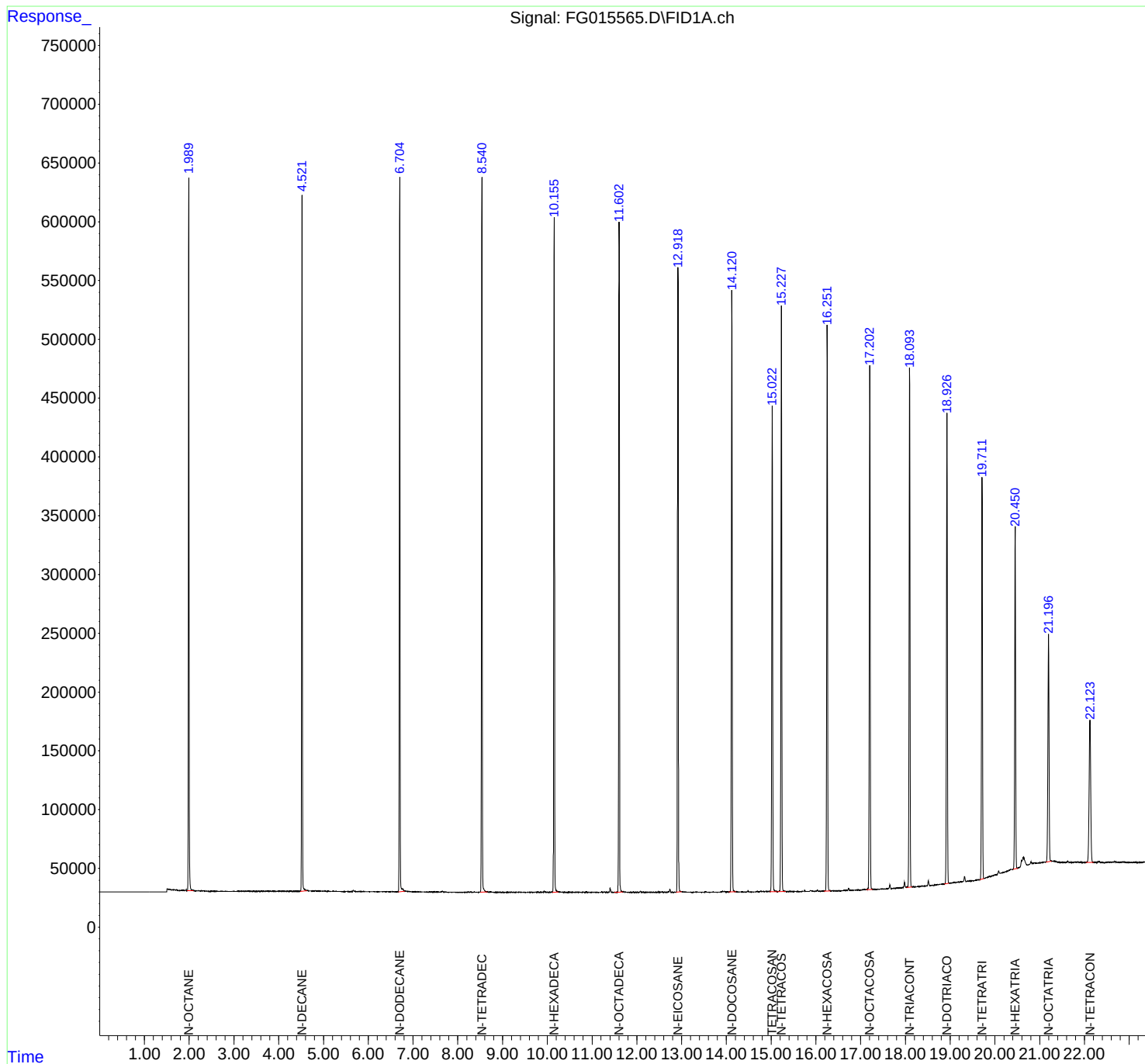
(m)=manual int.

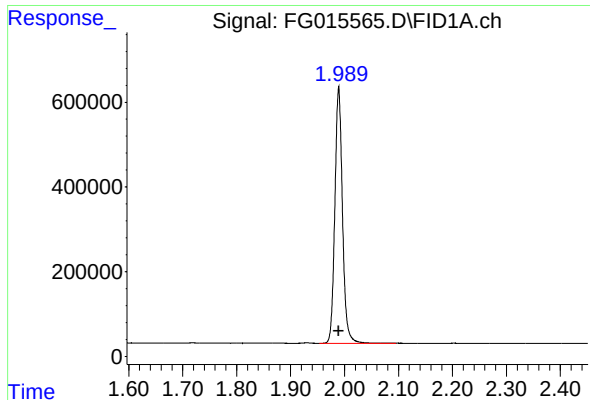
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015565.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 09:26
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 27 10:10:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 10:10:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

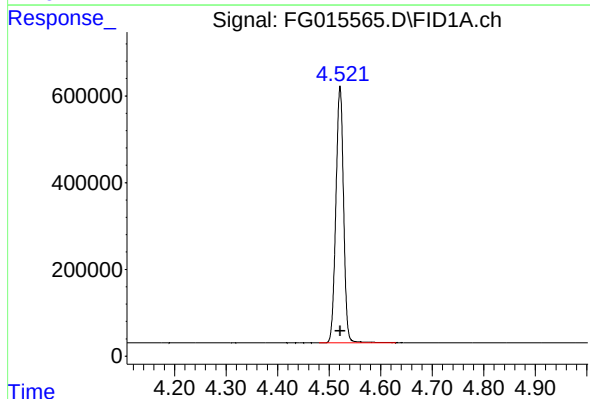




#1 N-OCTANE

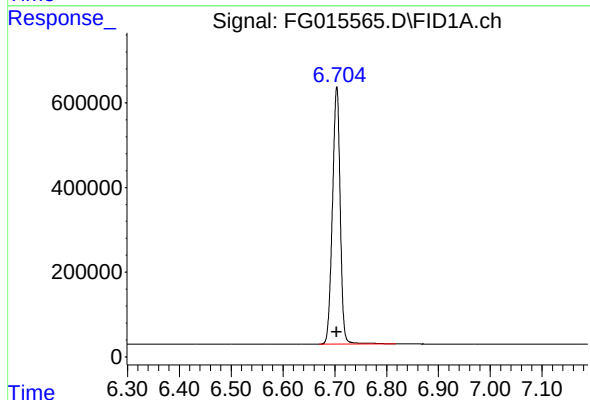
R.T.: 1.989 min
Delta R.T.: 0.000 min
Response: 5933145
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



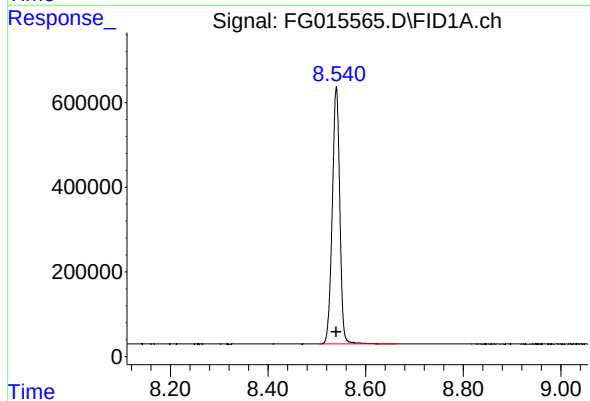
#2 N-DECANE

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 6102939
Conc: 50.00 ug/ml



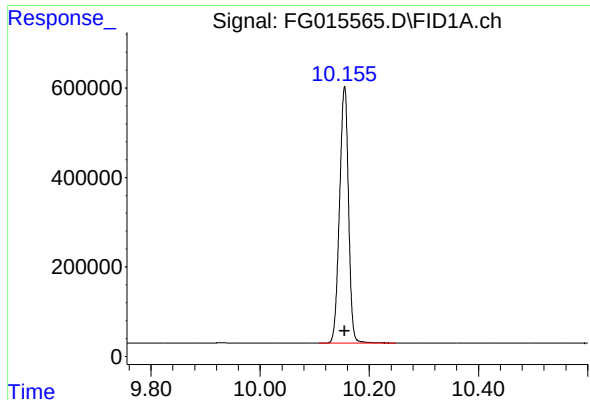
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 6331600
Conc: 50.00 ug/ml



#4 N-TETRADECANE

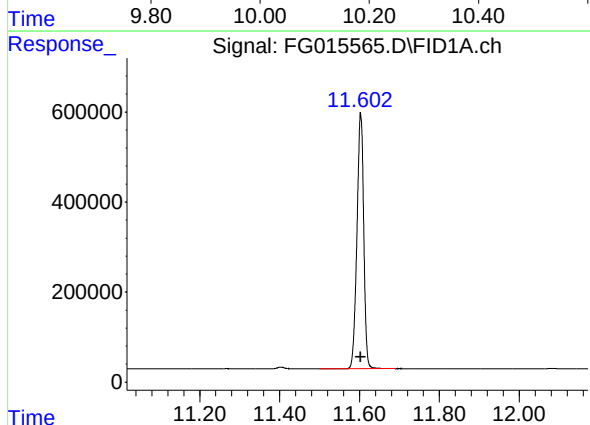
R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 6486167
Conc: 50.00 ug/ml



#5 N-HEXADECANE

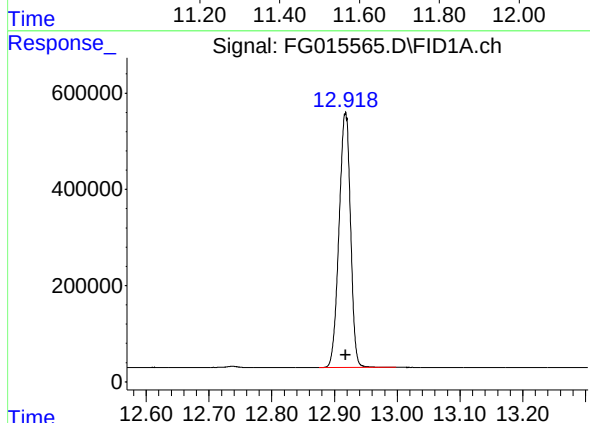
R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 6551270
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



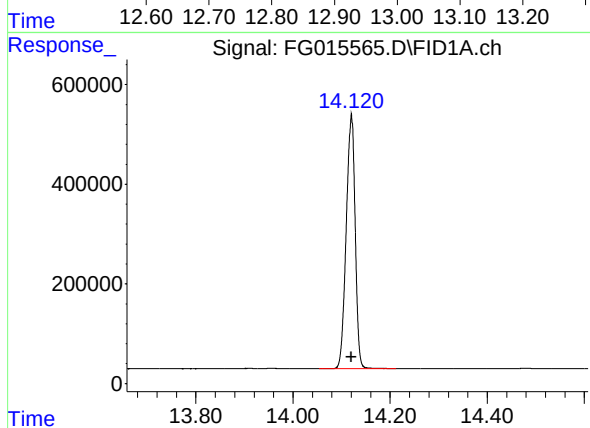
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 6680218
Conc: 50.00 ug/ml



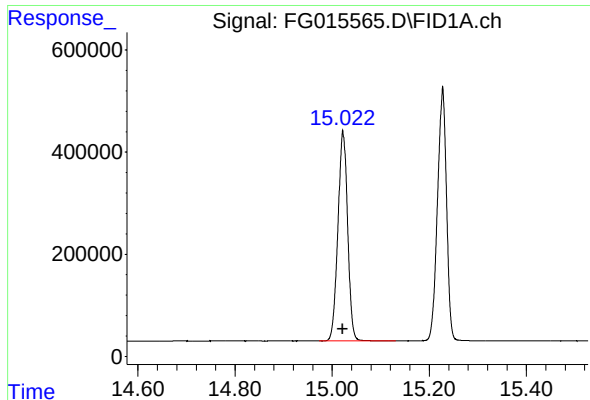
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 6740576
Conc: 50.00 ug/ml



#8 N-DOCOSANE

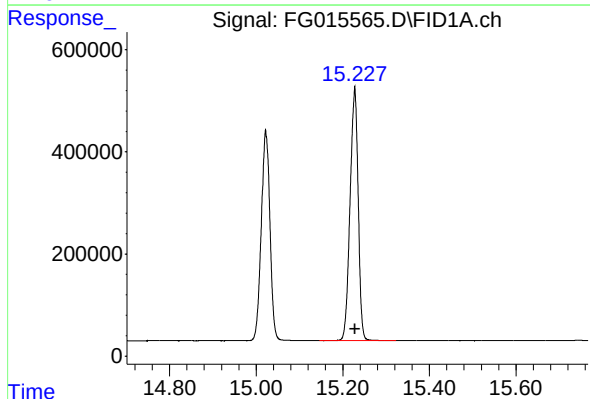
R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 6516829
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

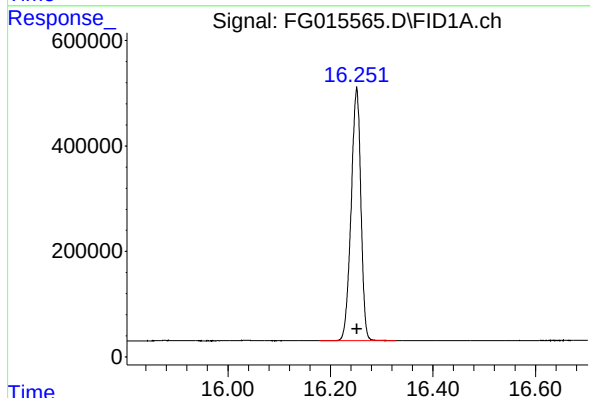
R.T.: 15.022 min
Delta R.T.: 0.000 min
Response: 5736491
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



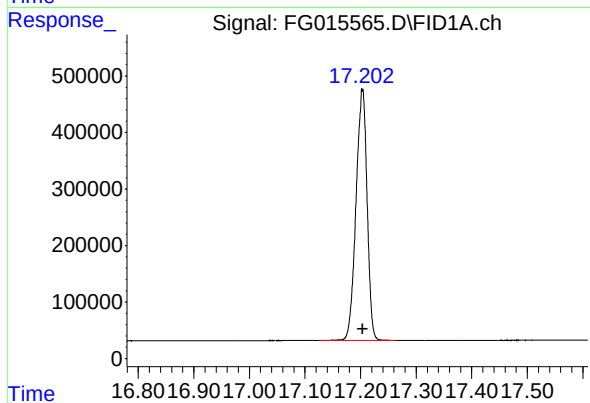
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: 0.000 min
Response: 6449670
Conc: 50.00 ug/ml



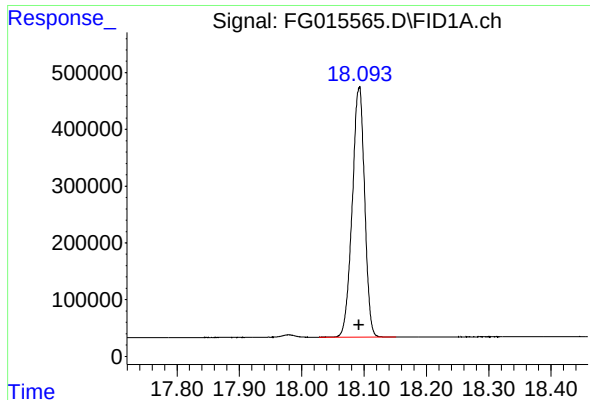
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 6331779
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

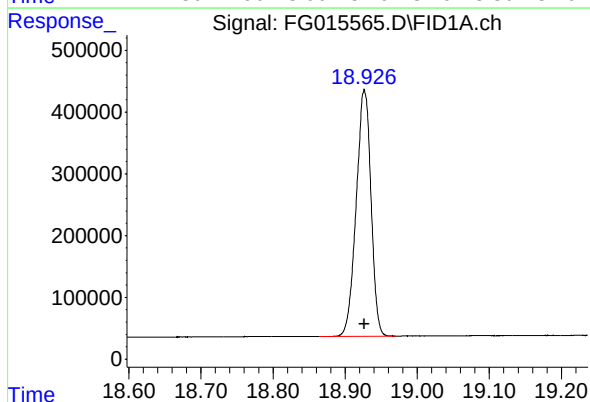
R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 6162660
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

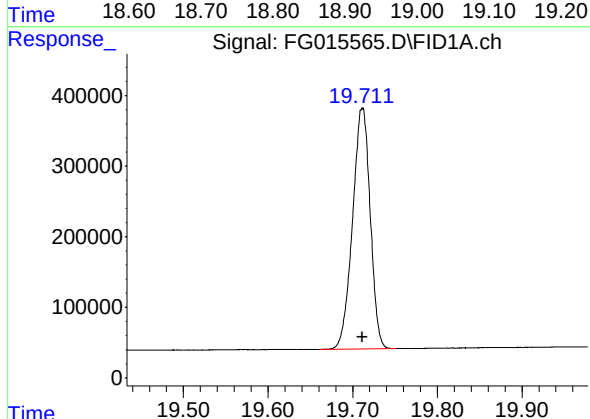
R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 6098689
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



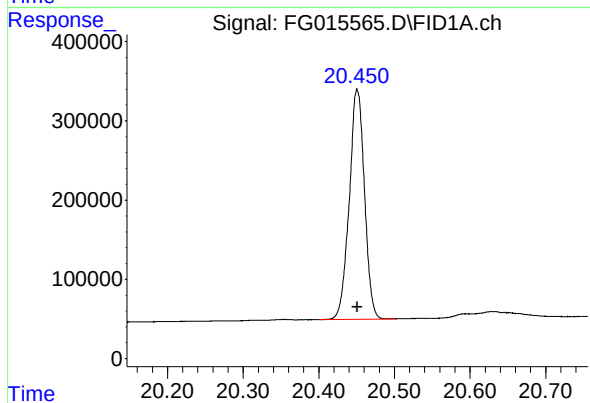
#14 N-DOTRIACONTANE

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 5687284
Conc: 50.00 ug/ml



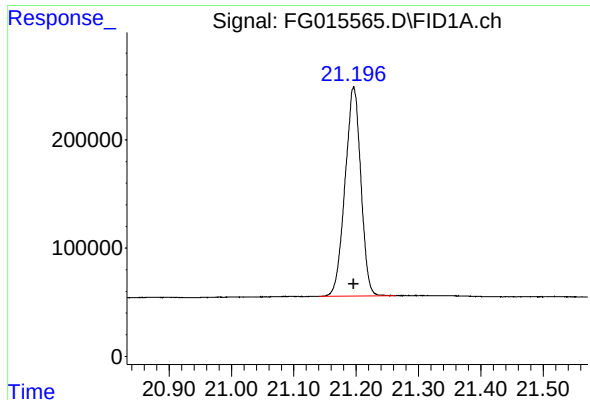
#15 N-TETRATRIACONTANE

R.T.: 19.711 min
Delta R.T.: 0.000 min
Response: 4951006
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

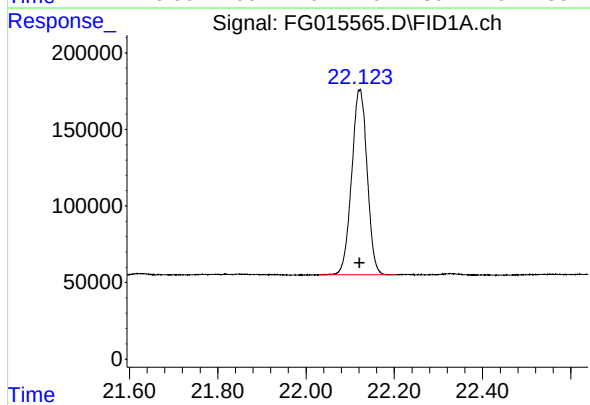
R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 4058060
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.196 min
Delta R.T.: 0.000 min
Response: 3404959
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.122 min
Delta R.T.: 0.000 min
Response: 2944576
Conc: 50.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015565.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 09:26
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.989	1.953	2.095	BB	606156	5933145	88.02%	5.751%
2	4.521	4.480	4.630	BB	591601	6102939	90.54%	5.916%
3	6.704	6.670	6.818	BB	607660	6331600	93.93%	6.137%
4	8.540	8.505	8.662	BB	608311	6486167	96.23%	6.287%
5	10.155	10.108	10.249	BB	573501	6551270	97.19%	6.350%
6	11.603	11.499	11.691	BB	565610	6680218	99.10%	6.475%
7	12.918	12.875	12.998	BB	529632	6740576	100.00%	6.534%
8	14.120	14.054	14.212	BB	510642	6516829	96.68%	6.317%
9	15.022	14.973	15.131	BB	411826	5736491	85.10%	5.560%
10	15.228	15.145	15.323	BB	498230	6449670	95.68%	6.252%
11	16.251	16.178	16.328	BB	481049	6331779	93.94%	6.137%
12	17.204	17.125	17.264	BB	441360	6162660	91.43%	5.973%
13	18.092	18.028	18.151	BB	439724	6098689	90.48%	5.911%
14	18.927	18.864	18.970	BV	399358	5687284	84.37%	5.513%
15	19.711	19.660	19.751	BV	341355	4951006	73.45%	4.799%
16	20.451	20.400	20.502	BV	289294	4058060	60.20%	3.933%
17	21.196	21.140	21.264	BB	193578	3404959	50.51%	3.300%
18	22.122	22.030	22.204	BB	120704	2944576	43.68%	2.854%
Sum of corrected areas:						103167916		

FG032725.M Fri Mar 28 04:45:24 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015566.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 09:55
 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 27 10:12:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 10:10:17 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	2316571	20.093 ug/ml
Target Compounds			
1) N-OCTANE	1.991	2367896	20.127 ug/ml
2) N-DECANE	4.520	2415965	19.944 ug/ml
3) N-DODECANE	6.702	2493638	19.855 ug/ml
4) N-TETRADECANE	8.538	2604089	20.234 ug/ml
5) N-HEXADECANE	10.152	2647683	20.306 ug/ml
6) N-OCTADECANE	11.601	2699154	20.250 ug/ml
7) N-EICOSANE	12.915	2724346	20.188 ug/ml
8) N-DOCOSANE	14.117	2632870	20.125 ug/ml
10) N-TETRACOSANE	15.223	2614047	20.113 ug/ml
11) N-HEXACOSANE	16.248	2578760	20.132 ug/ml
12) N-OCTACOSANE	17.200	2529191	20.227 ug/ml
13) N-TRIACONTANE	18.090	2522959	20.345 ug/ml
14) N-DOTRIACONTANE	18.925	2371858	20.309 ug/ml
15) N-TETRATRIACONTANE	19.709	2071847	19.834 ug/ml
16) N-HEXATRIACONTANE	20.449	1708395	19.183 ug/ml
17) N-OCTATRIACONTANE	21.193	1445409	18.624 ug/ml
18) N-TETRACONTANE	22.117	1244629	17.960 ug/ml

(f)=RT Delta > 1/2 Window

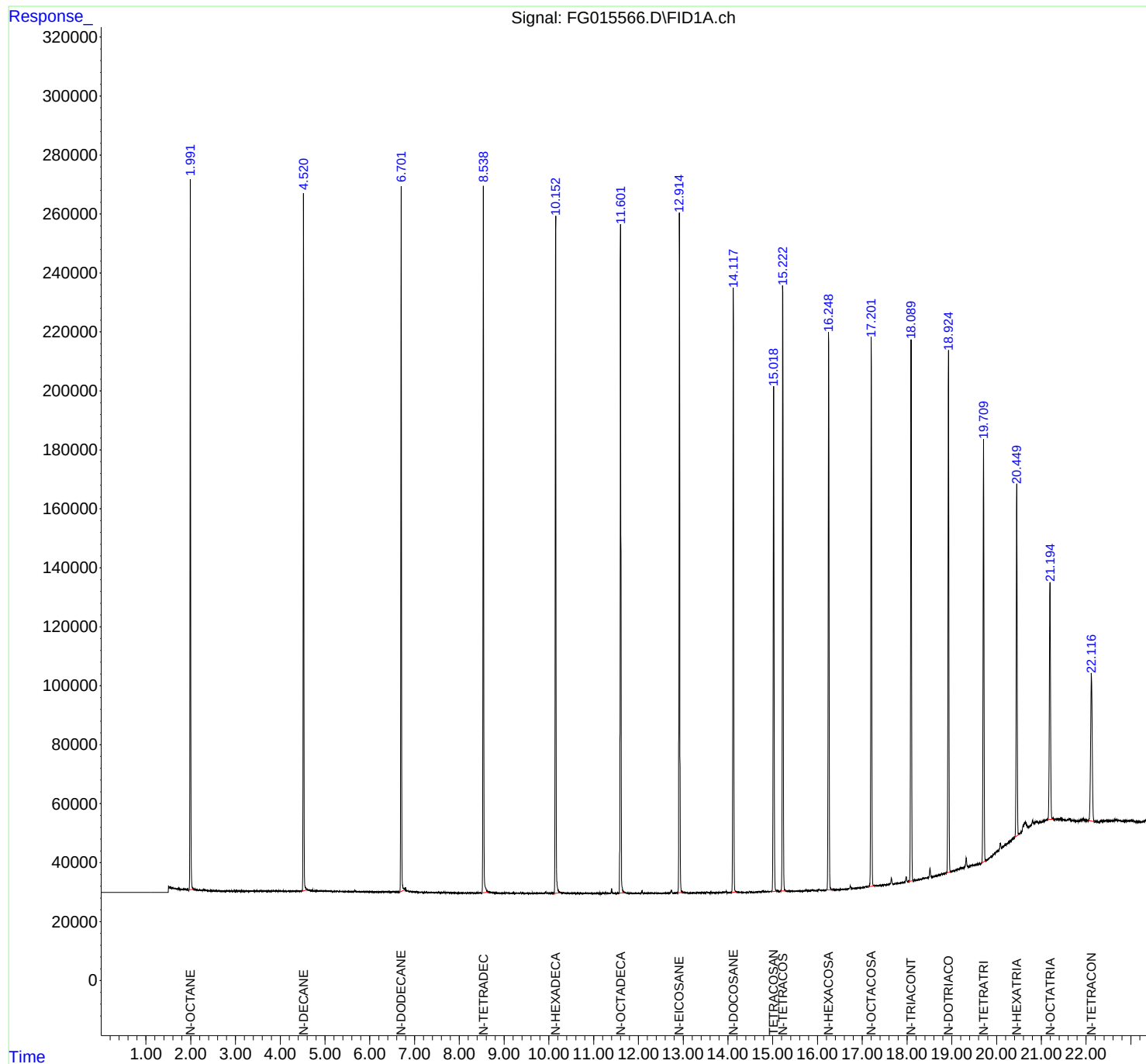
(m)=manual int.

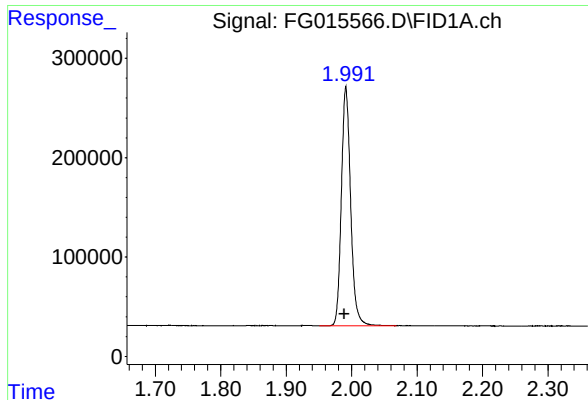
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015566.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 09:55
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 27 10:12:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 10:10:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

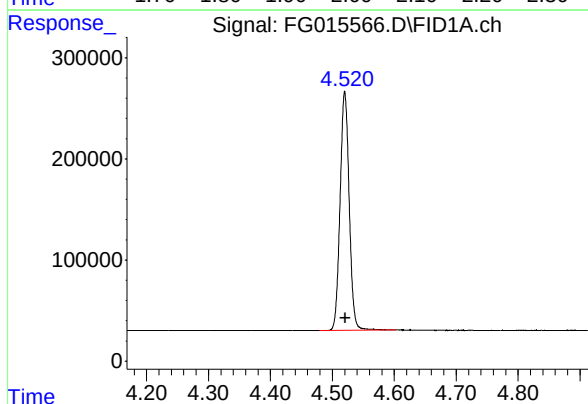




#1 N-OCTANE

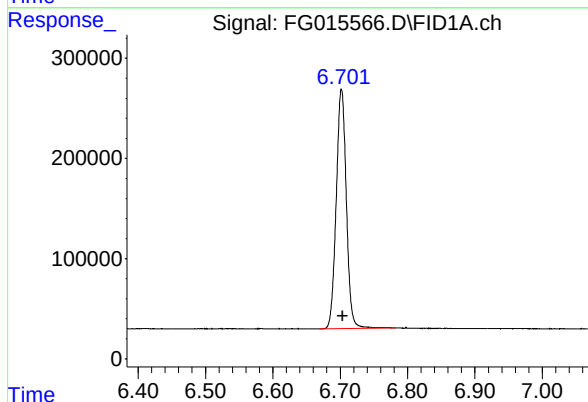
R.T.: 1.991 min
Delta R.T.: 0.002 min
Response: 2367896
Conc: 20.13 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



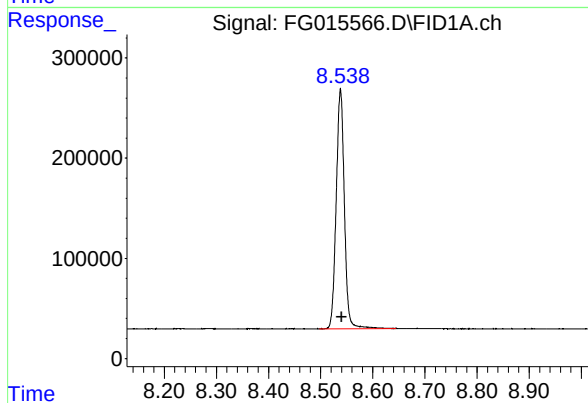
#2 N-DECANE

R.T.: 4.520 min
Delta R.T.: -0.001 min
Response: 2415965
Conc: 19.94 ug/ml



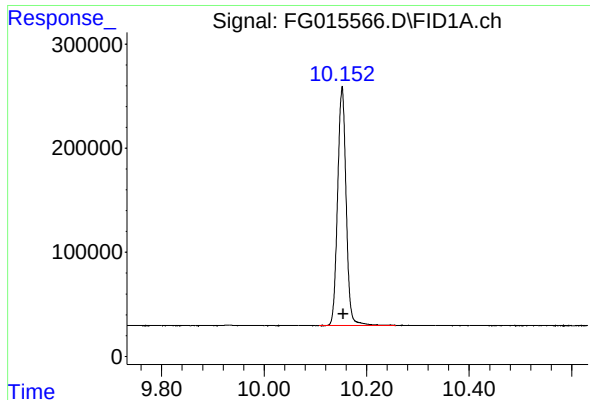
#3 N-DODECANE

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 2493638
Conc: 19.86 ug/ml



#4 N-TETRADECANE

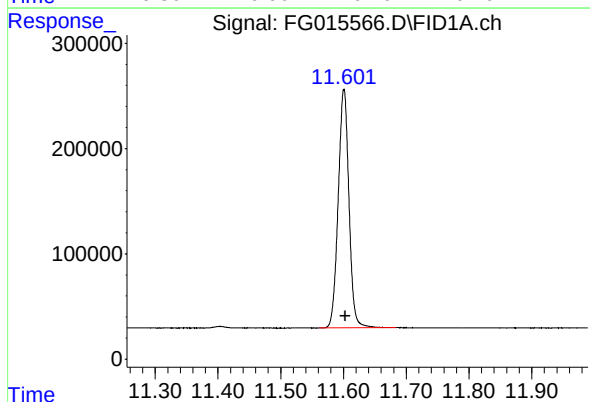
R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 2604089
Conc: 20.23 ug/ml



#5 N-HEXADECANE

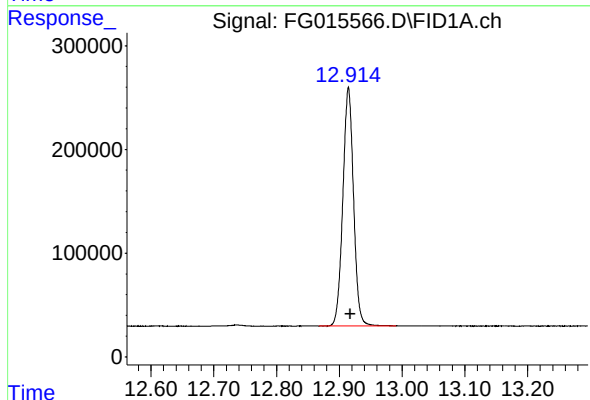
R.T.: 10.152 min
Delta R.T.: -0.003 min
Response: 2647683
Conc: 20.31 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



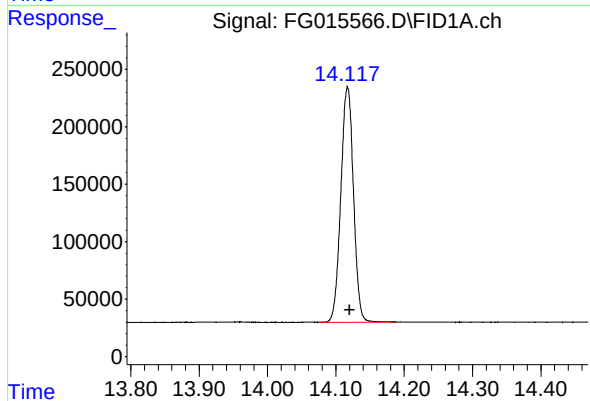
#6 N-OCTADECANE

R.T.: 11.601 min
Delta R.T.: -0.002 min
Response: 2699154
Conc: 20.25 ug/ml



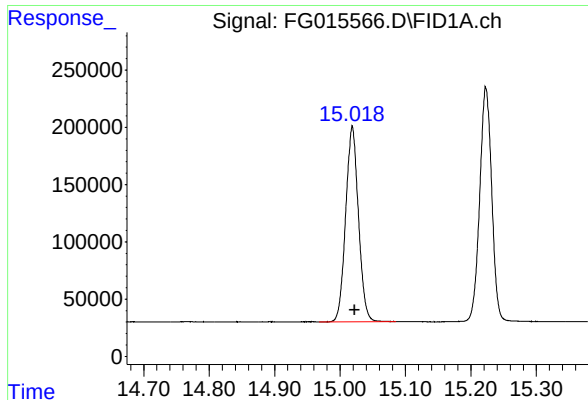
#7 N-EICOSANE

R.T.: 12.915 min
Delta R.T.: -0.003 min
Response: 2724346
Conc: 20.19 ug/ml



#8 N-DOCOSANE

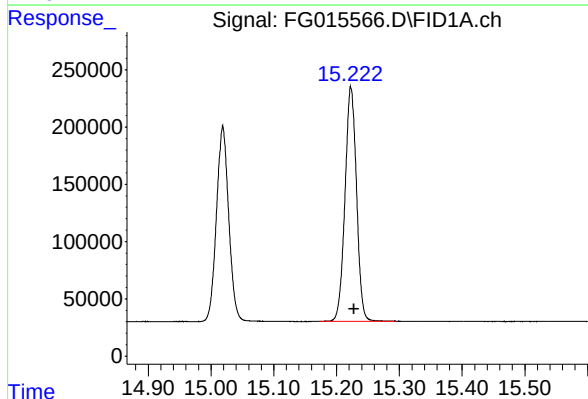
R.T.: 14.117 min
Delta R.T.: -0.003 min
Response: 2632870
Conc: 20.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

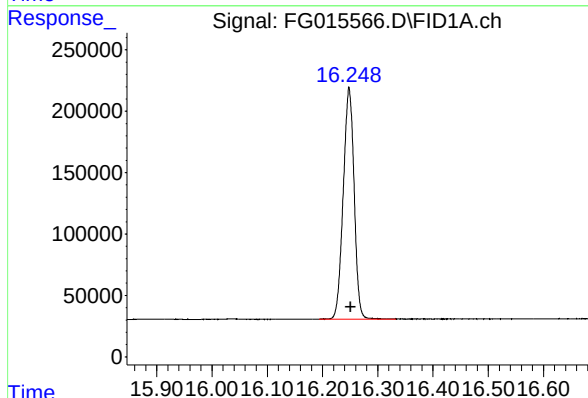
R.T.: 15.019 min
Delta R.T.: -0.003 min
Response: 2316571
Conc: 20.09 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



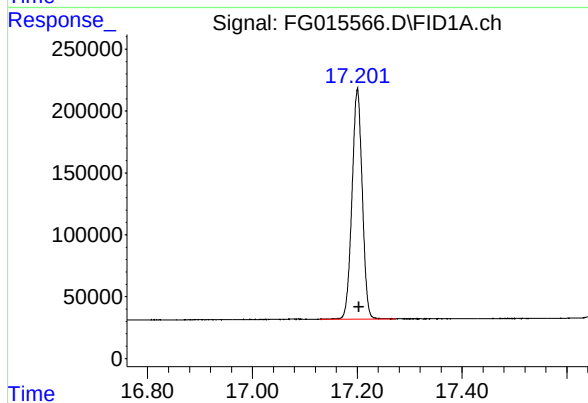
#10 N-TETRACOSANE

R.T.: 15.223 min
Delta R.T.: -0.005 min
Response: 2614047
Conc: 20.11 ug/ml



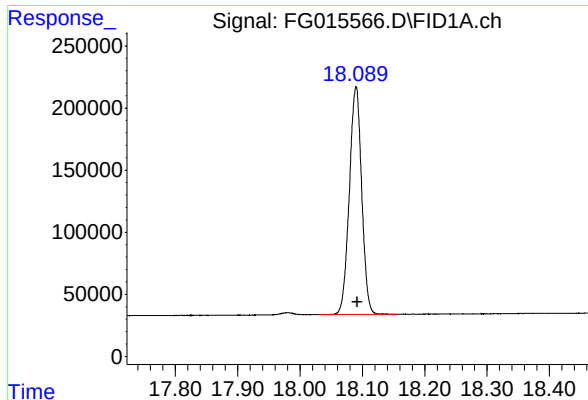
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.003 min
Response: 2578760
Conc: 20.13 ug/ml



#12 N-OCTACOSANE

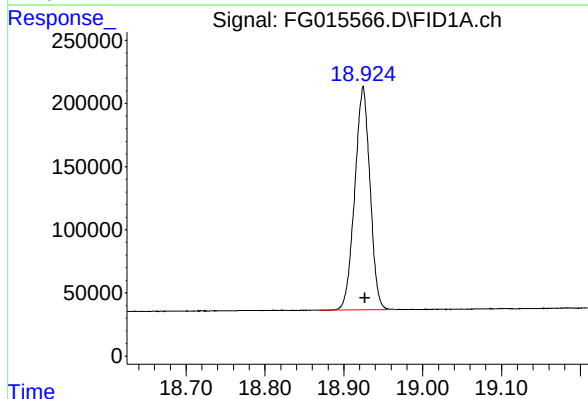
R.T.: 17.200 min
Delta R.T.: -0.003 min
Response: 2529191
Conc: 20.23 ug/ml



#13 N-TRIACONTANE

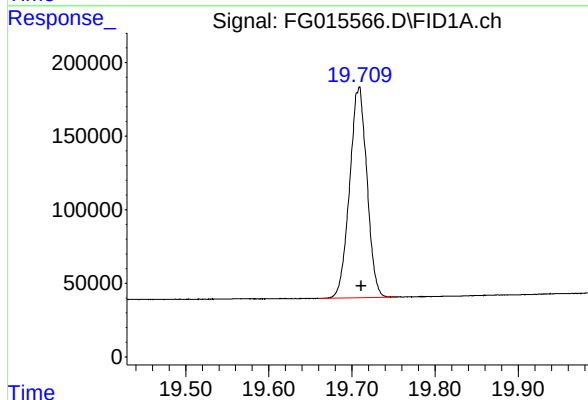
R.T.: 18.090 min
Delta R.T.: -0.002 min
Response: 2522959
Conc: 20.34 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



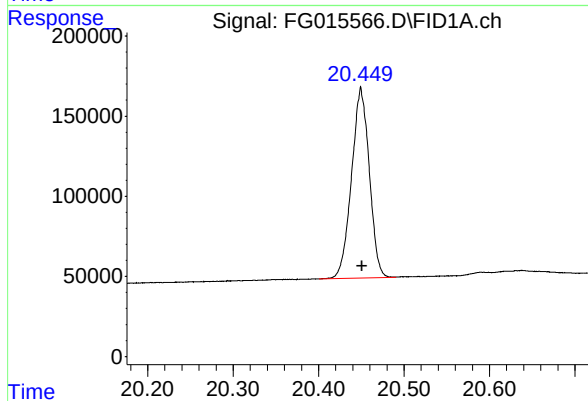
#14 N-DOTRIACONTANE

R.T.: 18.925 min
Delta R.T.: -0.002 min
Response: 2371858
Conc: 20.31 ug/ml



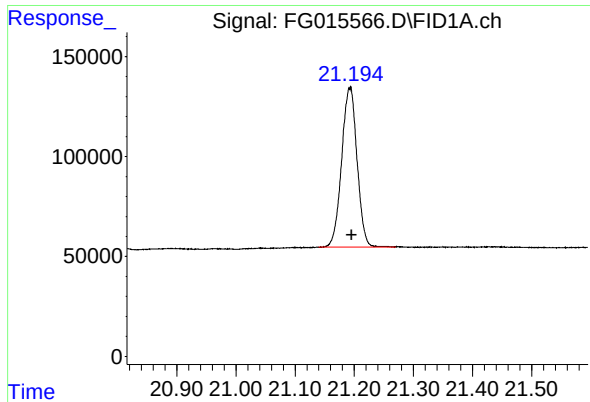
#15 N-TETRATRIACONTANE

R.T.: 19.709 min
Delta R.T.: -0.003 min
Response: 2071847
Conc: 19.83 ug/ml



#16 N-HEXATRIACONTANE

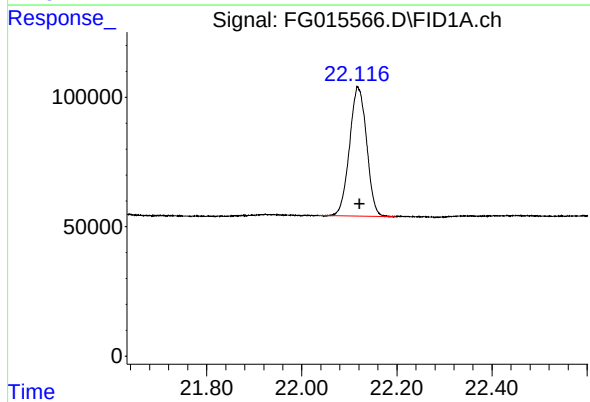
R.T.: 20.449 min
Delta R.T.: -0.001 min
Response: 1708395
Conc: 19.18 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.193 min
Delta R.T.: -0.003 min
Response: 1445409
Conc: 18.62 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.117 min
Delta R.T.: -0.005 min
Response: 1244629
Conc: 17.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015566.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 09:55
Sample : 20 TRPH STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.991	1.950	2.068	BB	240346	2367896	86.92%	5.639%
2	4.520	4.479	4.603	BB	236341	2415965	88.68%	5.754%
3	6.702	6.669	6.783	BB	238894	2493638	91.53%	5.939%
4	8.538	8.497	8.645	BB	239305	2604089	95.59%	6.202%
5	10.152	10.107	10.257	BB	229329	2647683	97.19%	6.306%
6	11.601	11.561	11.684	BB	226775	2699154	99.08%	6.428%
7	12.915	12.868	12.990	BB	230343	2724346	100.00%	6.488%
8	14.117	14.075	14.188	BB	204865	2632870	96.64%	6.270%
9	15.019	14.968	15.085	BB	171113	2316571	85.03%	5.517%
10	15.223	15.172	15.295	BB	203869	2614047	95.95%	6.226%
11	16.248	16.194	16.333	BB	189066	2578760	94.66%	6.141%
12	17.200	17.127	17.274	BB	185282	2529191	92.84%	6.023%
13	18.090	18.030	18.154	BB	183035	2522959	92.61%	6.009%
14	18.925	18.869	18.966	BB	176991	2371858	87.06%	5.649%
15	19.709	19.660	19.753	BB	143024	2071847	76.05%	4.934%
16	20.449	20.400	20.490	BV	118959	1708395	62.71%	4.069%
17	21.193	21.140	21.270	BB	78900	1445409	53.06%	3.442%
18	22.117	22.036	22.198	BB	49880	1244629	45.69%	2.964%
Sum of corrected areas:							41989304	

FG032725.M Fri Mar 28 04:46:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015567.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 10:24
 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 27 10:34:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 10:12:40 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...	15.018	1195793	10.356 ug/ml
Target Compounds			
1) N-OCTANE	1.990	1212240	10.282 ug/ml
2) N-DECANE	4.520	1225955	10.130 ug/ml
3) N-DODECANE	6.701	1251657	9.990 ug/ml
4) N-TETRADECANE	8.537	1308108	10.125 ug/ml
5) N-HEXADECANE	10.151	1336623	10.199 ug/ml
6) N-OCTADECANE	11.599	1377571	10.292 ug/ml
7) N-EICOSANE	12.914	1398350	10.330 ug/ml
8) N-DOCOSANE	14.115	1356757	10.349 ug/ml
10) N-TETRACOSANE	15.223	1359377	10.440 ug/ml
11) N-HEXACOSANE	16.247	1326948	10.337 ug/ml
12) N-OCTACOSANE	17.199	1306170	10.407 ug/ml
13) N-TRIACONTANE	18.088	1313598	10.532 ug/ml
14) N-DOTRIACONTANE	18.923	1250153	10.649 ug/ml
15) N-TETRATRIACONTANE	19.708	1099428	10.554 ug/ml
16) N-HEXATRIACONTANE	20.449	909217	10.350 ug/ml
17) N-OCTATRIACONTANE	21.191	787789	10.389 ug/ml
18) N-TETRACONTANE	22.118	696571	10.405 ug/ml

(f)=RT Delta > 1/2 Window

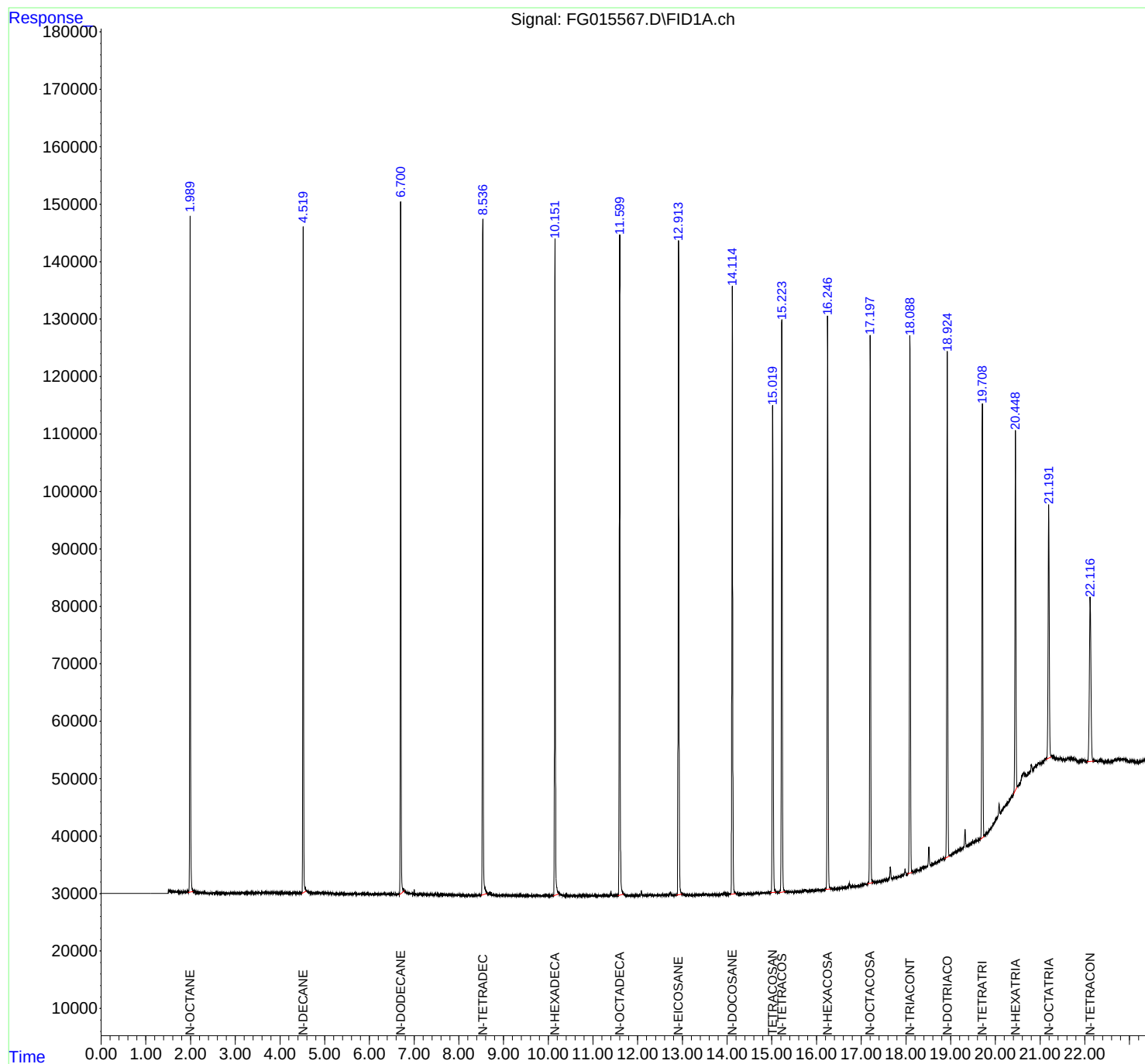
(m)=manual int.

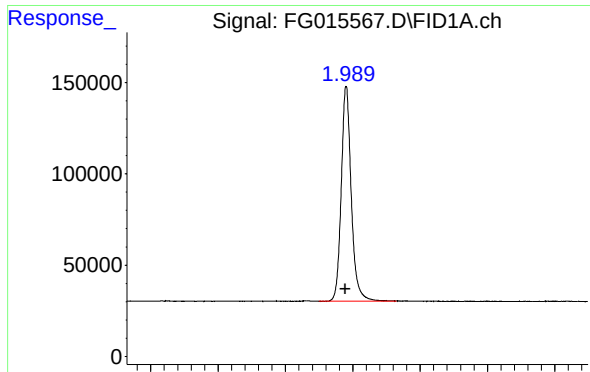
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015567.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 10:24
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 27 10:34:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 10:12:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

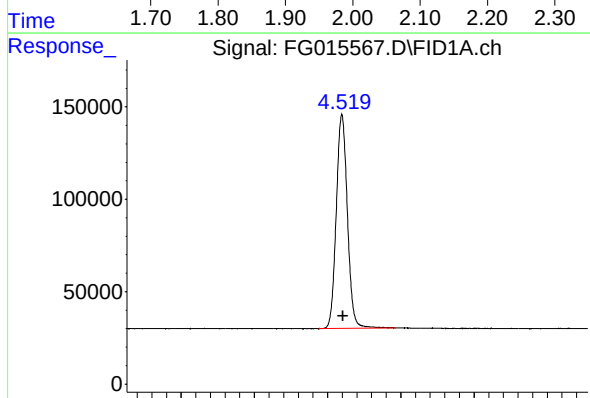




#1 N-OCTANE

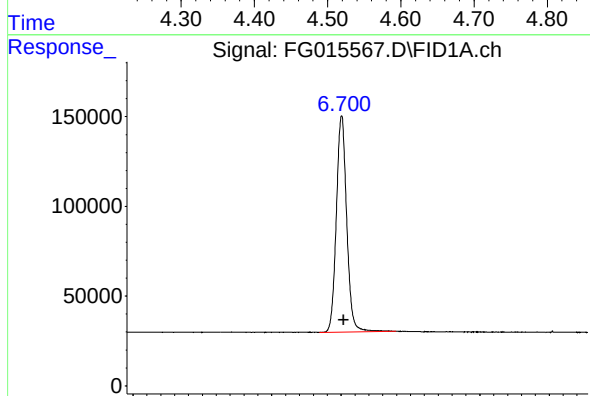
R.T.: 1.990 min
Delta R.T.: 0.001 min
Response: 1212240
Conc: 10.28 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



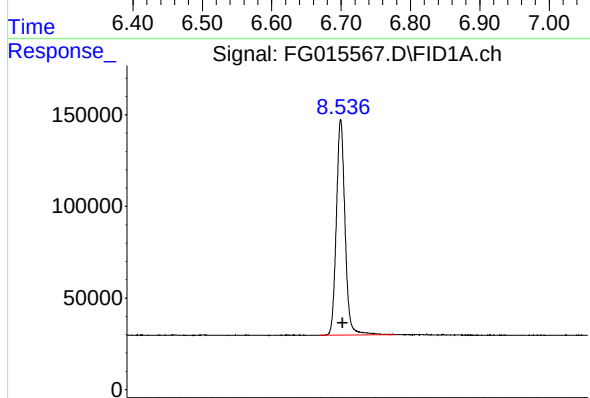
#2 N-DECANE

R.T.: 4.520 min
Delta R.T.: -0.002 min
Response: 1225955
Conc: 10.13 ug/ml



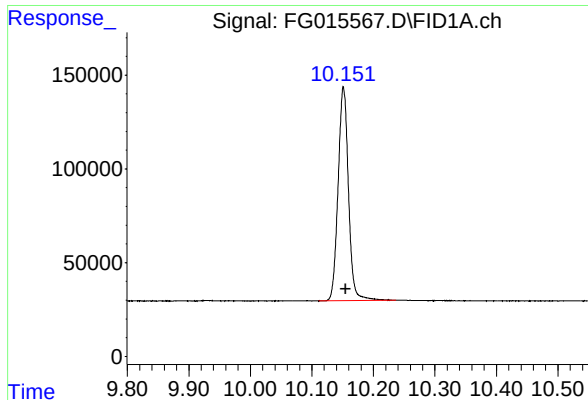
#3 N-DODECANE

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 1251657
Conc: 9.99 ug/ml



#4 N-TETRADECANE

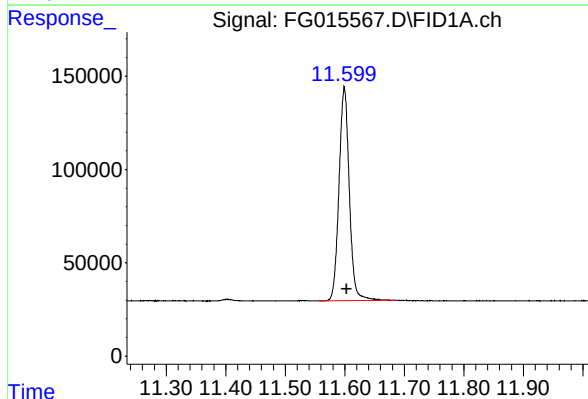
R.T.: 8.537 min
Delta R.T.: -0.004 min
Response: 1308108
Conc: 10.12 ug/ml



#5 N-HEXADECANE

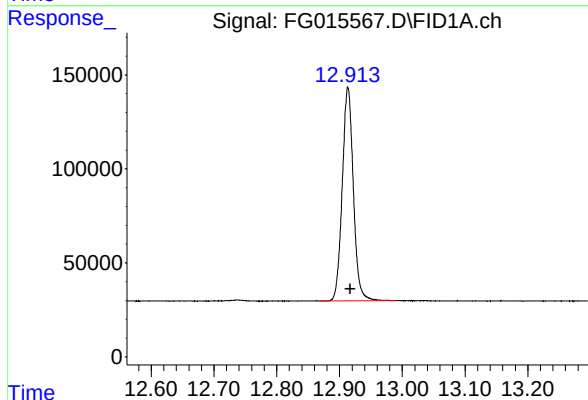
R.T.: 10.151 min
Delta R.T.: -0.003 min
Response: 1336623
Conc: 10.20 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



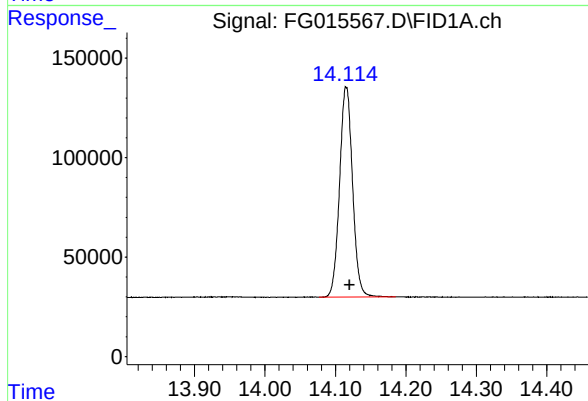
#6 N-OCTADECANE

R.T.: 11.599 min
Delta R.T.: -0.004 min
Response: 1377571
Conc: 10.29 ug/ml



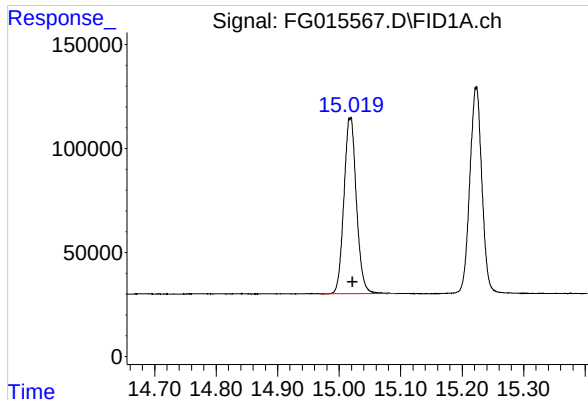
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.004 min
Response: 1398350
Conc: 10.33 ug/ml



#8 N-DOCOSANE

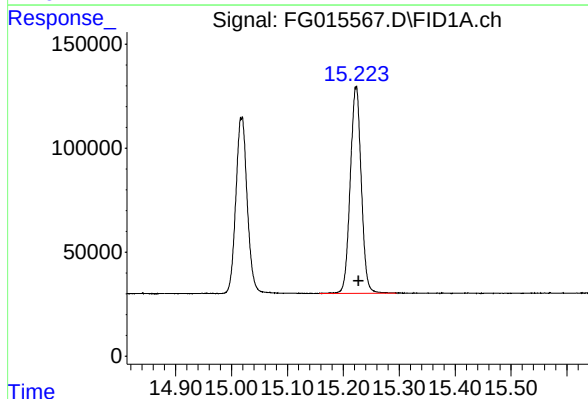
R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 1356757
Conc: 10.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

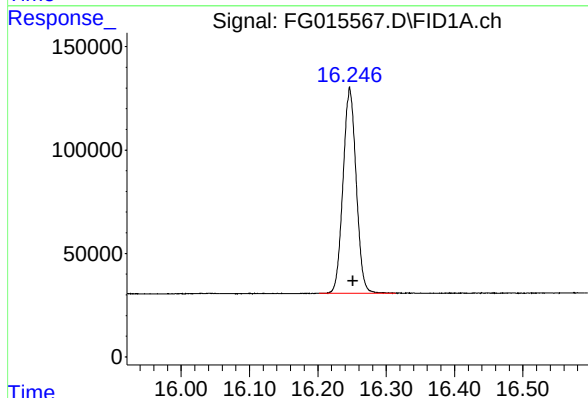
R.T.: 15.018 min
Delta R.T.: -0.004 min
Response: 1195793
Conc: 10.36 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



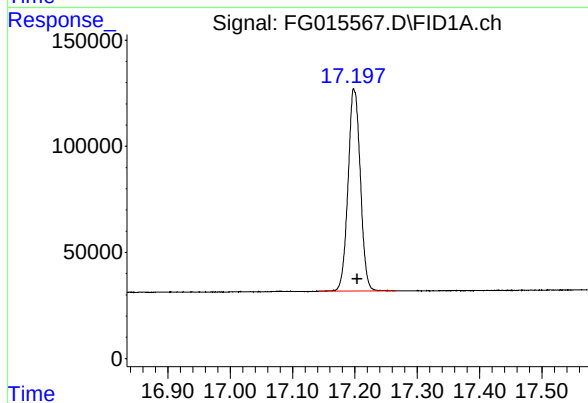
#10 N-TETRACOSANE

R.T.: 15.223 min
Delta R.T.: -0.005 min
Response: 1359377
Conc: 10.44 ug/ml



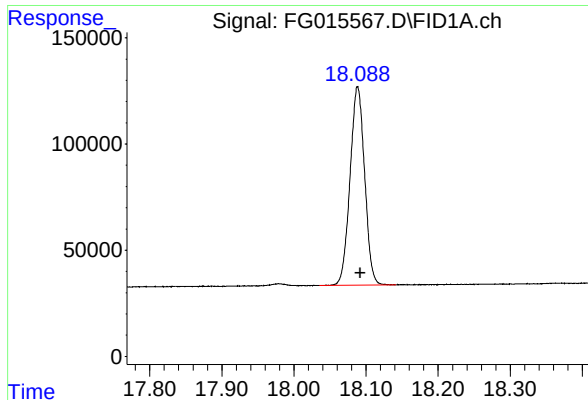
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: -0.005 min
Response: 1326948
Conc: 10.34 ug/ml



#12 N-OCTACOSANE

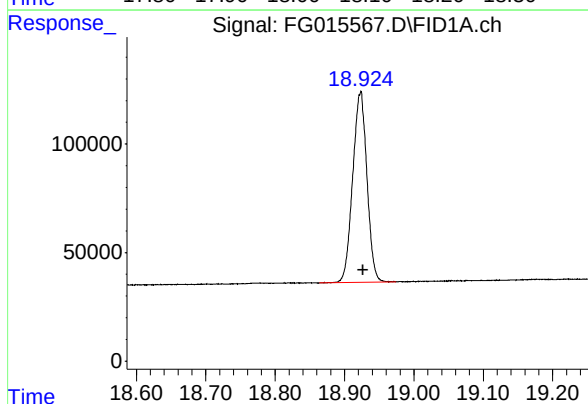
R.T.: 17.199 min
Delta R.T.: -0.005 min
Response: 1306170
Conc: 10.41 ug/ml



#13 N-TRIACONTANE

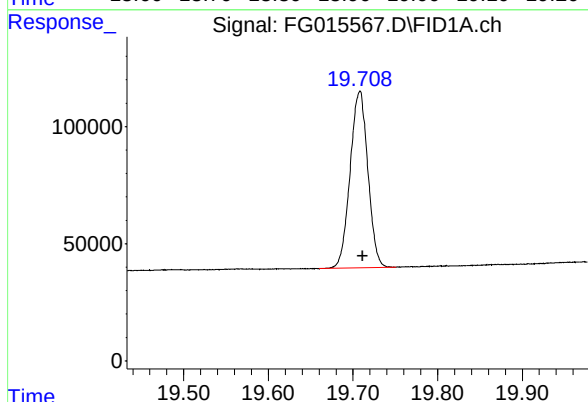
R.T.: 18.088 min
Delta R.T.: -0.004 min
Response: 1313598
Conc: 10.53 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



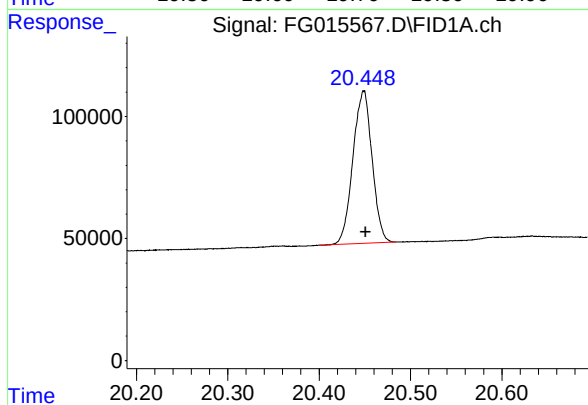
#14 N-DOTRIACONTANE

R.T.: 18.923 min
Delta R.T.: -0.004 min
Response: 1250153
Conc: 10.65 ug/ml



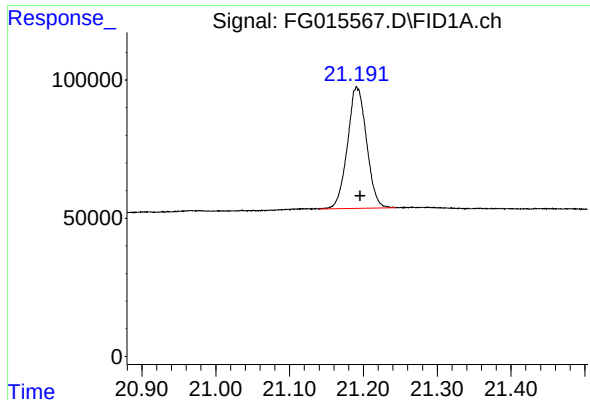
#15 N-TETRATRIACONTANE

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 1099428
Conc: 10.55 ug/ml



#16 N-HEXATRIACONTANE

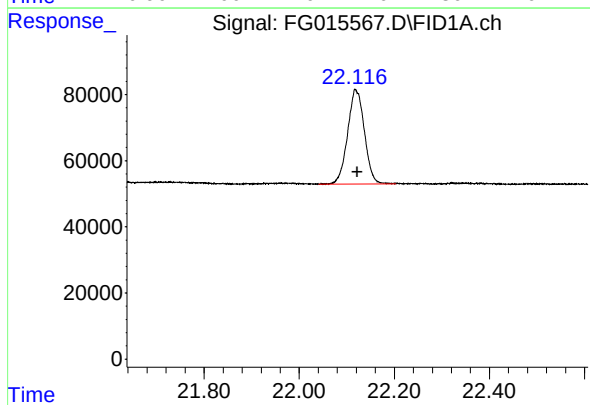
R.T.: 20.449 min
Delta R.T.: -0.002 min
Response: 909217
Conc: 10.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: -0.005 min
Response: 787789
Conc: 10.39 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.118 min
Delta R.T.: -0.004 min
Response: 696571
Conc: 10.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015567.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 10:24
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.990	1.950	2.064	BB	117749	1212240	86.69%	5.583%
2	4.520	4.488	4.593	BB	115953	1225955	87.67%	5.646%
3	6.701	6.668	6.779	BB	120557	1251657	89.51%	5.765%
4	8.537	8.497	8.638	BB	117721	1308108	93.55%	6.025%
5	10.151	10.112	10.237	BB	113831	1336623	95.59%	6.156%
6	11.599	11.557	11.686	BB	114628	1377571	98.51%	6.345%
7	12.914	12.868	12.990	BB	113782	1398350	100.00%	6.440%
8	14.115	14.077	14.186	BB	105285	1356757	97.03%	6.249%
9	15.018	14.968	15.093	BB	84094	1195793	85.51%	5.507%
10	15.223	15.157	15.294	BB	99419	1359377	97.21%	6.261%
11	16.247	16.202	16.314	BB	99588	1326948	94.89%	6.112%
12	17.199	17.143	17.266	BB	95023	1306170	93.41%	6.016%
13	18.088	18.035	18.142	BB	93376	1313598	93.94%	6.050%
14	18.923	18.863	18.974	BB	87600	1250153	89.40%	5.758%
15	19.708	19.660	19.751	BB	75569	1099428	78.62%	5.064%
16	20.449	20.400	20.484	BB	62145	909217	65.02%	4.188%
17	21.191	21.140	21.244	BB	44102	787789	56.34%	3.628%
18	22.118	22.042	22.203	BB	28515	696571	49.81%	3.208%
Sum of corrected areas:							21712302	

FG032725.M Fri Mar 28 04:46:42 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015568.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 10:54
 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 27 11:03:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 10:35:21 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...	15.018	534159	4.585 ug/ml
Target Compounds			
1) N-OCTANE	1.990	531185	4.474 ug/ml
2) N-DECANE	4.520	525035	4.324 ug/ml
3) N-DODECANE	6.701	530498	4.235 ug/ml
4) N-TETRADECANE	8.537	560471	4.324 ug/ml
5) N-HEXADECANE	10.151	584839	4.441 ug/ml
6) N-OCTADECANE	11.599	597018	4.428 ug/ml
7) N-EICOSANE	12.914	617744	4.526 ug/ml
8) N-DOCOSANE	14.115	603781	4.566 ug/ml
10) N-TETRACOSANE	15.222	605301	4.598 ug/ml
11) N-HEXACOSANE	16.246	592779	4.579 ug/ml
12) N-OCTACOSANE	17.198	589278	4.648 ug/ml
13) N-TRIACONTANE	18.089	601727	4.761 ug/ml
14) N-DOTRIACONTANE	18.921	580986	4.870 ug/ml
15) N-TETRATRIACONTANE	19.707	497140	4.707 ug/ml
16) N-HEXATRIACONTANE	20.448	418862	4.727 ug/ml
17) N-OCTATRIACONTANE	21.191	334415	4.368 ug/ml
18) N-TETRACONTANE	22.118	303485	4.488 ug/ml

(f)=RT Delta > 1/2 Window

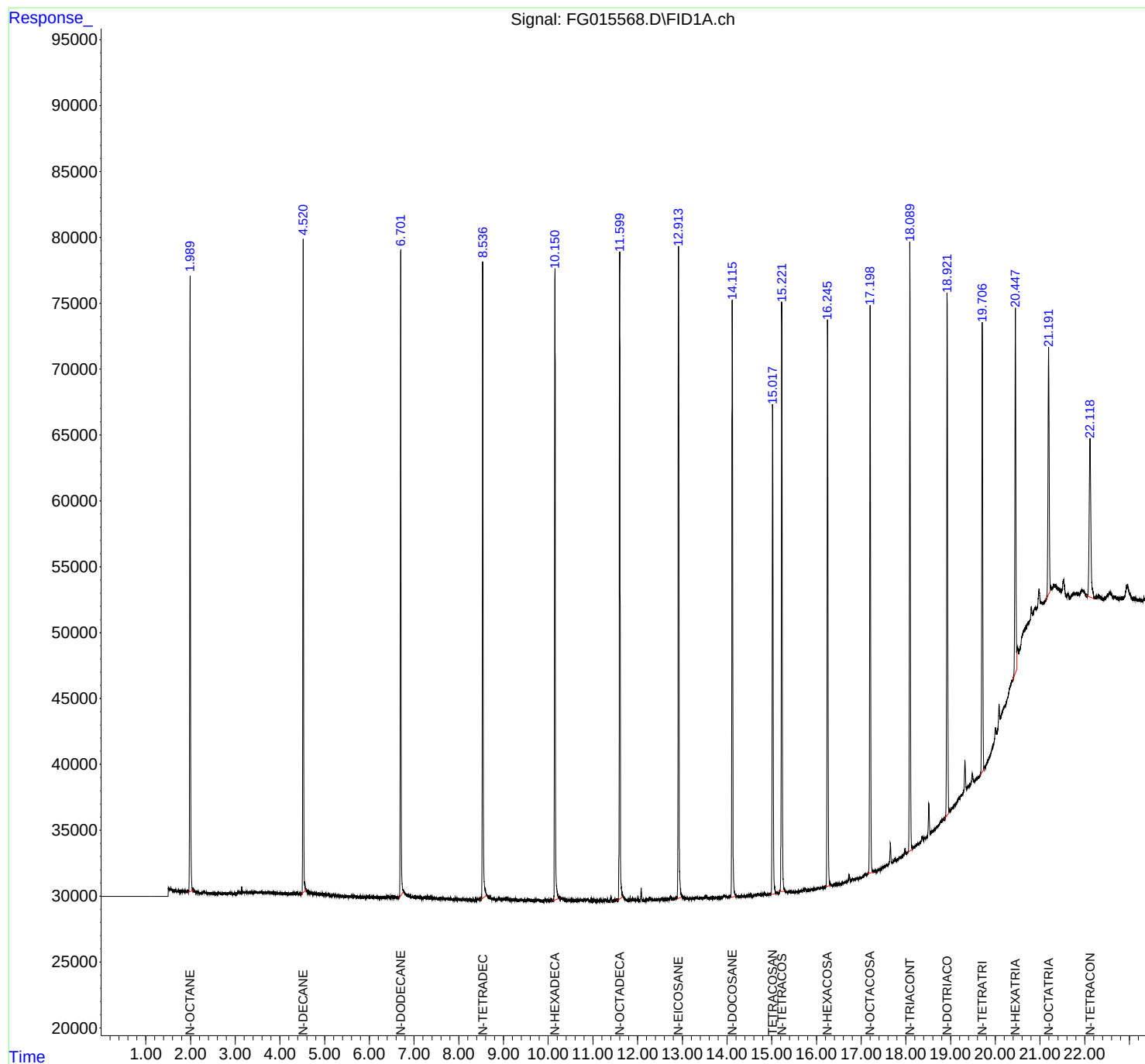
(m)=manual int.

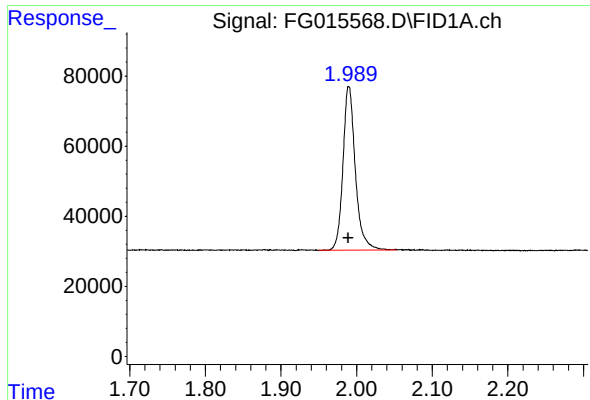
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015568.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 10:54
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 27 11:03:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 10:35:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

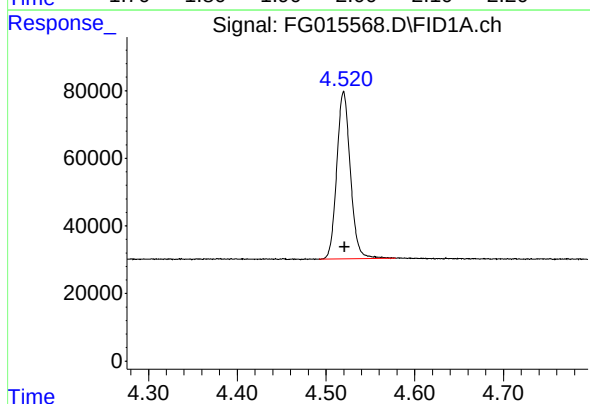




#1 N-OCTANE

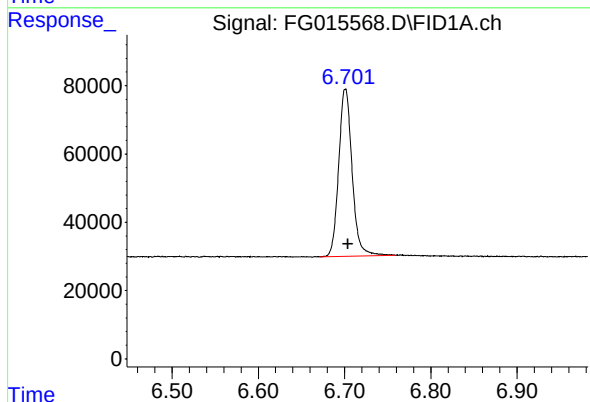
R.T.: 1.990 min
Delta R.T.: 0.000 min
Response: 531185
Conc: 4.47 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



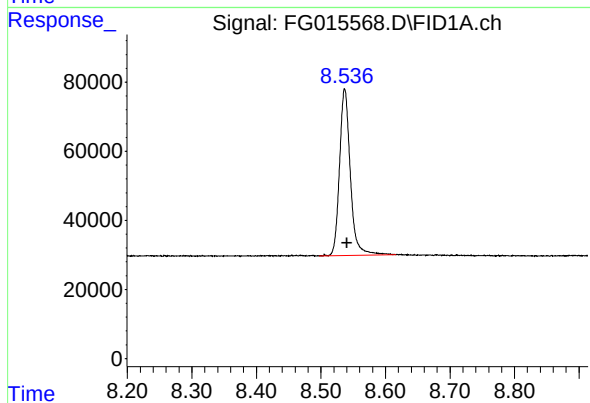
#2 N-DECANE

R.T.: 4.520 min
Delta R.T.: -0.001 min
Response: 525035
Conc: 4.32 ug/ml



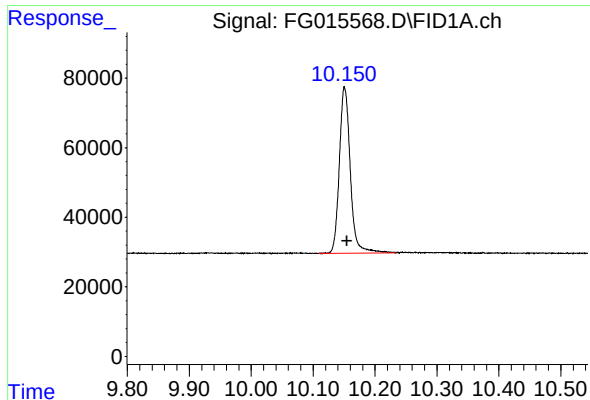
#3 N-DODECANE

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 530498
Conc: 4.24 ug/ml



#4 N-TETRADECANE

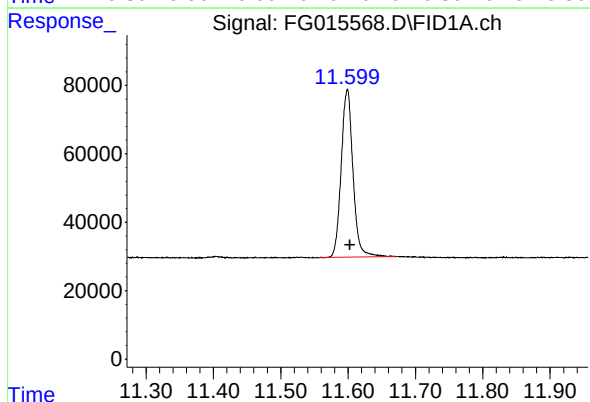
R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 560471
Conc: 4.32 ug/ml



#5 N-HEXADECANE

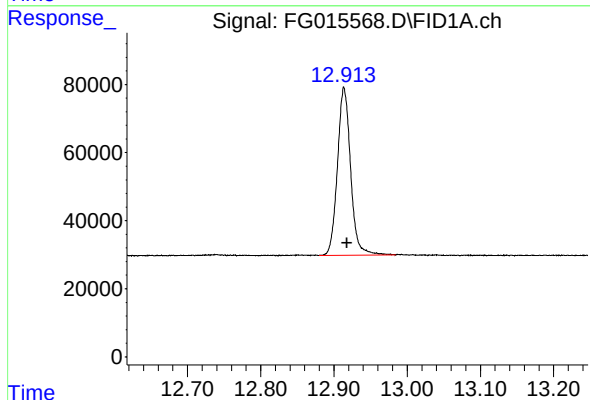
R.T.: 10.151 min
Delta R.T.: -0.004 min
Response: 584839
Conc: 4.44 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



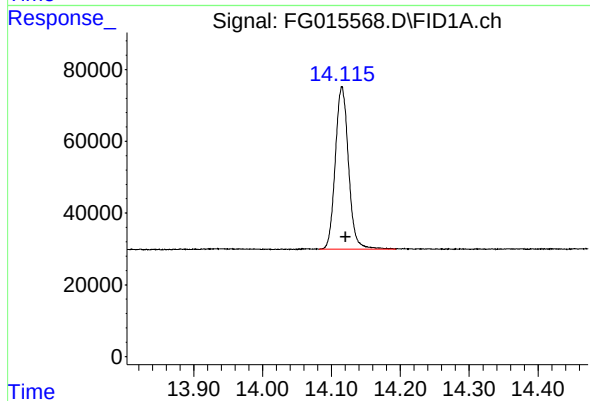
#6 N-OCTADECANE

R.T.: 11.599 min
Delta R.T.: -0.004 min
Response: 597018
Conc: 4.43 ug/ml



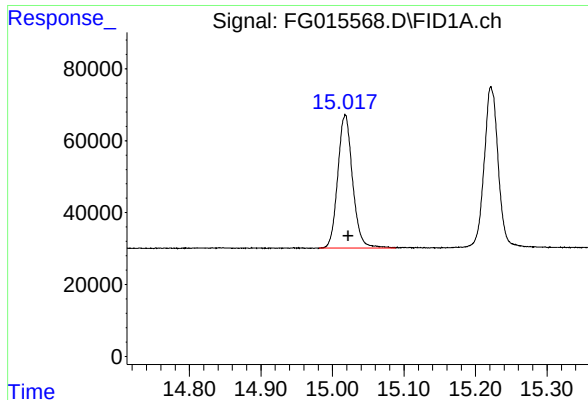
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.004 min
Response: 617744
Conc: 4.53 ug/ml



#8 N-DOCOSANE

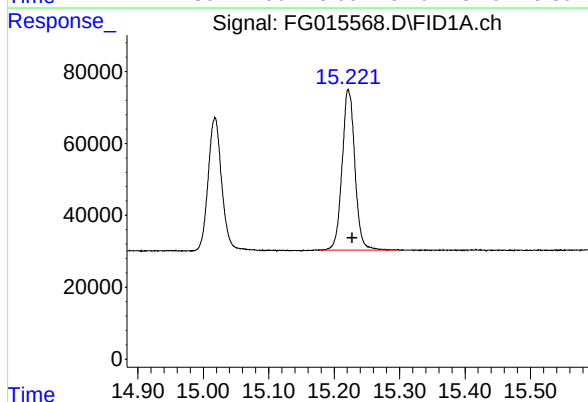
R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 603781
Conc: 4.57 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

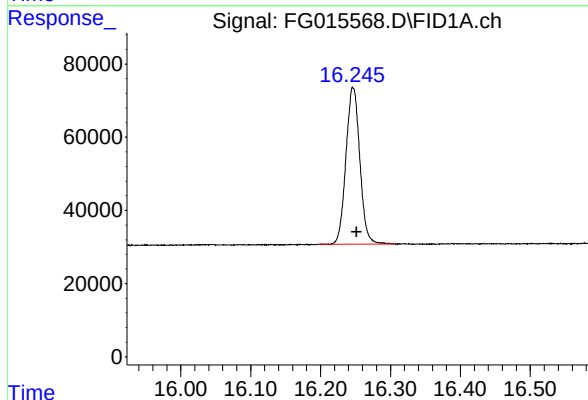
R.T.: 15.018 min
Delta R.T.: -0.004 min
Response: 534159
Conc: 4.59 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



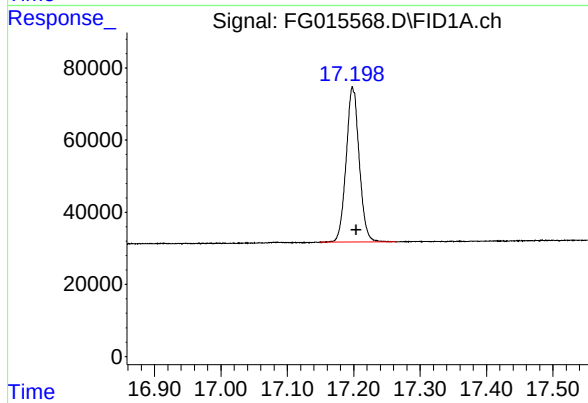
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.006 min
Response: 605301
Conc: 4.60 ug/ml



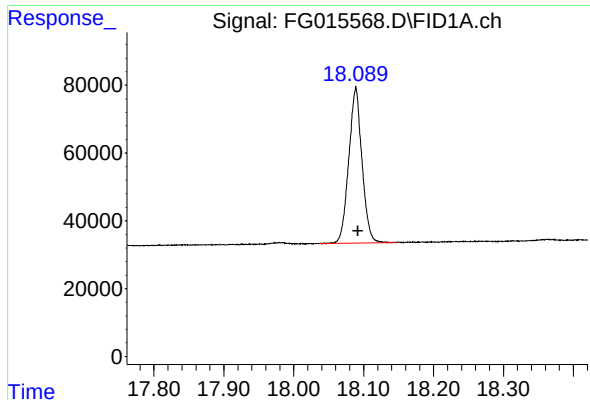
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.005 min
Response: 592779
Conc: 4.58 ug/ml



#12 N-OCTACOSANE

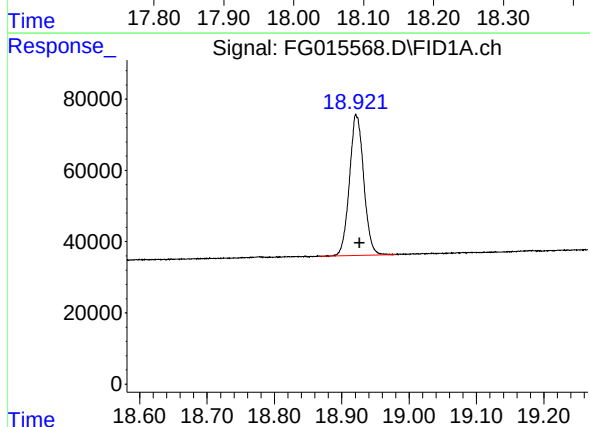
R.T.: 17.198 min
Delta R.T.: -0.005 min
Response: 589278
Conc: 4.65 ug/ml



#13 N-TRIACONTANE

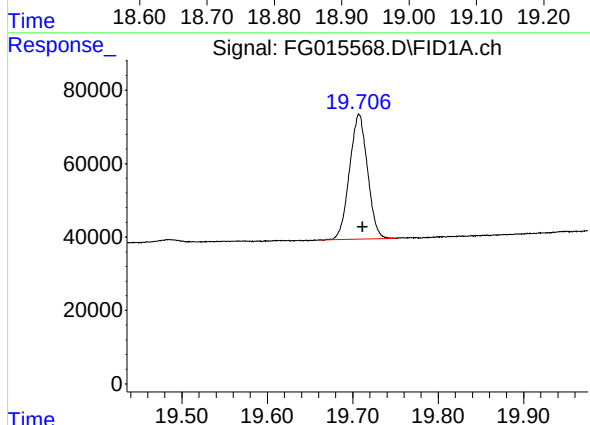
R.T.: 18.089 min
Delta R.T.: -0.003 min
Response: 601727
Conc: 4.76 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



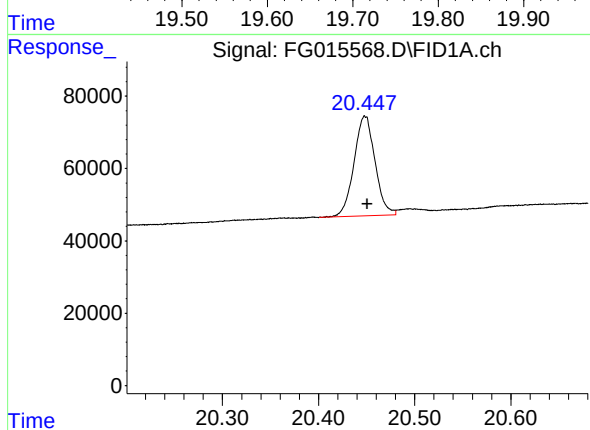
#14 N-DOTRIACONTANE

R.T.: 18.921 min
Delta R.T.: -0.005 min
Response: 580986
Conc: 4.87 ug/ml



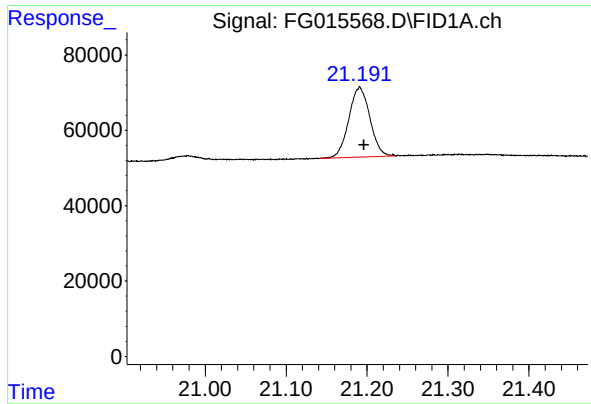
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 497140
Conc: 4.71 ug/ml



#16 N-HEXATRIACONTANE

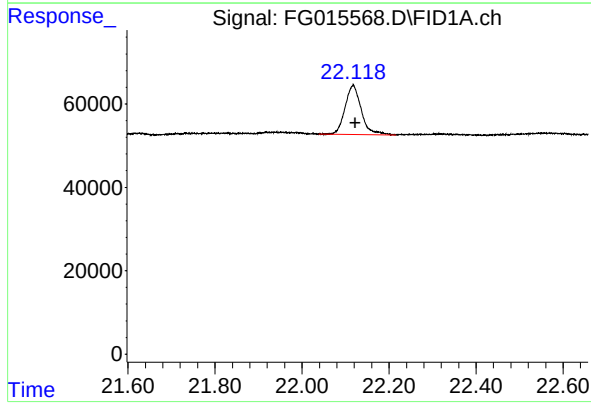
R.T.: 20.448 min
Delta R.T.: -0.002 min
Response: 418862
Conc: 4.73 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: -0.005 min
Response: 334415
Conc: 4.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.118 min
Delta R.T.: -0.004 min
Response: 303485
Conc: 4.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015568.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 10:54
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.990	1.950	2.052	BB	46626	531185	85.99%	5.528%
2	4.520	4.492	4.579	BB	49462	525035	84.99%	5.464%
3	6.701	6.670	6.760	BB	48963	530498	85.88%	5.521%
4	8.537	8.497	8.616	BB	48149	560471	90.73%	5.833%
5	10.151	10.110	10.234	BB	47436	584839	94.67%	6.087%
6	11.599	11.557	11.671	BB	49134	597018	96.64%	6.213%
7	12.914	12.880	12.985	BB	49315	617744	100.00%	6.429%
8	14.115	14.082	14.194	BB	45306	603781	97.74%	6.284%
9	15.018	14.981	15.089	BB	37071	534159	86.47%	5.559%
10	15.222	15.177	15.295	BB	44759	605301	97.99%	6.300%
11	16.246	16.198	16.308	BB	42781	592779	95.96%	6.169%
12	17.198	17.148	17.264	BB	42863	589278	95.39%	6.133%
13	18.089	18.036	18.146	BV	46075	601727	97.41%	6.262%
14	18.921	18.866	18.980	BB	39491	580986	94.05%	6.046%
15	19.707	19.660	19.750	BB	34085	497140	80.48%	5.174%
16	20.448	20.400	20.480	BV	27345	418862	67.81%	4.359%
17	21.191	21.141	21.236	BB	18614	334415	54.13%	3.480%
18	22.118	22.039	22.216	BV	11913	303485	49.13%	3.158%
Sum of corrected areas:							9608703	

FG032725.M Fri Mar 28 04:47:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015569.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 11:23
 Operator : YP\AJ
 Sample : FG032725ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG032725ICV

Integration File: autoint1.e
 Quant Time: Mar 27 11:42:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.022	5698651	49.742 ug/ml
Target Compounds			
1) N-OCTANE	1.987	5753939	49.505 ug/ml
2) N-DECANE	4.521	5949464	50.361 ug/ml
3) N-DODECANE	6.703	6111976	50.335 ug/ml
4) N-TETRADECANE	8.540	6298106	49.944 ug/ml
5) N-HEXADECANE	10.154	6380233	49.552 ug/ml
6) N-OCTADECANE	11.603	6537211	49.622 ug/ml
7) N-EICOSANE	12.918	6636596	49.563 ug/ml
8) N-DOCOSANE	14.120	6446094	49.606 ug/ml
10) N-TETRACOSANE	15.226	6433481	49.669 ug/ml
11) N-HEXACOSANE	16.250	6346525	49.865 ug/ml
12) N-OCTACOSANE	17.203	6232196	49.856 ug/ml
13) N-TRIACONTANE	18.092	6295761	50.296 ug/ml
14) N-DOTRIACONTANE	18.928	6332952	53.363 ug/ml
15) N-TETRATRIACONTANE	19.712	5571430	53.378 ug/ml
16) N-HEXATRIACONTANE	20.451	4633711	52.869 ug/ml
17) N-OCTATRIACONTANE	21.195	3783039	50.691 ug/ml
18) N-TETRACONTANE	22.121	3864697	58.346 ug/ml

(f)=RT Delta > 1/2 Window

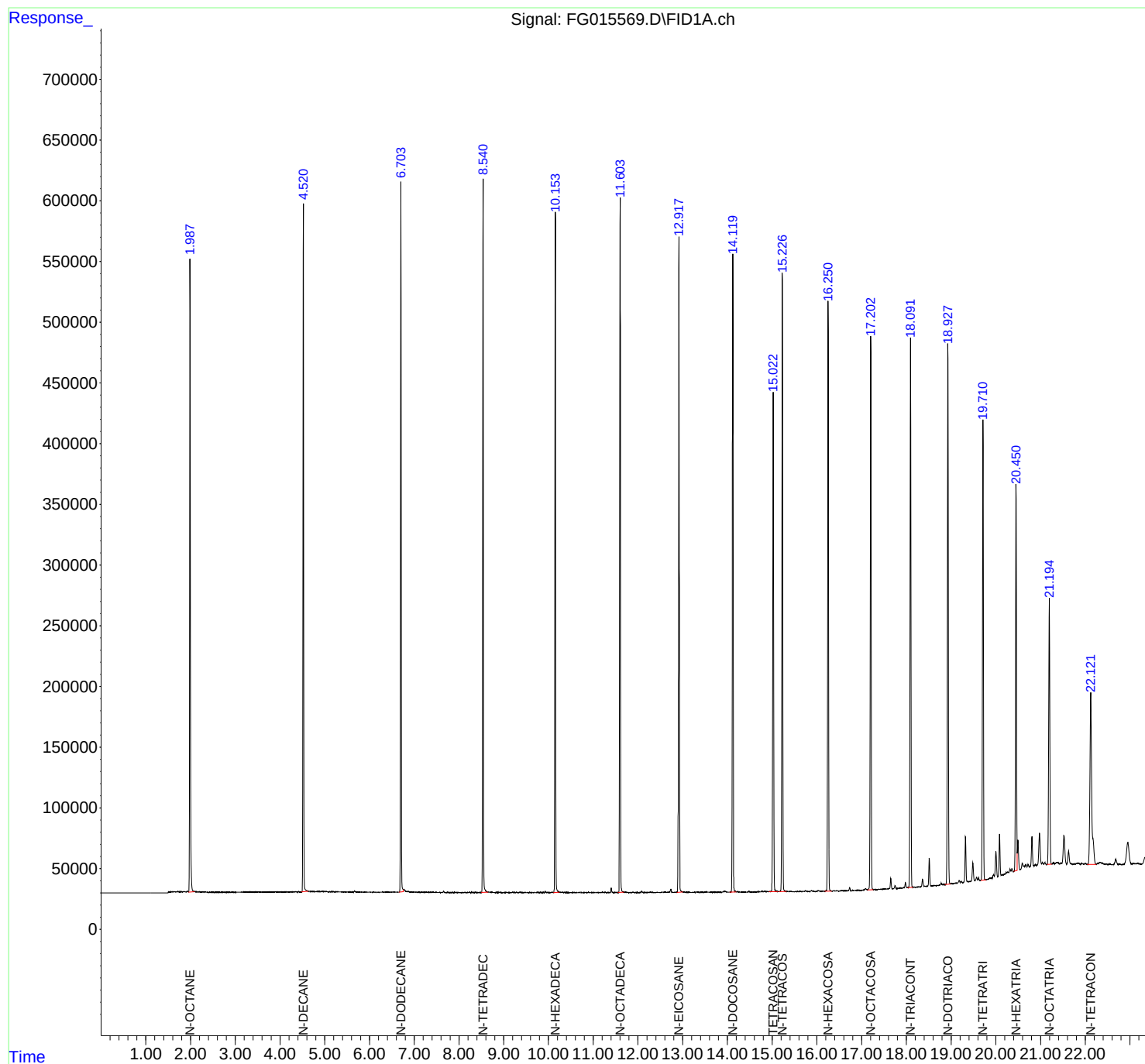
(m)=manual int.

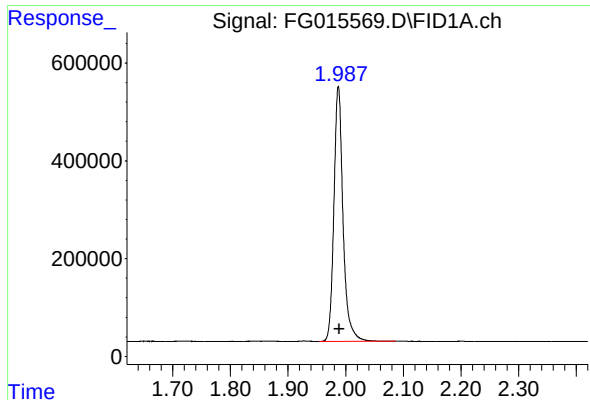
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
Data File : FG015569.D
Signal(s) : FID1A.ch
Acq On : 27 Mar 2025 11:23
Operator : YP\AJ
Sample : FG032725ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
FG032725ICV

Integration File: autoint1.e
Quant Time: Mar 27 11:42:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

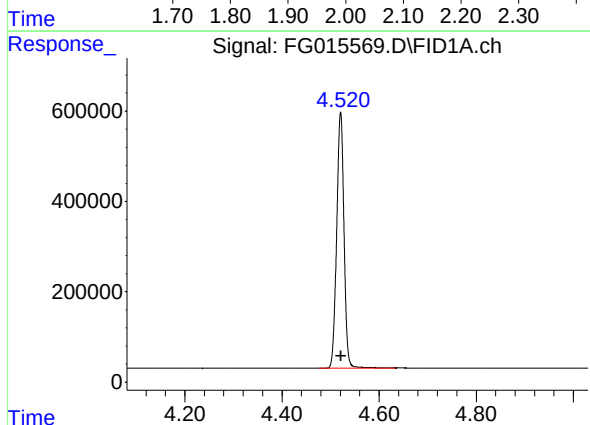




#1 N-OCTANE

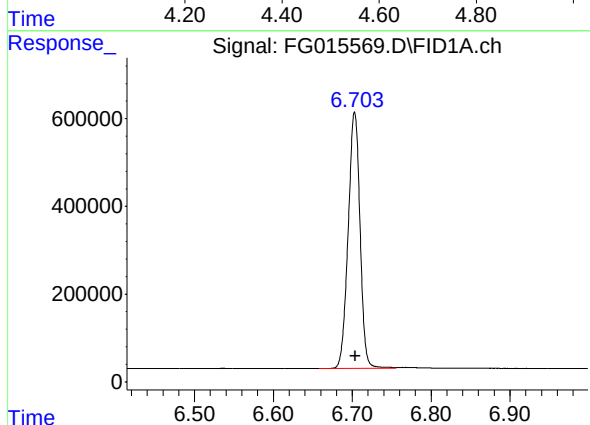
R.T.: 1.987 min
Delta R.T.: -0.002 min
Response: 5753939
Conc: 49.50 ug/ml

Instrument :
FID_G
ClientSampleId :
FG032725ICV



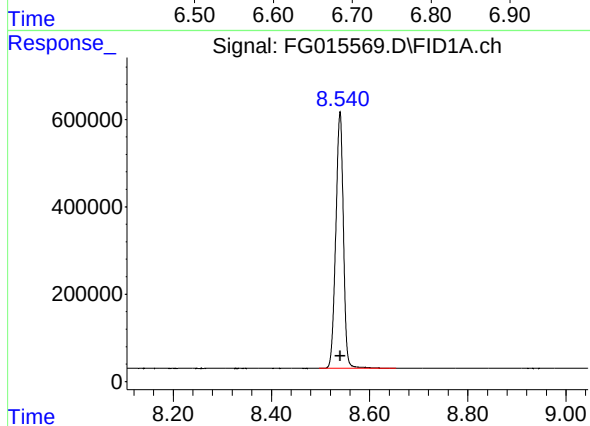
#2 N-DECANE

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 5949464
Conc: 50.36 ug/ml



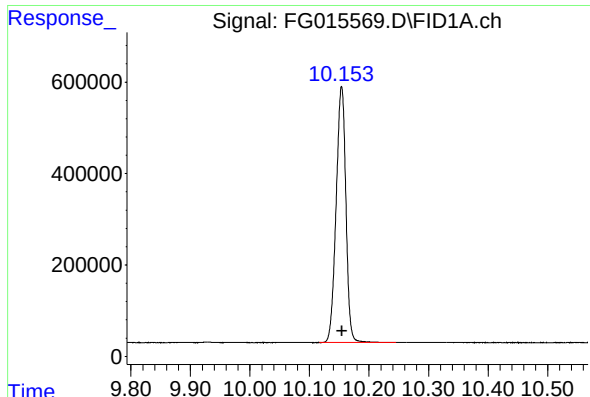
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 6111976
Conc: 50.34 ug/ml



#4 N-TETRADECANE

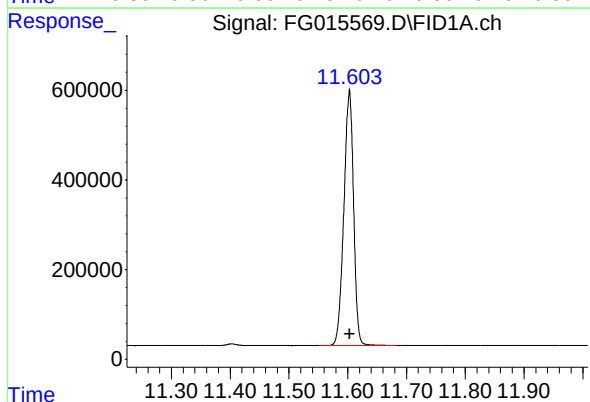
R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 6298106
Conc: 49.94 ug/ml



#5 N-HEXADECANE

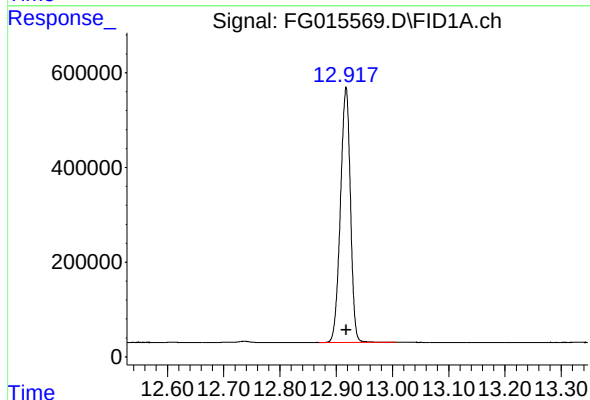
R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 6380233
Conc: 49.55 ug/ml

Instrument :
FID_G
ClientSampleId :
FG032725ICV



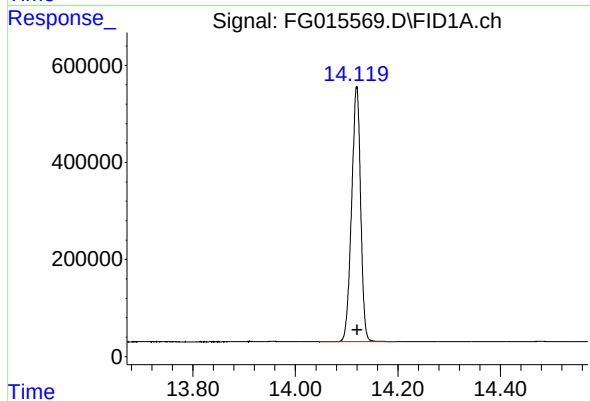
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 6537211
Conc: 49.62 ug/ml



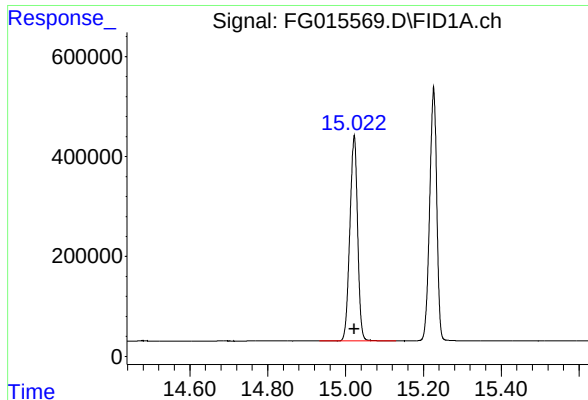
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 6636596
Conc: 49.56 ug/ml



#8 N-DOCOSANE

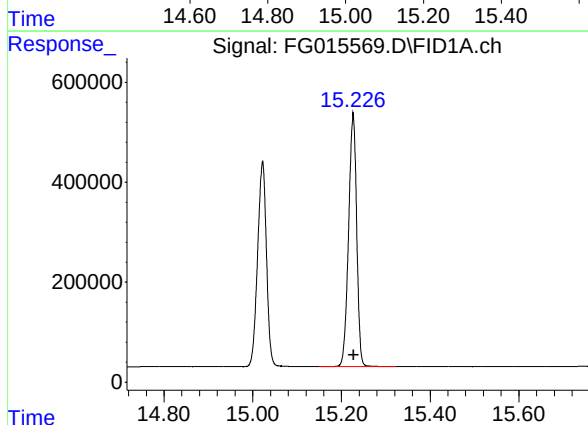
R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 6446094
Conc: 49.61 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

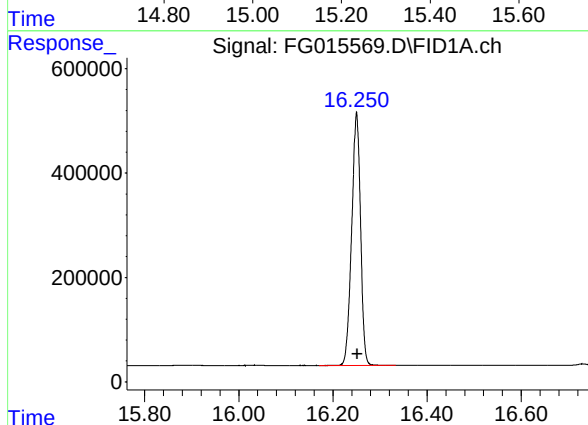
R.T.: 15.022 min
Delta R.T.: 0.000 min
Response: 5698651
Conc: 49.74 ug/ml

Instrument :
FID_G
ClientSampleId :
FG032725ICV



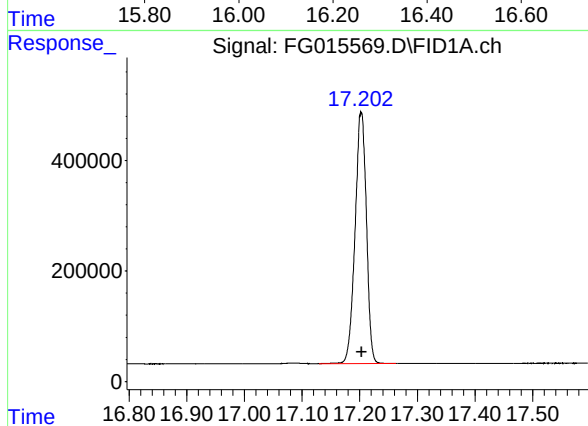
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.001 min
Response: 6433481
Conc: 49.67 ug/ml



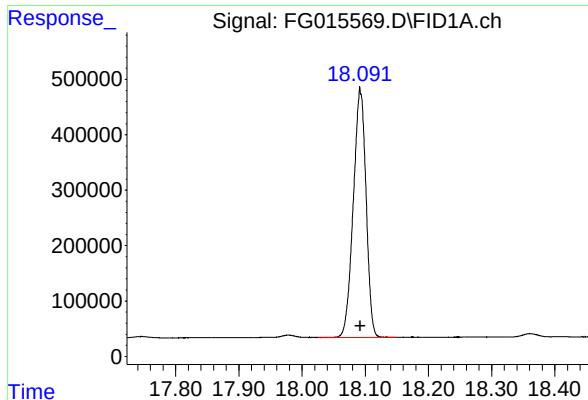
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 6346525
Conc: 49.86 ug/ml



#12 N-OCTACOSANE

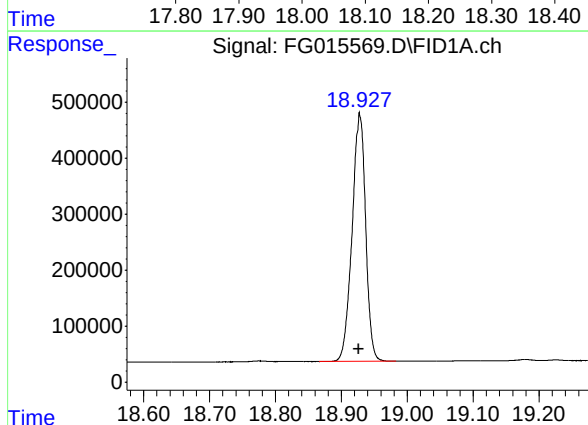
R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 6232196
Conc: 49.86 ug/ml



#13 N-TRIACONTANE

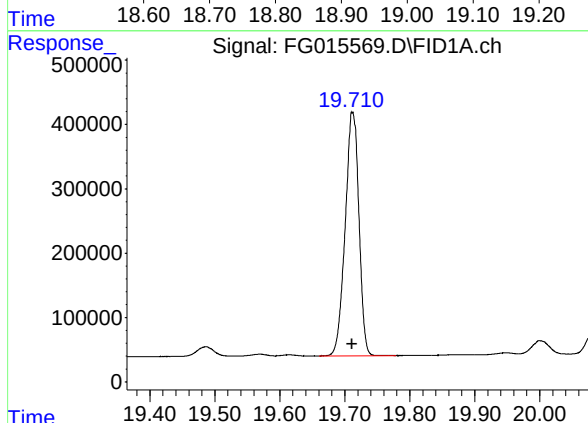
R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 6295761
Conc: 50.30 ug/ml

Instrument :
FID_G
ClientSampleId :
FG032725ICV



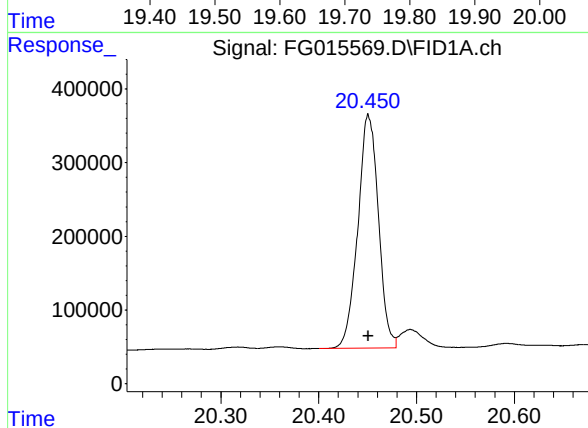
#14 N-DOTRIACONTANE

R.T.: 18.928 min
Delta R.T.: 0.001 min
Response: 6332952
Conc: 53.36 ug/ml



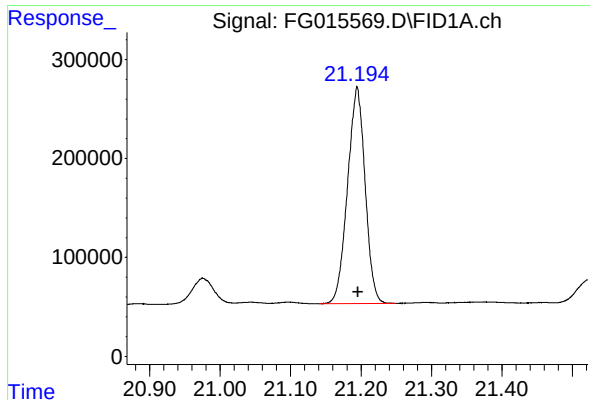
#15 N-TETRATRIACONTANE

R.T.: 19.712 min
Delta R.T.: 0.000 min
Response: 5571430
Conc: 53.38 ug/ml



#16 N-HEXATRIACONTANE

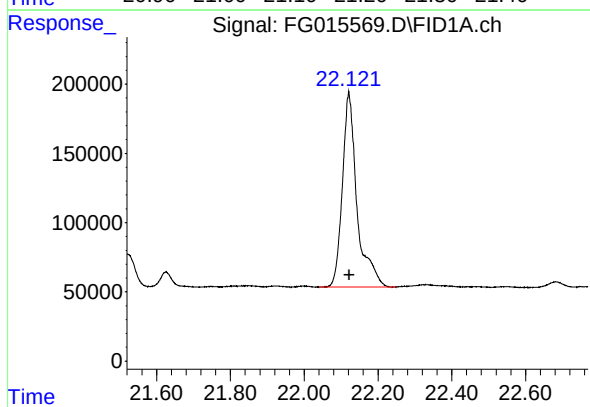
R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 4633711
Conc: 52.87 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.195 min
Delta R.T.: -0.001 min
Response: 3783039
Conc: 50.69 ug/ml

Instrument :
FID_G
ClientSampleId :
FG032725ICV



#18 N-TETRACONTANE

R.T.: 22.121 min
Delta R.T.: -0.001 min
Response: 3864697
Conc: 58.35 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015569.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 11:23
 Sample : FG032725ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.987	1.954	2.087	PB	521125	5753939	86.70%	5.464%
2	4.521	4.476	4.635	BB	566965	5949464	89.65%	5.650%
3	6.703	6.658	6.755	BV	584402	6111976	92.10%	5.804%
4	8.540	8.497	8.654	BB	586381	6298106	94.90%	5.981%
5	10.154	10.116	10.245	BB	560216	6380233	96.14%	6.059%
6	11.603	11.551	11.682	BB	570369	6537211	98.50%	6.208%
7	12.918	12.870	13.006	BB	539403	6636596	100.00%	6.302%
8	14.120	14.046	14.196	BB	524672	6446094	97.13%	6.121%
9	15.022	14.932	15.130	BB	411474	5698651	85.87%	5.412%
10	15.226	15.150	15.323	BB	508770	6433481	96.94%	6.109%
11	16.250	16.170	16.334	BB	485651	6346525	95.63%	6.027%
12	17.203	17.130	17.263	BB	452879	6232196	93.91%	5.918%
13	18.092	18.027	18.149	BB	447767	6295761	94.86%	5.979%
14	18.928	18.866	18.983	BB	440844	6332952	95.42%	6.014%
15	19.712	19.660	19.779	BB	377949	5571430	83.95%	5.291%
16	20.451	20.400	20.479	BV	317883	4633711	69.82%	4.400%
17	21.195	21.140	21.250	BV	218945	3783039	57.00%	3.592%
18	22.121	22.040	22.249	BV	141448	3864697	58.23%	3.670%
Sum of corrected areas:						105306062		

FG032725.M Fri Mar 28 04:52:31 2025