

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072519AL\
 Data File : FC042581.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jul 2019 9:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 26 09:50:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.686	2602946	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	13.108	2134476	19.470 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T n-Nonane (C9)	3.489	2294311	19.706 ug/ml
2) T n-Decane (C10)	4.552	2461765	20.865 ug/ml
3) T A~Naphthalene (C11.7)	6.139	2697539	20.780 ug/ml
4) T n-Dodecane (C12)	6.556	2497006	21.044 ug/ml
5) T A~2-methylnaphthalene...	7.188	2725252	20.973 ug/ml
6) T n-Tetradecane (C14)	8.338	2497392	20.990 ug/ml
7) T n-Hexadecane (C16)	9.928	2506647	20.876 ug/ml
8) T n-Octadecane (C18)	11.362	2504559	20.523 ug/ml
10) T n-Eicosane (C20)	12.664	2492522	19.986 ug/ml
11) T n-Heneicosane (C21)	13.272	2455495	19.616 ug/ml
13) T n-Docosane (C22)	13.856	2436793	19.428 ug/ml
14) T n-Tetracosane (C24)	14.954	2350297	18.554 ug/ml
15) T n-Hexacosane (C26)	15.970	2280224	18.033 ug/ml
16) T n-Octacosane (C28)	16.915	2236226	17.721 ug/ml
17) T n-Tricontane (C30)	17.799	2172646	17.723 ug/ml
18) T n-Dotriacontane (C32)	18.629	2014290	18.028 ug/ml
19) T n-Tetratriacontane (C34)	19.410	1697901	18.334 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1504060	18.872 ug/ml
21) T n-Octatriacontane (C38)	20.891	1417789	19.776 ug/ml
22) T n-Tetracontane (C40)	21.819	1405556	20.255 ug/ml

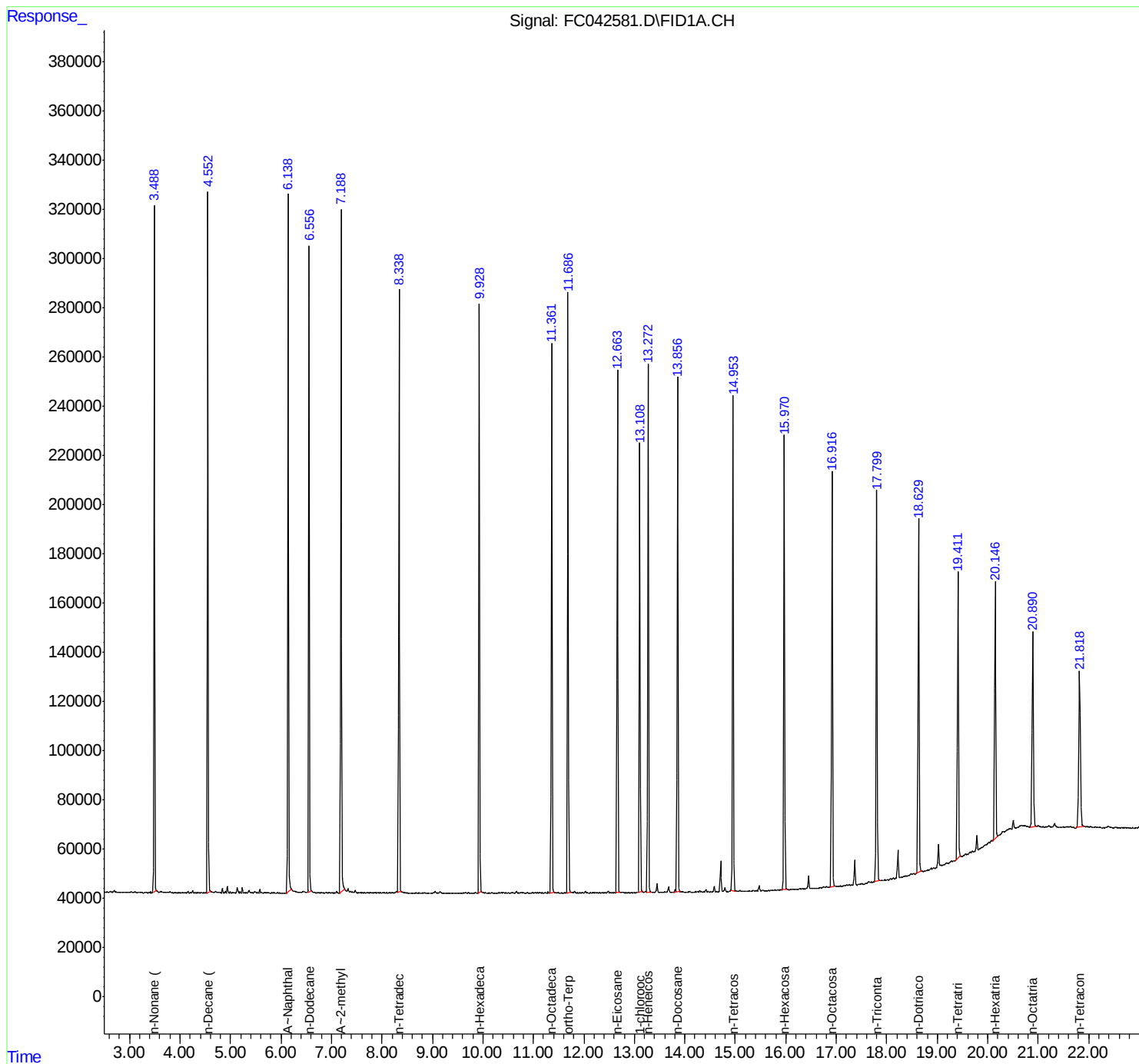
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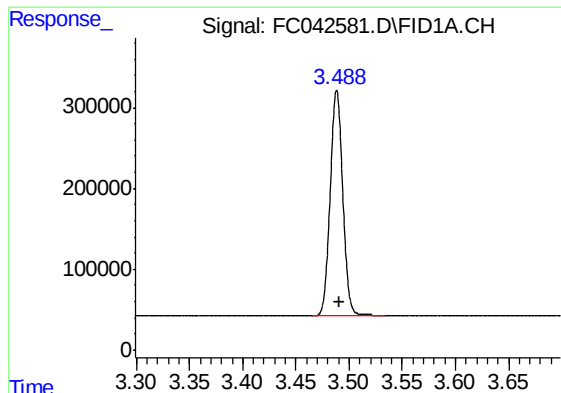
(m)=manual int.

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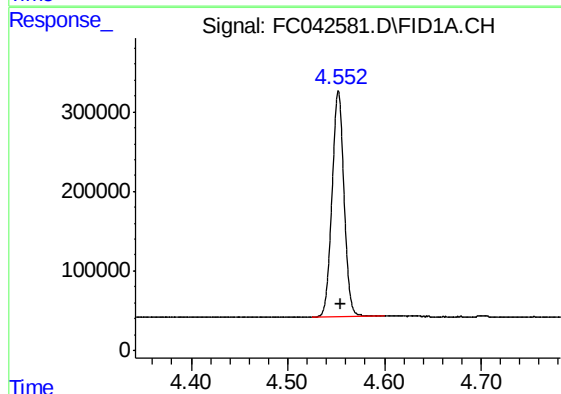
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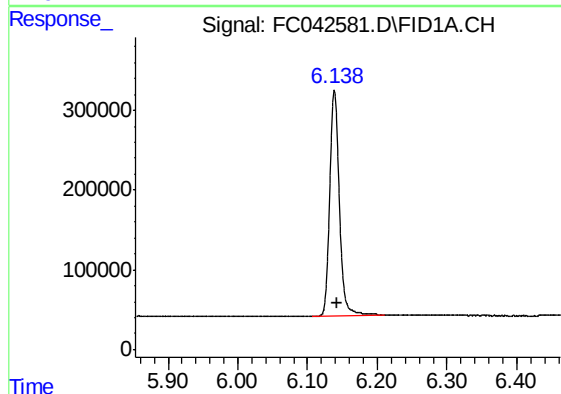
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.002 min
Response: 2294311
Conc: 19.71 ug/ml



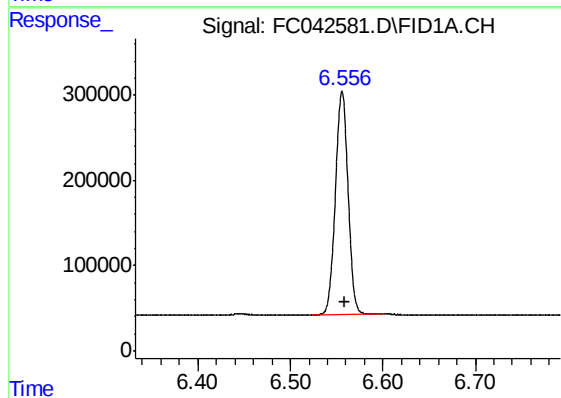
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 2461765
Conc: 20.87 ug/ml



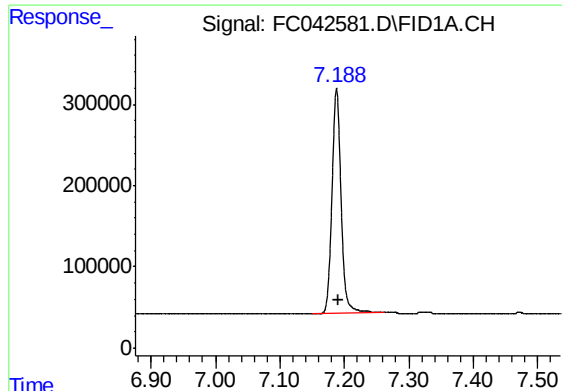
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 2697539
Conc: 20.78 ug/ml



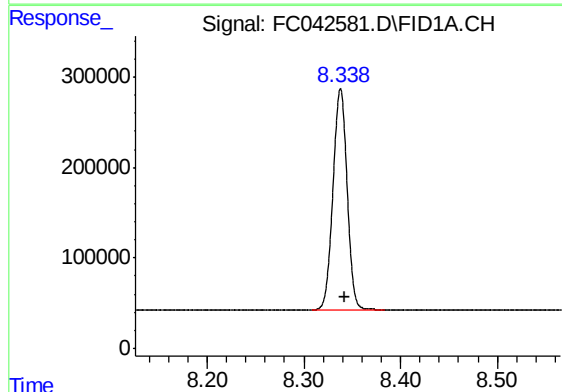
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 2497006
Conc: 21.04 ug/ml



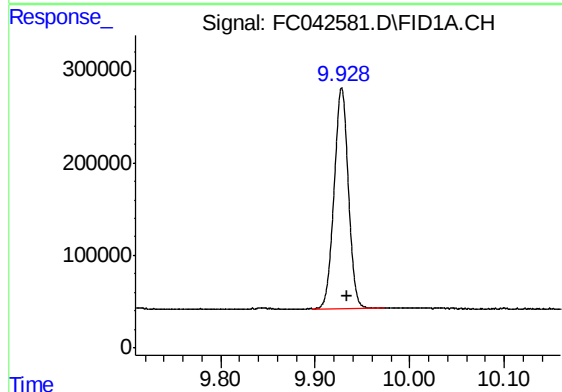
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 2725252
Conc: 20.97 ug/ml



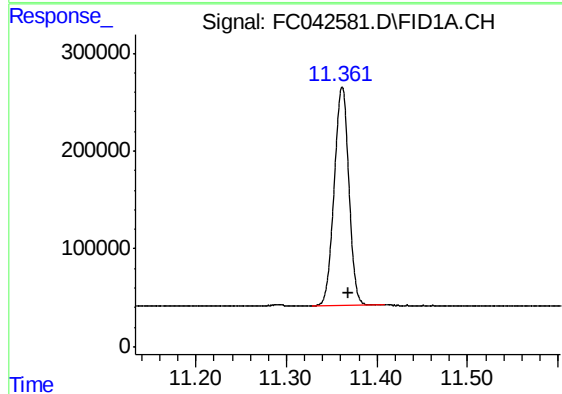
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 2497392
Conc: 20.99 ug/ml



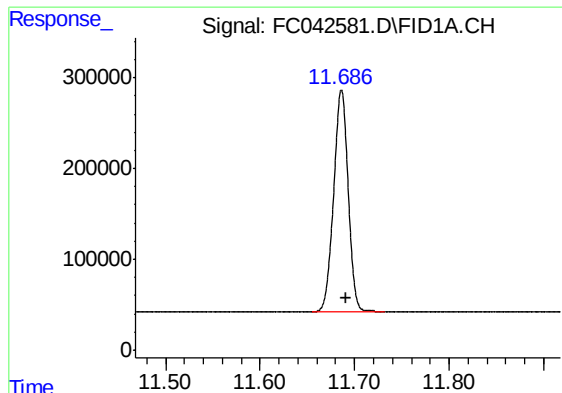
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.005 min
Response: 2506647
Conc: 20.88 ug/ml



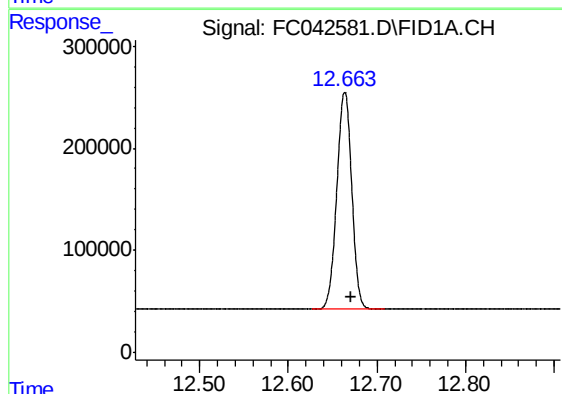
#8 n-Octadecane (C18)

R.T.: 11.362 min
Delta R.T.: -0.007 min
Response: 2504559
Conc: 20.52 ug/ml



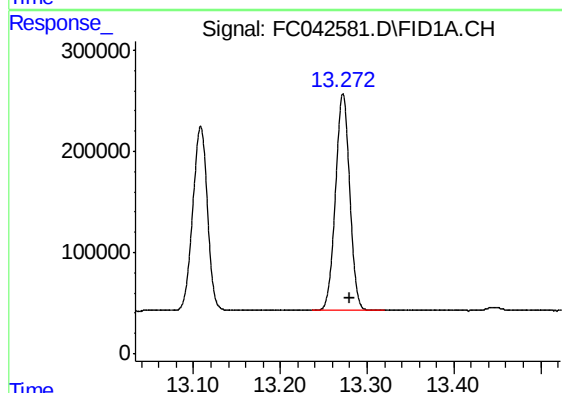
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min
Delta R.T.: -0.005 min
Response: 2602946
Conc: 19.67 ug/ml



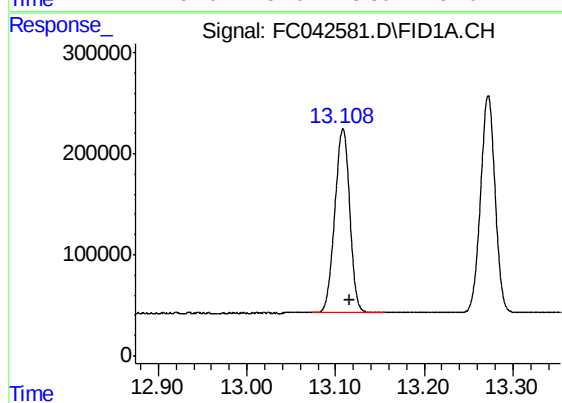
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.007 min
Response: 2492522
Conc: 19.99 ug/ml



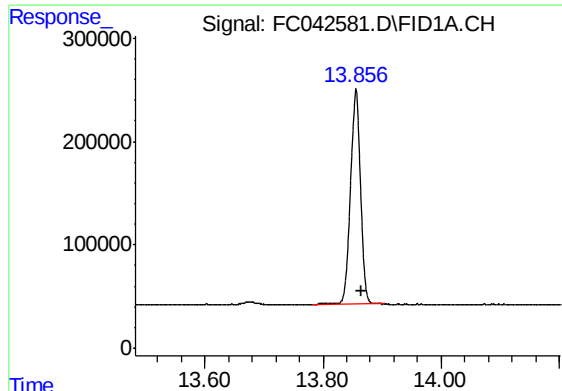
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.008 min
Response: 2455495
Conc: 19.62 ug/ml



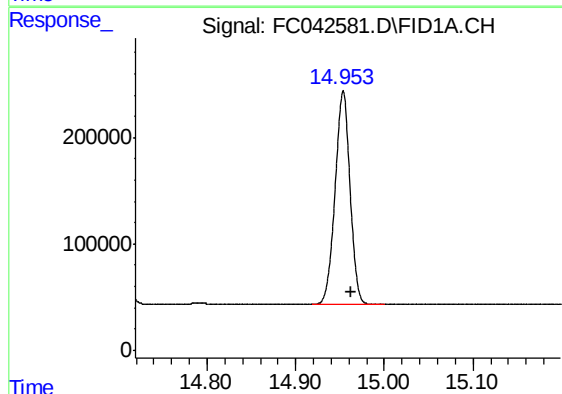
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 2134476
Conc: 19.47 ug/ml



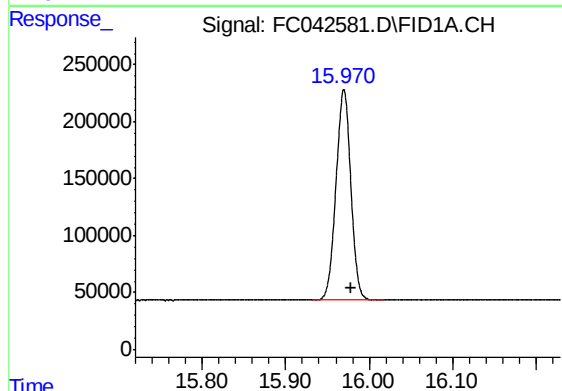
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.008 min
Response: 2436793
Conc: 19.43 ug/ml



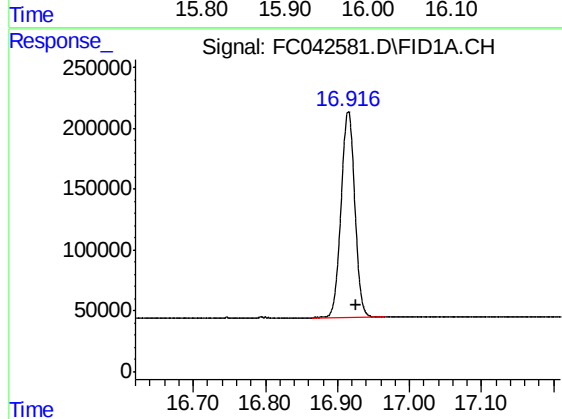
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.008 min
Response: 2350297
Conc: 18.55 ug/ml



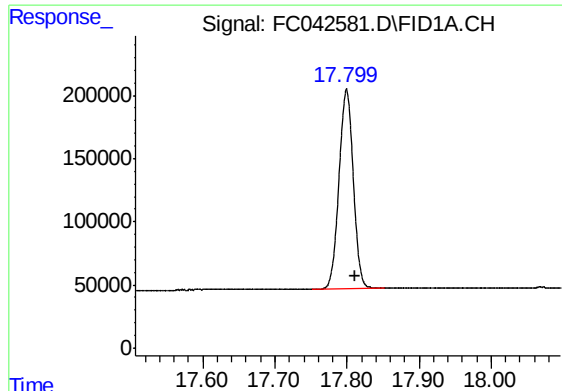
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.009 min
Response: 2280224
Conc: 18.03 ug/ml



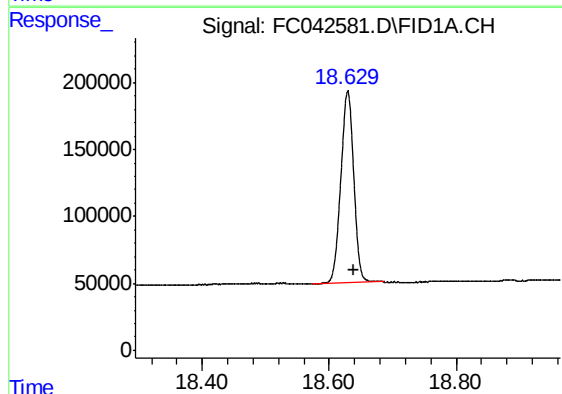
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.011 min
Response: 2236226
Conc: 17.72 ug/ml



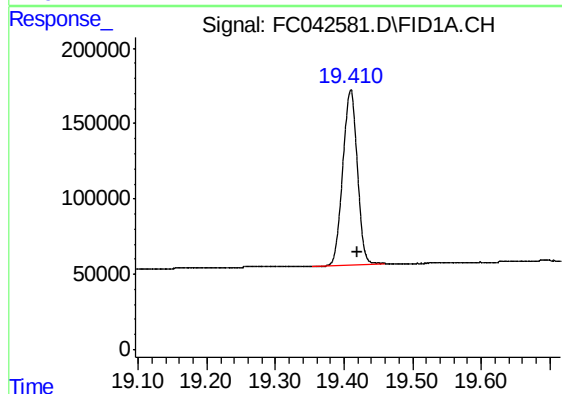
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 2172646
Conc: 17.72 ug/ml



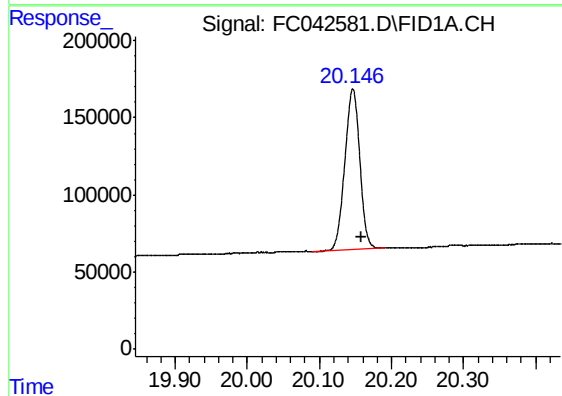
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.010 min
Response: 2014290
Conc: 18.03 ug/ml



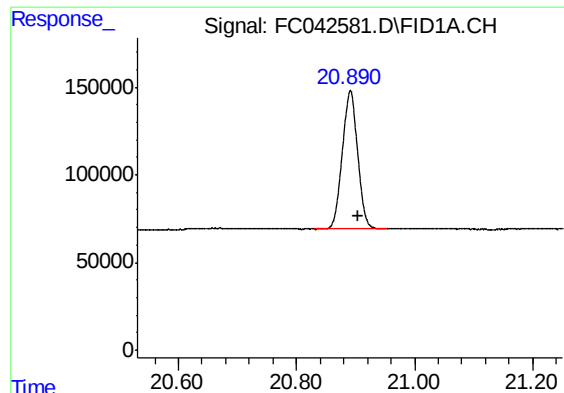
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.010 min
Response: 1697901
Conc: 18.33 ug/ml



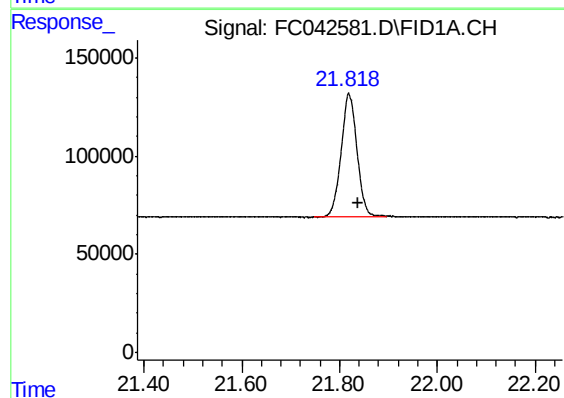
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min
Delta R.T.: -0.011 min
Response: 1504060
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: -0.013 min
Response: 1417789
Conc: 19.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.819 min
Delta R.T.: -0.019 min
Response: 1405556
Conc: 20.25 ug/ml