

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AL\
 Data File : FG015213.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 10:45
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 30 03:44:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.383	5040770	41.399 ug/ml
Spiked Amount 50.000		Recovery =	82.80%
Target Compounds			
1) T n-Nonane (C9)	3.280	363253	2.798 ug/ml
2) T n-Decane (C10)	4.539	429453	3.232 ug/ml
4) T n-Dodecane (C12)	6.718	489813	3.603 ug/ml
6) T n-Tetradecane (C14)	8.555	520366	3.784 ug/ml
7) T n-Hexadecane (C16)	10.169	547850	3.781 ug/ml
8) T n-Octadecane (C18)	11.619	592159	3.984 ug/ml
10) T n-Eicosane (C20)	12.934	599245	4.175 ug/ml
11) T n-Heneicosane (C21)	13.549	572596	4.050 ug/ml
13) T n-Docosane (C22)	14.137	587066	4.175 ug/ml
14) T n-Tetracosane (C24)	15.245	603858	4.339 ug/ml
15) T n-Hexacosane (C26)	16.270	601436	4.440 ug/ml
16) T n-Octacosane (C28)	17.223	602253	4.576 ug/ml
17) T n-Tricontane (C30)	18.113	618173	4.660 ug/ml
18) T n-Dotriacontane (C32)	18.947	613508	4.864 ug/ml
19) T n-Tetratriacontane (C34)	19.734	561341	5.155 ug/ml
20) T n-Hexatriacontane (C36)	20.476	519476	5.564 ug/ml
21) T n-Octatriacontane (C38)	21.227	506337	5.770 ug/ml
22) T n-Tetracontane (C40)	22.164	464833	5.484 ug/ml

(f)=RT Delta > 1/2 Window

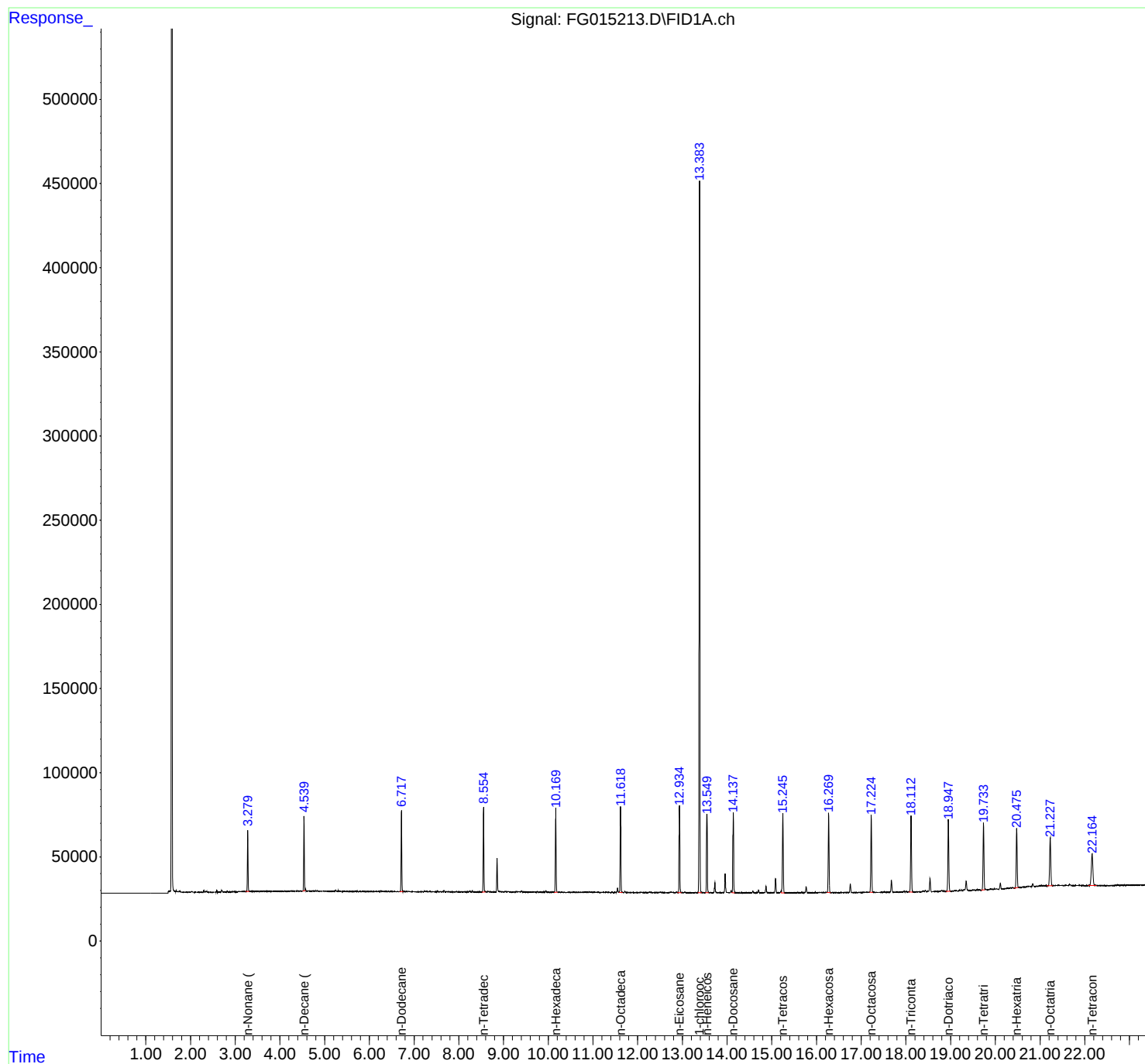
(m)=manual int.

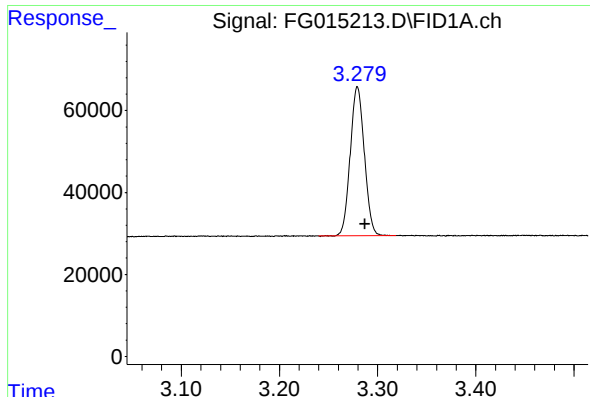
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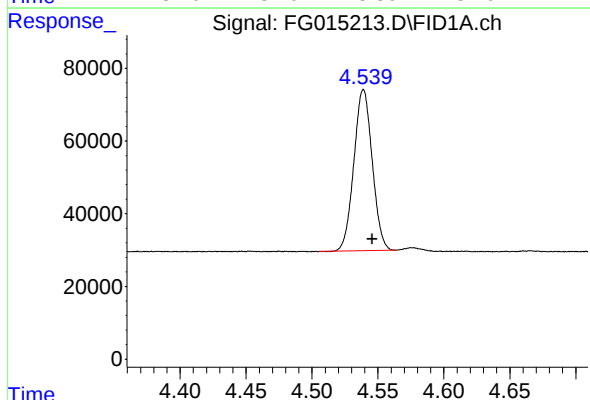




#1 n-Nonane (C9)

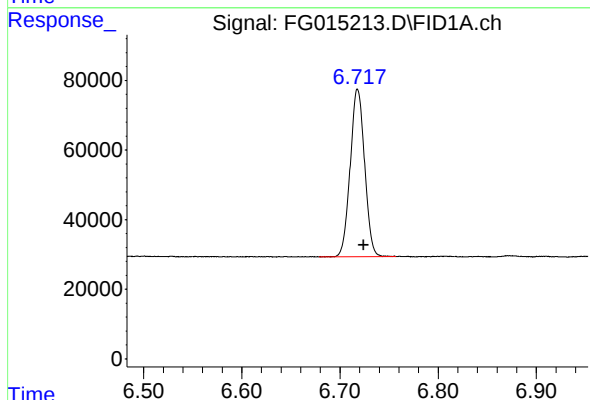
R.T.: 3.280 min
Delta R.T.: -0.007 min
Response: 363253
Conc: 2.80 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



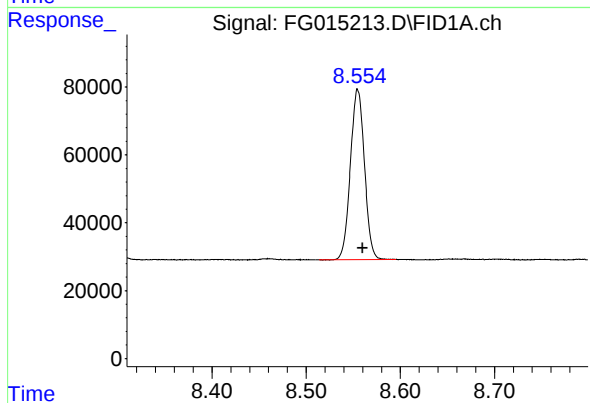
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 429453
Conc: 3.23 ug/ml



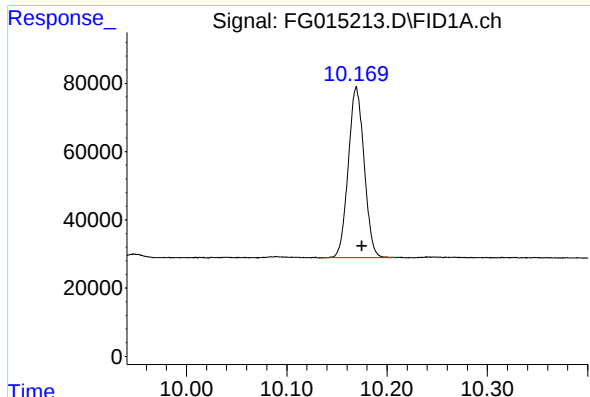
#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 489813
Conc: 3.60 ug/ml



#6 n-Tetradecane (C14)

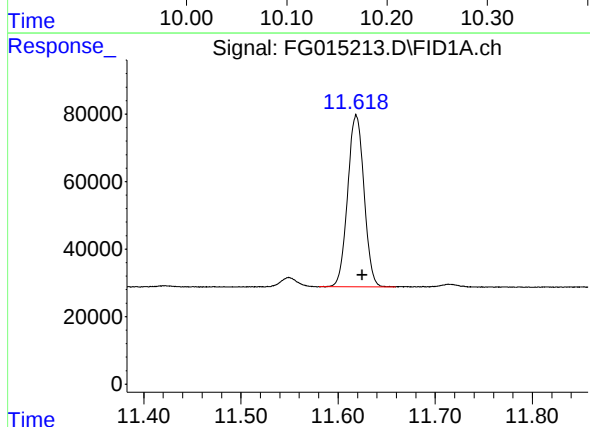
R.T.: 8.555 min
Delta R.T.: -0.005 min
Response: 520366
Conc: 3.78 ug/ml



#7 n-Hexadecane (C16)

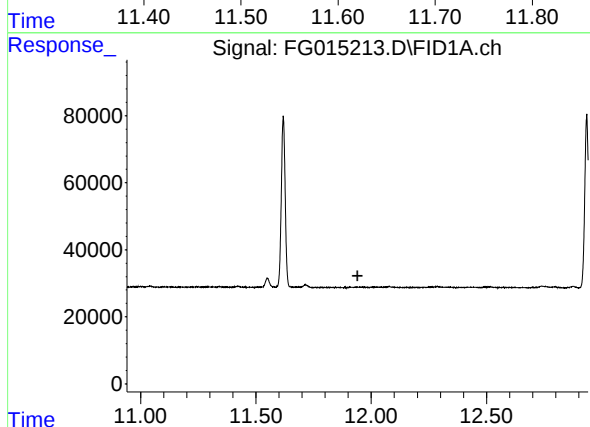
R.T.: 10.169 min
Delta R.T.: -0.006 min
Response: 547850
Conc: 3.78 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT1-2025



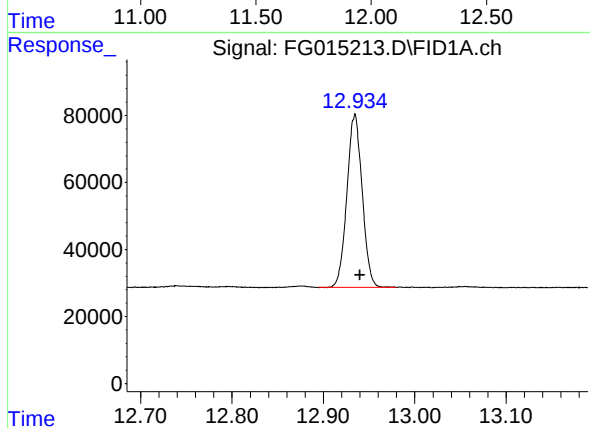
#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.006 min
Response: 592159
Conc: 3.98 ug/ml



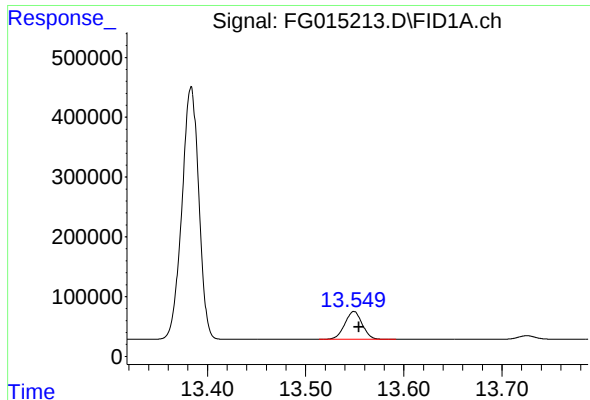
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

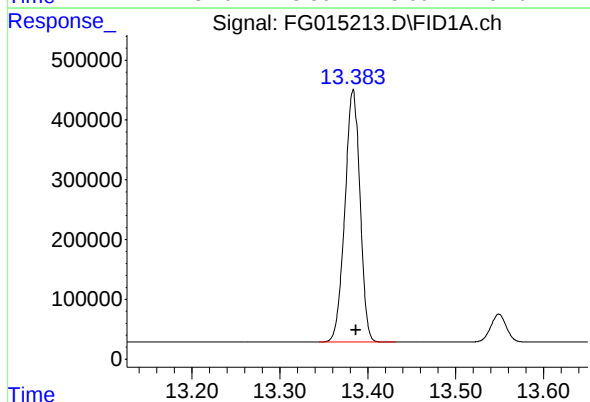
R.T.: 12.934 min
Delta R.T.: -0.006 min
Response: 599245
Conc: 4.17 ug/ml



#11 n-Heneicosane (C21)

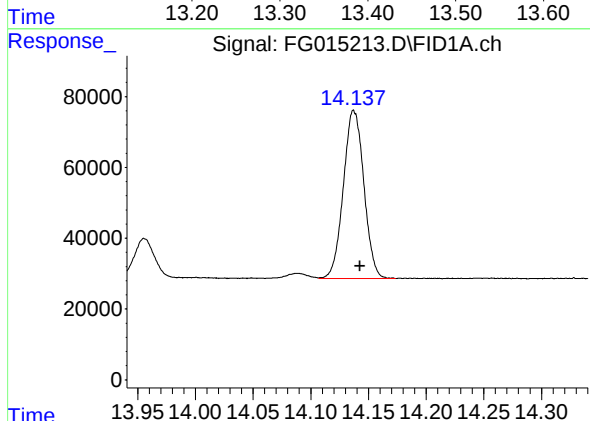
R.T.: 13.549 min
Delta R.T.: -0.005 min
Response: 572596
Conc: 4.05 ug/ml

Instrument :
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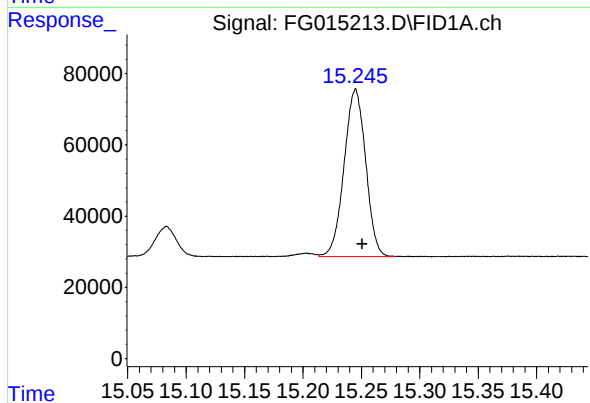
#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.003 min
Response: 5040770
Conc: 41.40 ug/ml



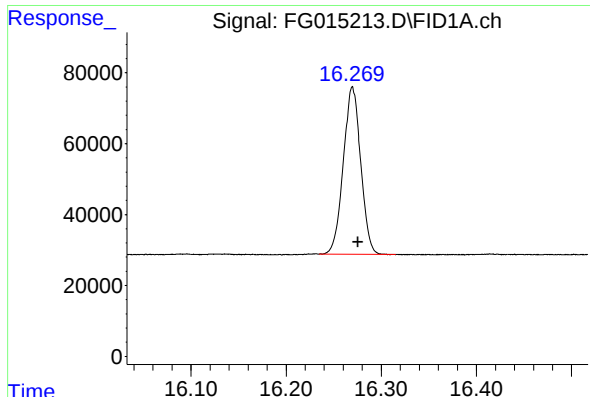
#13 n-Docosane (C22)

R.T.: 14.137 min
Delta R.T.: -0.005 min
Response: 587066
Conc: 4.18 ug/ml



#14 n-Tetracosane (C24)

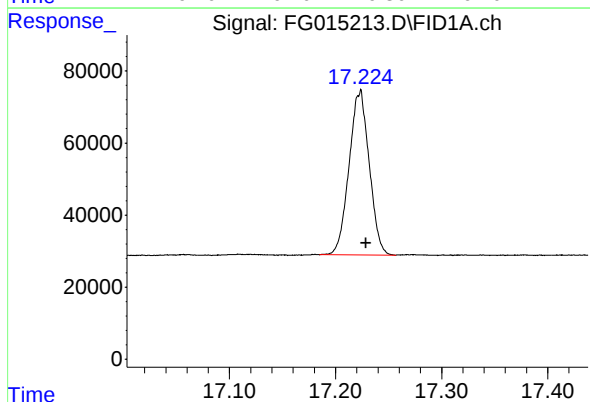
R.T.: 15.245 min
Delta R.T.: -0.006 min
Response: 603858
Conc: 4.34 ug/ml



#15 n-Hexacosane (C26)

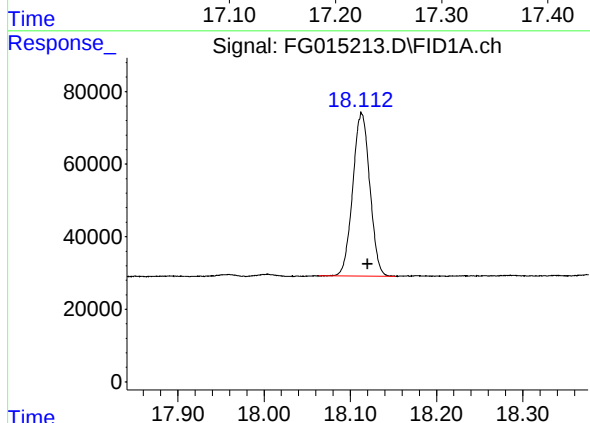
R.T.: 16.270 min
Delta R.T.: -0.006 min
Response: 601436
Conc: 4.44 ug/ml

Instrument :
FID_G
ClientSampleId :
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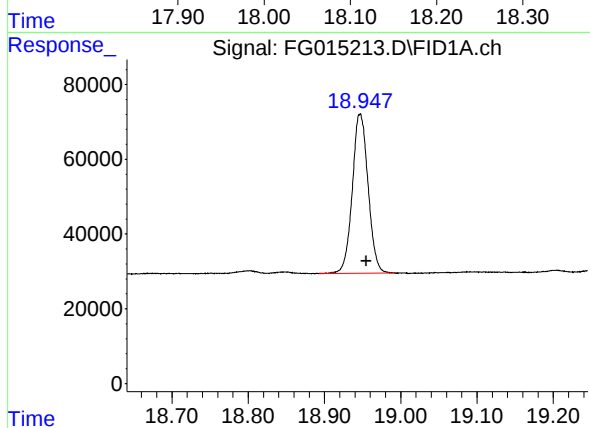
#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.006 min
Response: 602253
Conc: 4.58 ug/ml



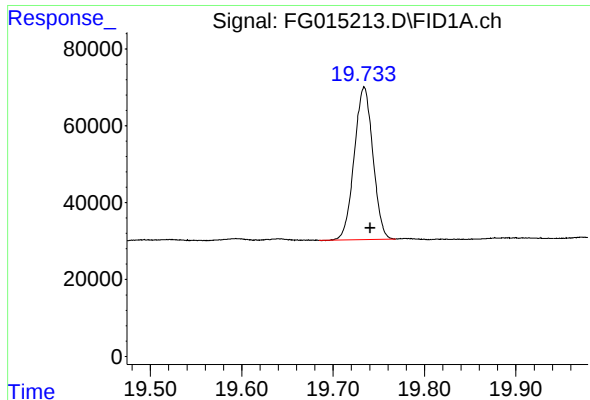
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.007 min
Response: 618173
Conc: 4.66 ug/ml



#18 n-Dotriacontane (C32)

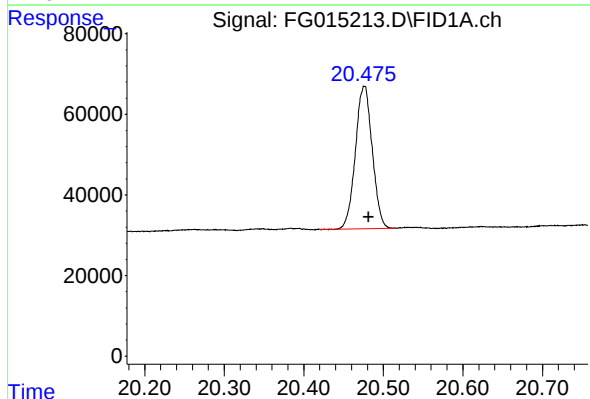
R.T.: 18.947 min
Delta R.T.: -0.009 min
Response: 613508
Conc: 4.86 ug/ml



#19 n-Tetratriacontane (C34)

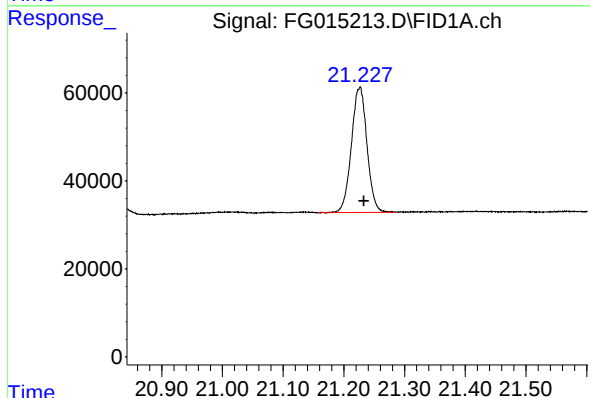
R.T.: 19.734 min
Delta R.T.: -0.007 min
Response: 561341
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :
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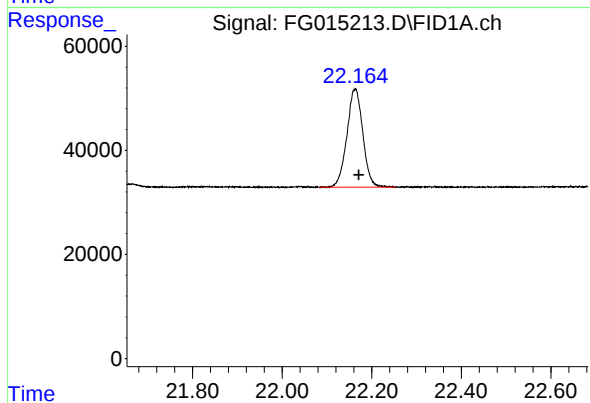
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: -0.005 min
Response: 519476
Conc: 5.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: -0.006 min
Response: 506337
Conc: 5.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: -0.008 min
Response: 464833
Conc: 5.48 ug/ml