

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009236.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 14:45
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 14 15:19:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 15:18:23 2021
 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			
9) S ortho-Terphenyl (SURR)	10.759	1375616	10.242 ug/ml
Spiked Amount 50.000		Recovery =	20.48%
12) S 1-chlorooctadecane (S...	12.203	1082139	10.280 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
Target Compounds			
1) T n-Nonane (C9)	2.613	1147554	9.996 ug/ml
2) T n-Decane (C10)	3.616	1143868	9.986 ug/ml
3) T A~Naphthalene (C11.7)	5.190	1093144	9.038 ug/ml
4) T n-Dodecane (C12)	5.606	1142456	9.888 ug/ml
5) T A~2-methylnaphthalene...	6.243	1063220	9.093 ug/ml
6) T n-Tetradecane (C14)	7.401	1158416	9.936 ug/ml
7) T n-Hexadecane (C16)	9.003	1195169	10.154 ug/ml
8) T n-Octadecane (C18)	10.446	1253354	10.159 ug/ml
10) T n-Eicosane (C20)	11.757	1268230	10.224 ug/ml
11) T n-Heneicosane (C21)	12.370	1325084	10.341 ug/ml
13) T n-Docosane (C22)	12.957	1317447	10.263 ug/ml
14) T n-Tetracosane (C24)	14.061	1351782	10.333 ug/ml
15) T n-Hexacosane (C26)	15.083	1355109	10.360 ug/ml
16) T n-Octacosane (C28)	16.034	1363809	10.393 ug/ml
17) T n-Tricontane (C30)	16.922	1337535	10.475 ug/ml
18) T n-Dotriacontane (C32)	17.755	1263890	10.479 ug/ml
19) T n-Tetratriacontane (C34)	18.539	1188867	10.308 ug/ml
20) T n-Hexatriacontane (C36)	19.279	1111670	10.314 ug/ml
21) T n-Octatriacontane (C38)	19.996	1079287	10.392 ug/ml
22) T n-Tetracontane (C40)	20.857	1022086	10.338 ug/ml

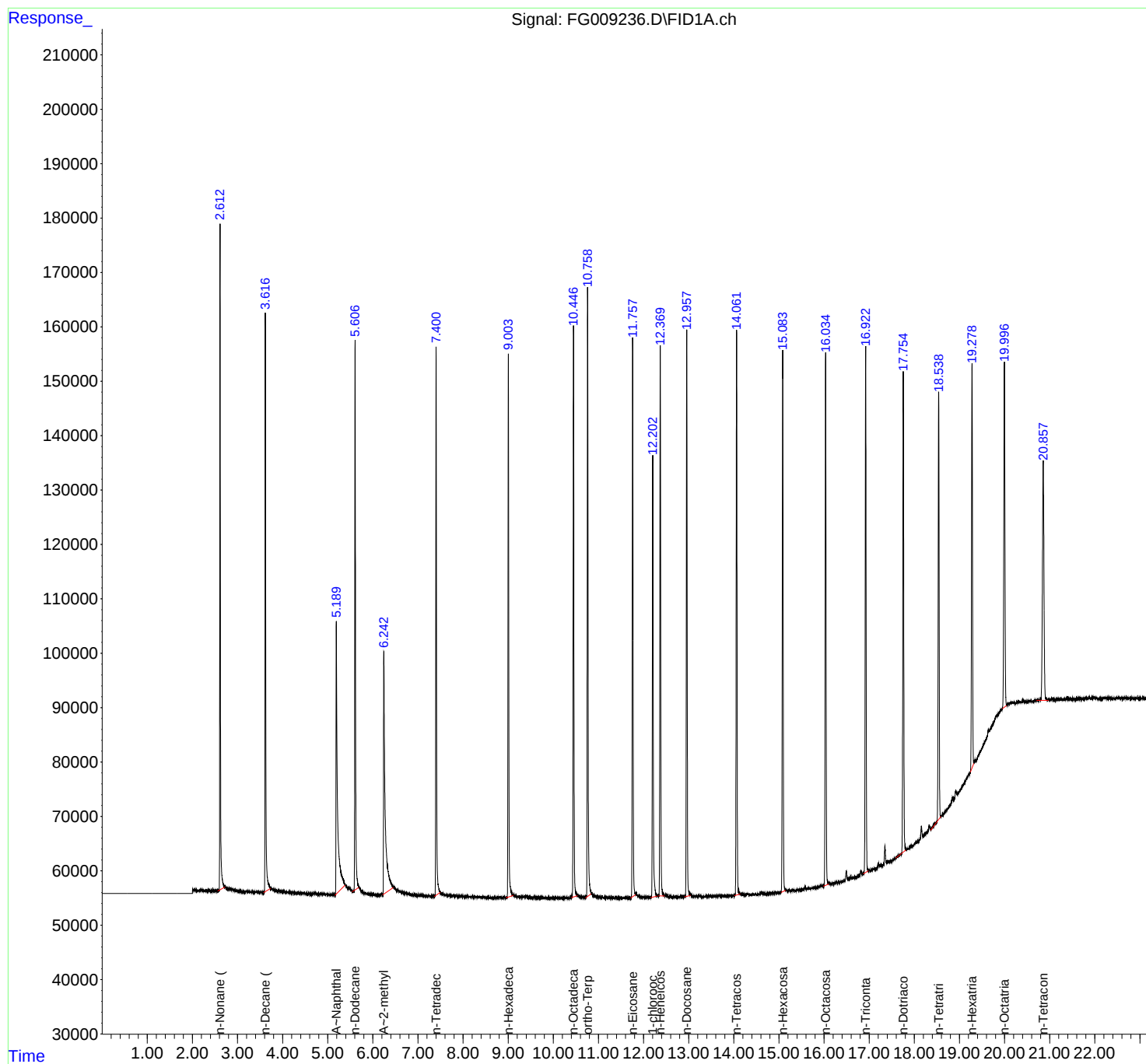
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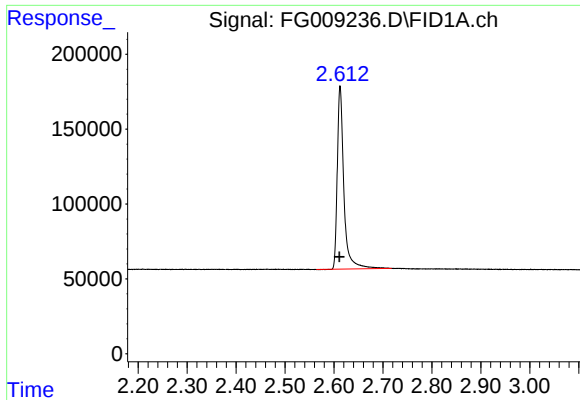
(m)=manual int.

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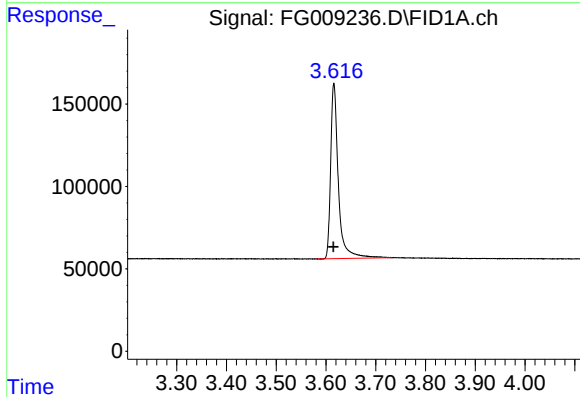
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





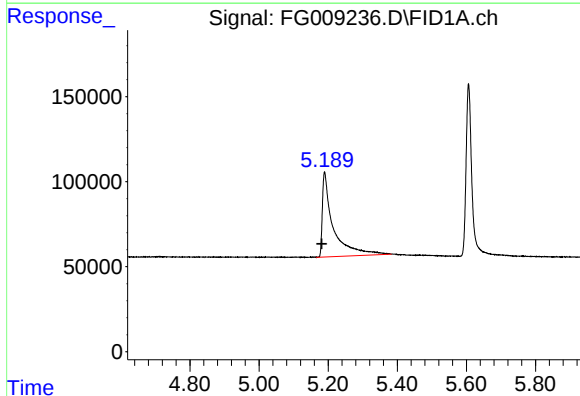
#1 n-Nonane (C9)

R.T.: 2.613 min
Delta R.T.: 0.002 min
Response: 1147554
Conc: 10.00 ug/ml



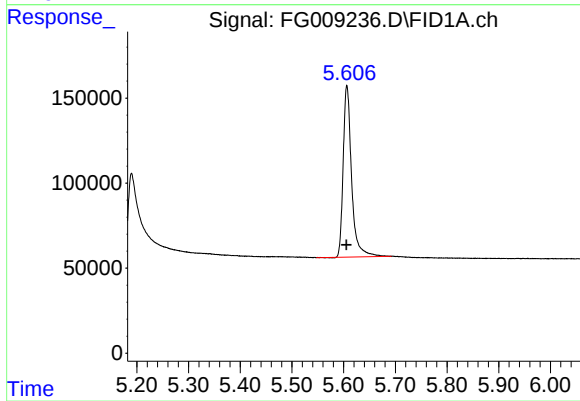
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: 0.001 min
Response: 1143868
Conc: 9.99 ug/ml



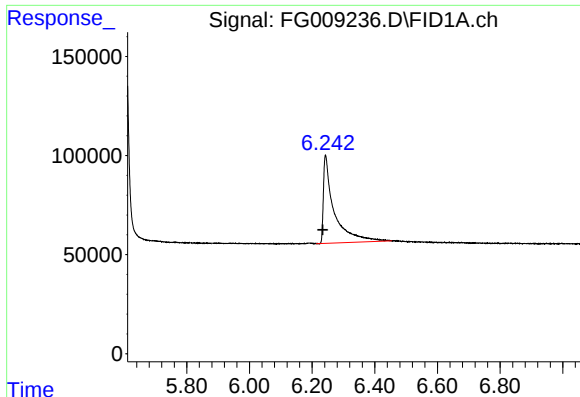
#3 A~Naphthalene (C11.7)

R.T.: 5.190 min
Delta R.T.: 0.009 min
Response: 1093144
Conc: 9.04 ug/ml



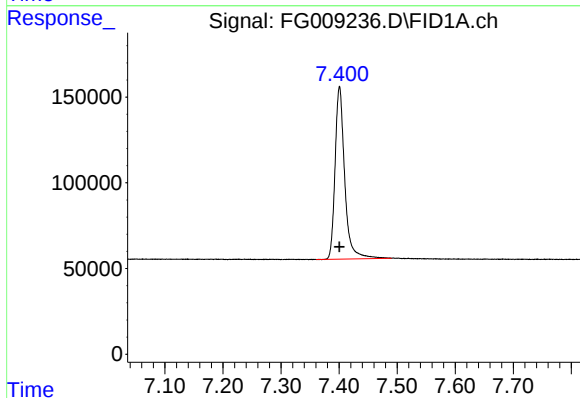
#4 n-Dodecane (C12)

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1142456
Conc: 9.89 ug/ml



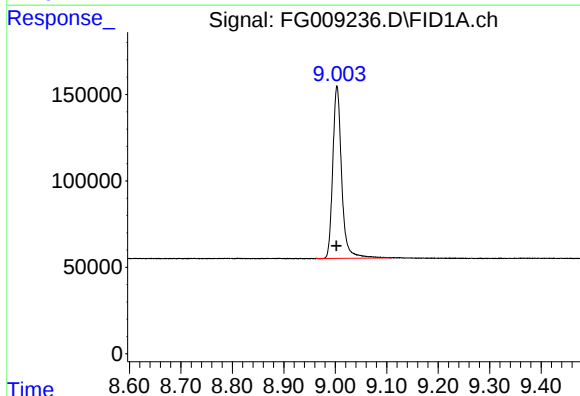
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.243 min
Delta R.T.: 0.009 min
Response: 1063220
Conc: 9.09 ug/ml



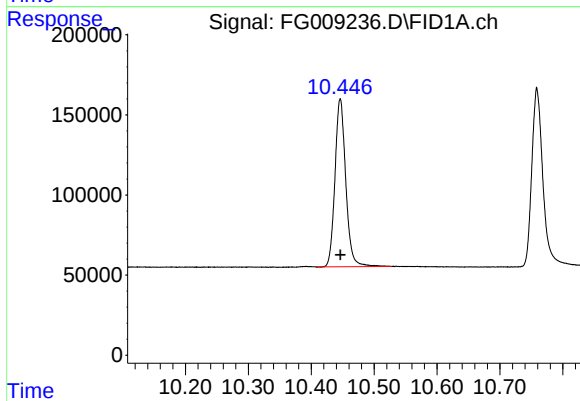
#6 n-Tetradecane (C14)

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 1158416
Conc: 9.94 ug/ml



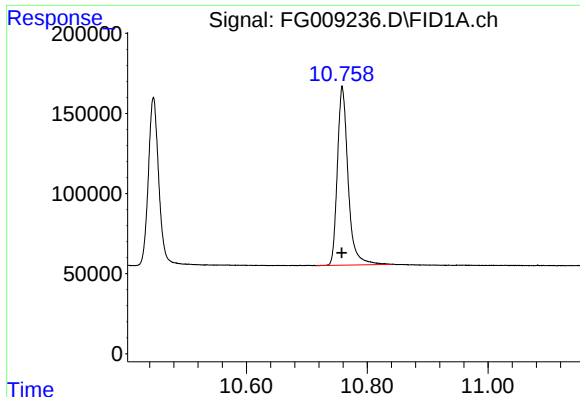
#7 n-Hexadecane (C16)

R.T.: 9.003 min
Delta R.T.: 0.001 min
Response: 1195169
Conc: 10.15 ug/ml



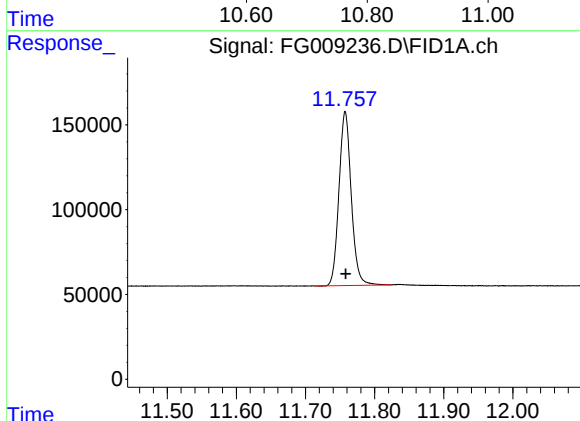
#8 n-Octadecane (C18)

R.T.: 10.446 min
Delta R.T.: 0.000 min
Response: 1253354
Conc: 10.16 ug/ml



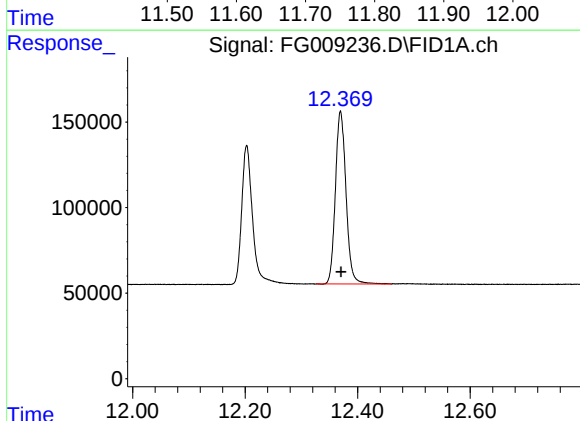
#9 ortho-Terphenyl (SURR)

R.T.: 10.759 min
Delta R.T.: 0.000 min
Response: 1375616
Conc: 10.24 ug/ml



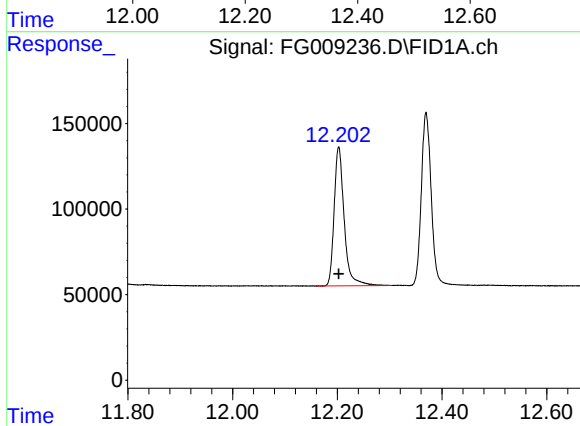
#10 n-Eicosane (C20)

R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 1268230
Conc: 10.22 ug/ml



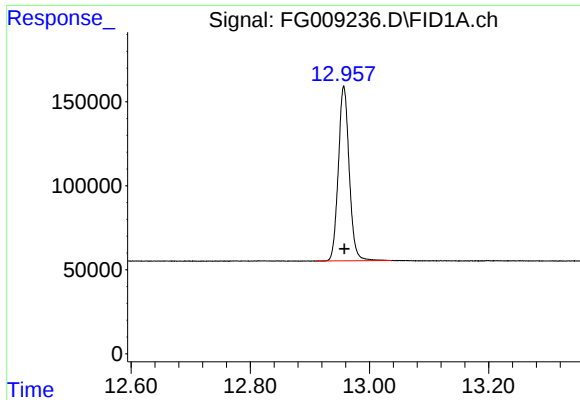
#11 n-Heneicosane (C21)

R.T.: 12.370 min
Delta R.T.: -0.001 min
Response: 1325084
Conc: 10.34 ug/ml



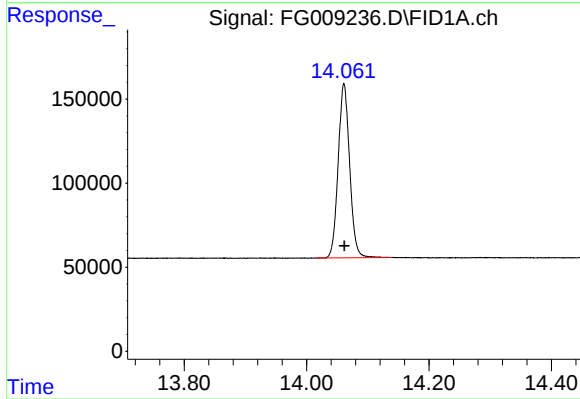
#12 1-chlorooctadecane (SURR)

R.T.: 12.203 min
Delta R.T.: 0.000 min
Response: 1082139
Conc: 10.28 ug/ml



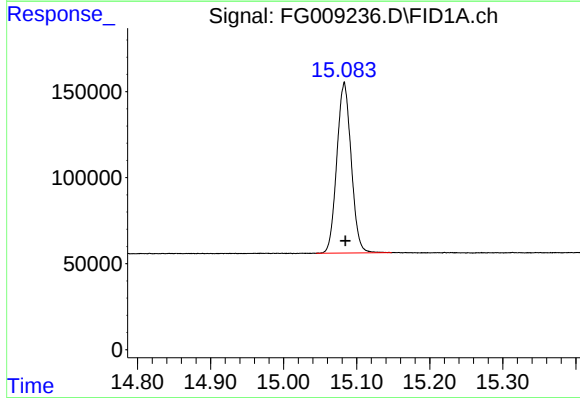
#13 n-Docosane (C22)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 1317447
Conc: 10.26 ug/ml



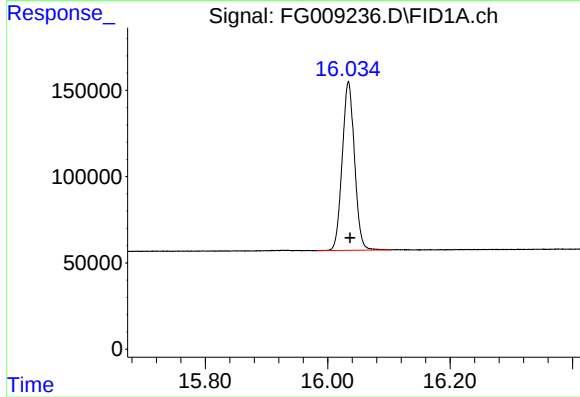
#14 n-Tetracosane (C24)

R.T.: 14.061 min
Delta R.T.: 0.000 min
Response: 1351782
Conc: 10.33 ug/ml



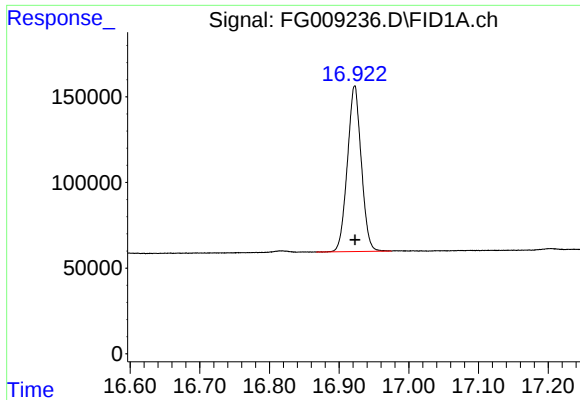
#15 n-Hexacosane (C26)

R.T.: 15.083 min
Delta R.T.: -0.002 min
Response: 1355109
Conc: 10.36 ug/ml



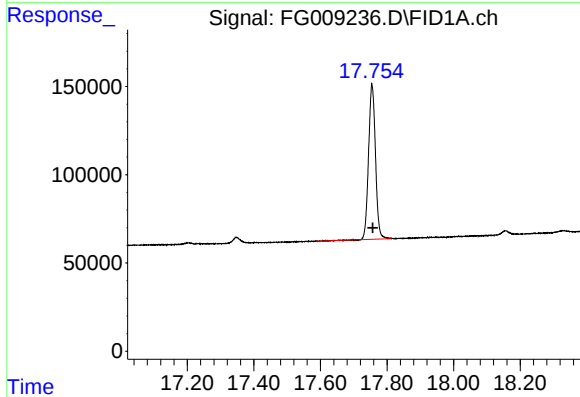
#16 n-Octacosane (C28)

R.T.: 16.034 min
Delta R.T.: -0.002 min
Response: 1363809
Conc: 10.39 ug/ml



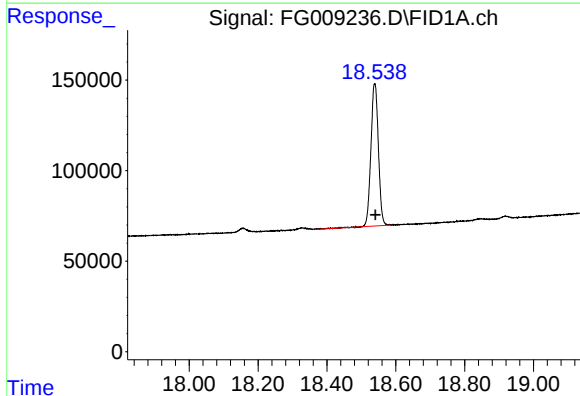
#17 n-Tricontane (C30)

R.T.: 16.922 min
Delta R.T.: 0.000 min
Response: 1337535
Conc: 10.47 ug/ml



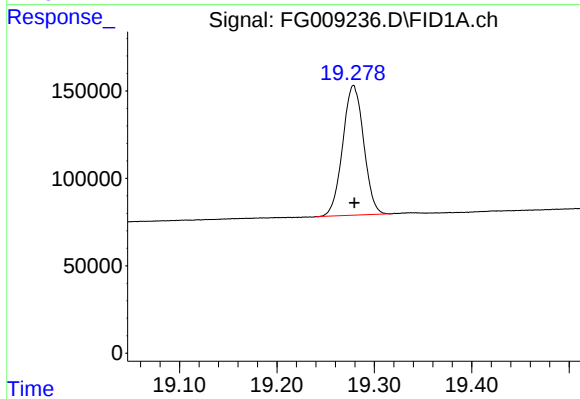
#18 n-Dotriacontane (C32)

R.T.: 17.755 min
Delta R.T.: -0.002 min
Response: 1263890
Conc: 10.48 ug/ml



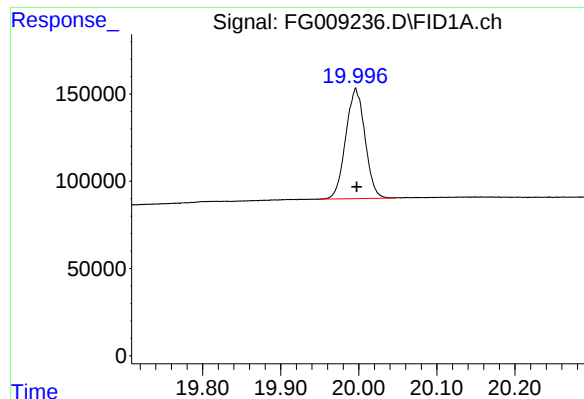
#19 n-Tetratriacontane (C34)

R.T.: 18.539 min
Delta R.T.: -0.002 min
Response: 1188867
Conc: 10.31 ug/ml



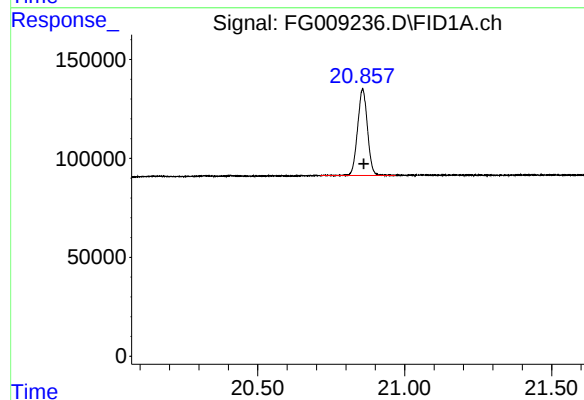
#20 n-Hexatriacontane (C36)

R.T.: 19.279 min
Delta R.T.: -0.001 min
Response: 1111670
Conc: 10.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.996 min
Delta R.T.: -0.001 min
Response: 1079287
Conc: 10.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.857 min
Delta R.T.: -0.003 min
Response: 1022086
Conc: 10.34 ug/ml