

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021621AL\
 Data File : FC052048.D
 Signal(s) : FID1A.CH
 Acq On : 16 Feb 2021 17:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:16:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 2021
 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)	11.699	2570387	21.177 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
12) S 1-chlorooctadecane (S...	13.130	2057795	20.958 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	3.451	2199641	20.817 ug/ml
2) T n-Decane (C10)	4.520	2228390	20.911 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2522867	21.095 ug/ml
4) T n-Dodecane (C12)	6.539	2275987	21.048 ug/ml
5) T A~2-methylnaphthalene...	7.170	2586010	21.193 ug/ml
6) T n-Tetradecane (C14)	8.335	2299590	21.175 ug/ml
7) T n-Hexadecane (C16)	9.934	2284645	21.170 ug/ml
8) T n-Octadecane (C18)	11.375	2391002	21.149 ug/ml
10) T n-Eicosane (C20)	12.685	2416264	21.039 ug/ml
11) T n-Heneicosane (C21)	13.296	2416276	20.966 ug/ml
13) T n-Docosane (C22)	13.882	2413499	20.822 ug/ml
14) T n-Tetracosane (C24)	14.985	2401826	20.511 ug/ml
15) T n-Hexacosane (C26)	16.006	2342123	20.033 ug/ml
16) T n-Octacosane (C28)	16.953	2290368	19.475 ug/ml
17) T n-Tricontane (C30)	17.841	2224898	18.823 ug/ml
18) T n-Dotriacontane (C32)	18.673	2112669	18.016 ug/ml
19) T n-Tetratriacontane (C34)	19.456	2024165	17.477 ug/ml
20) T n-Hexatriacontane (C36)	20.196	1910216	17.169 ug/ml
21) T n-Octatriacontane (C38)	20.952	1805082	17.625 ug/ml
22) T n-Tetracontane (C40)	21.904	1816376	17.621 ug/ml

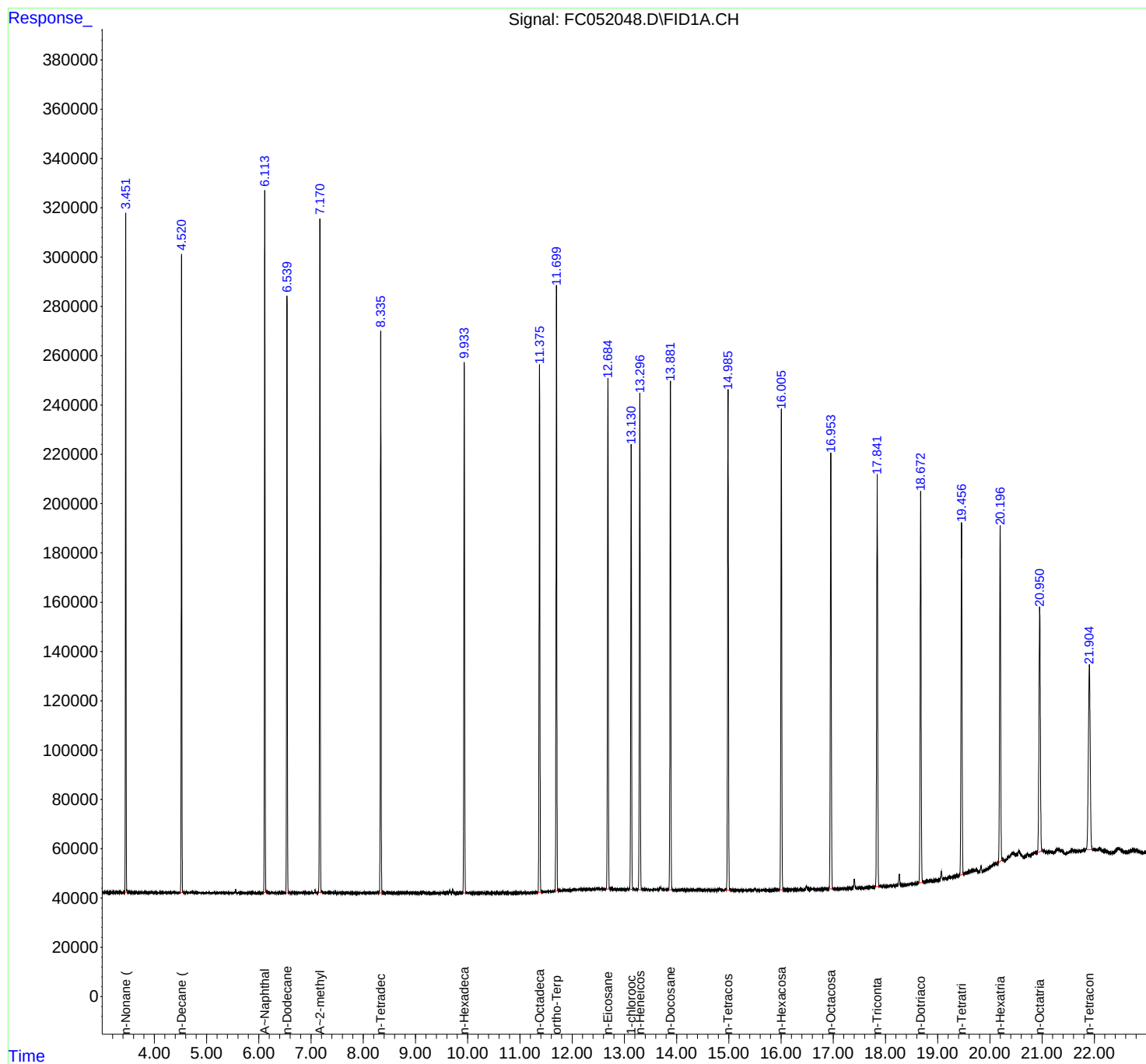
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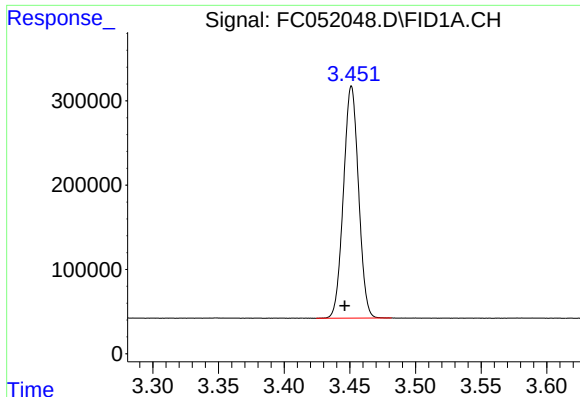
(m)=manual int.

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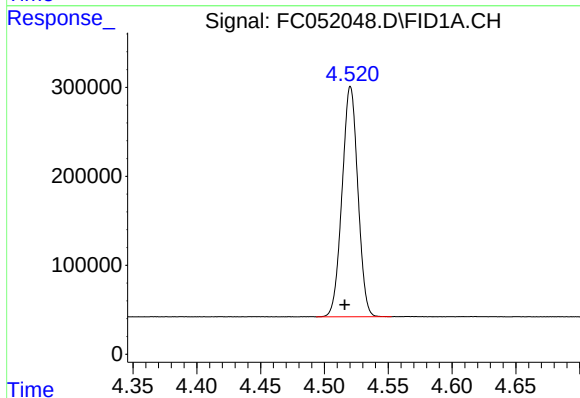
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





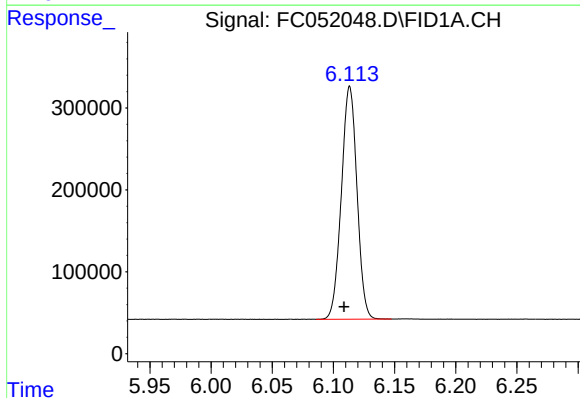
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.005 min
Response: 2199641
Conc: 20.82 ug/ml



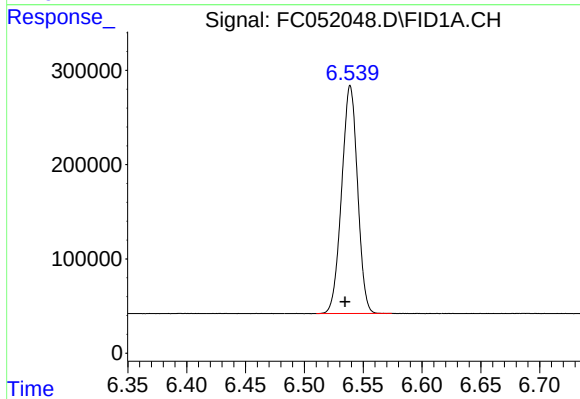
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 2228390
Conc: 20.91 ug/ml



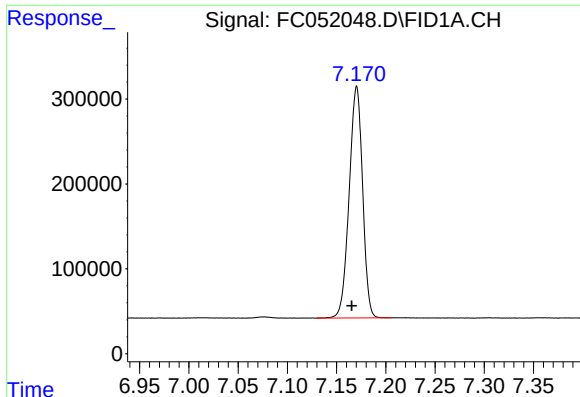
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.005 min
Response: 2522867
Conc: 21.09 ug/ml



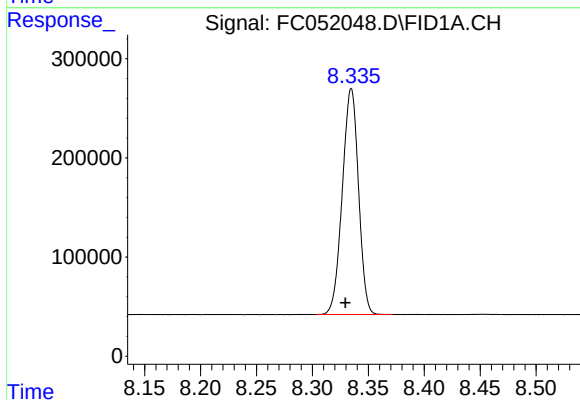
#4 n-Dodecane (C12)

R.T.: 6.539 min
Delta R.T.: 0.005 min
Response: 2275987
Conc: 21.05 ug/ml



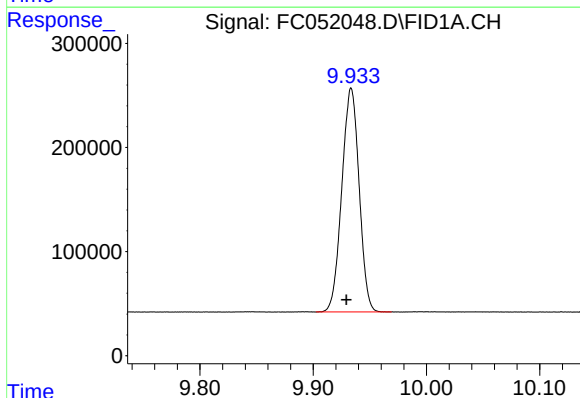
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.170 min
Delta R.T.: 0.005 min
Response: 2586010
Conc: 21.19 ug/ml



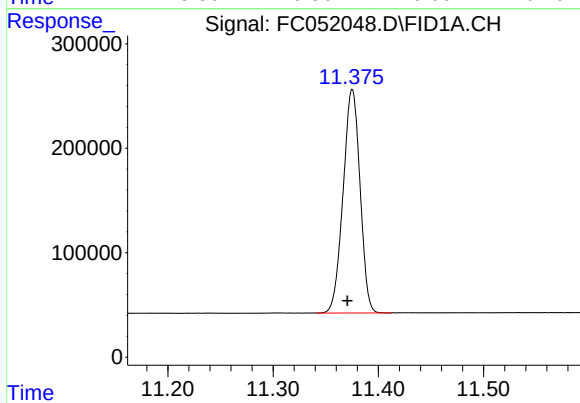
#6 n-Tetradecane (C14)

R.T.: 8.335 min
Delta R.T.: 0.005 min
Response: 2299590
Conc: 21.18 ug/ml



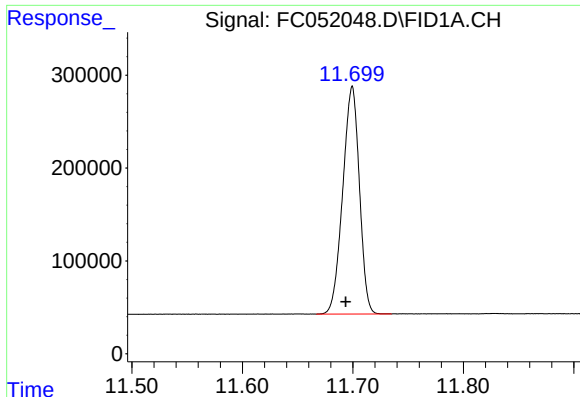
#7 n-Hexadecane (C16)

R.T.: 9.934 min
Delta R.T.: 0.004 min
Response: 2284645
Conc: 21.17 ug/ml



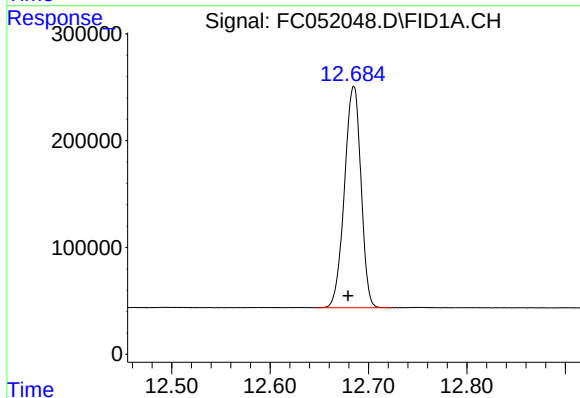
#8 n-Octadecane (C18)

R.T.: 11.375 min
Delta R.T.: 0.005 min
Response: 2391002
Conc: 21.15 ug/ml



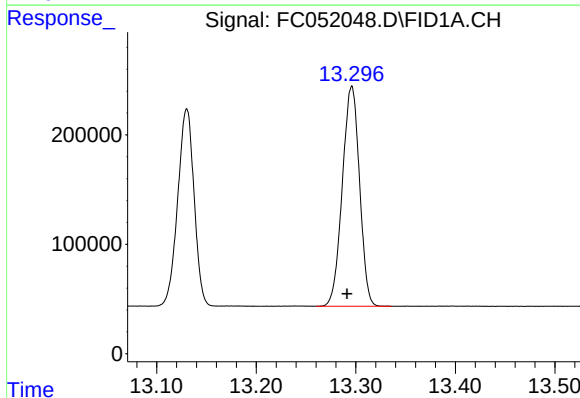
#9 ortho-Terphenyl (SURR)

R.T.: 11.699 min
Delta R.T.: 0.006 min
Response: 2570387
Conc: 21.18 ug/ml



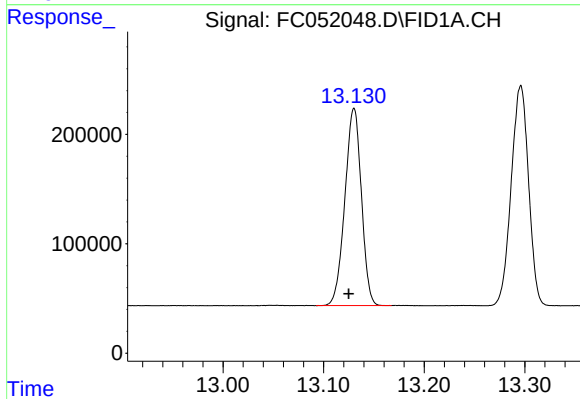
#10 n-Eicosane (C20)

R.T.: 12.685 min
Delta R.T.: 0.006 min
Response: 2416264
Conc: 21.04 ug/ml



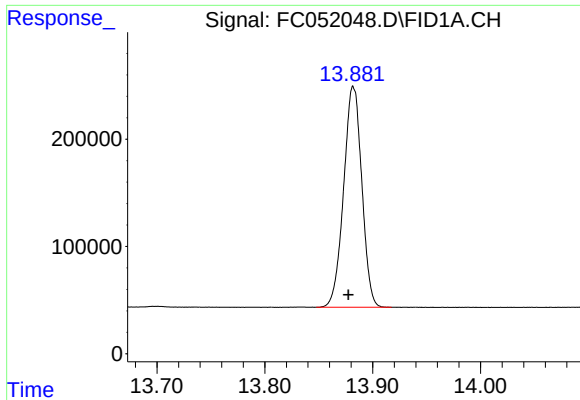
#11 n-Heneicosane (C21)

R.T.: 13.296 min
Delta R.T.: 0.005 min
Response: 2416276
Conc: 20.97 ug/ml



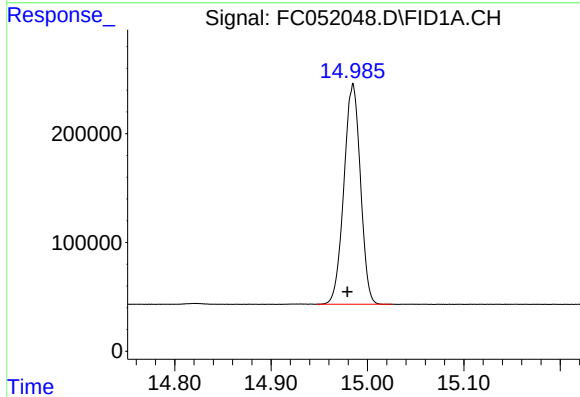
#12 1-chlorooctadecane (SURR)

R.T.: 13.130 min
Delta R.T.: 0.005 min
Response: 2057795
Conc: 20.96 ug/ml



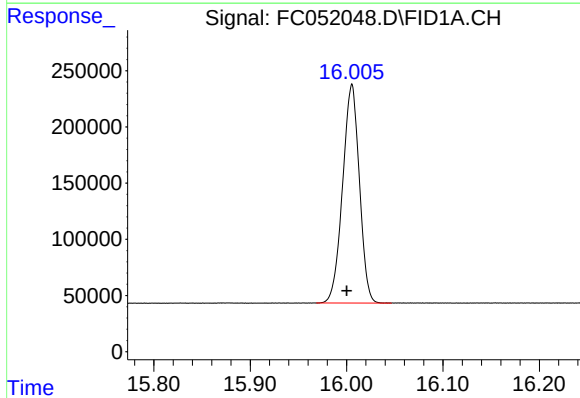
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: 0.005 min
Response: 2413499
Conc: 20.82 ug/ml



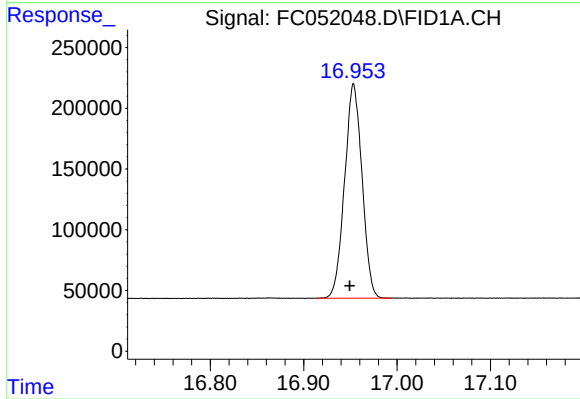
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: 0.006 min
Response: 2401826
Conc: 20.51 ug/ml



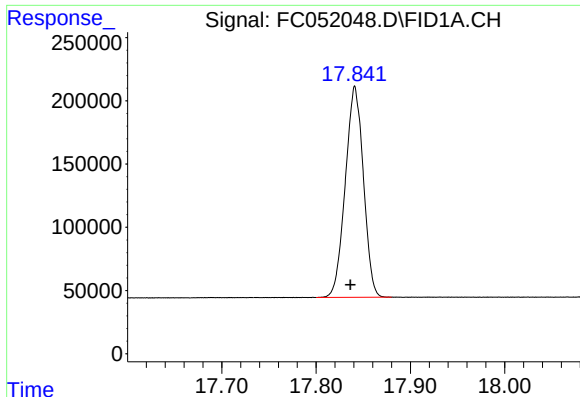
#15 n-Hexacosane (C26)

R.T.: 16.006 min
Delta R.T.: 0.005 min
Response: 2342123
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.953 min
Delta R.T.: 0.004 min
Response: 2290368
Conc: 19.47 ug/ml



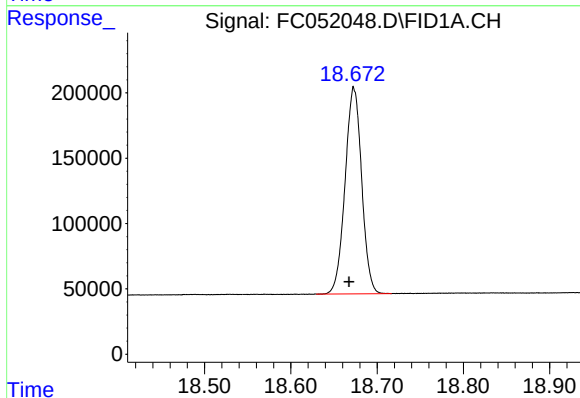
#17 n-Tricontane (C30)

R.T.: 17.841 min

Delta R.T.: 0.005 min

Response: 2224898

Conc: 18.82 ug/ml



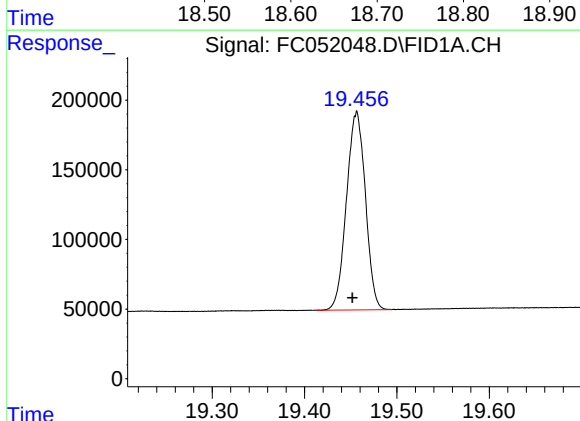
#18 n-Dotriacontane (C32)

R.T.: 18.673 min

Delta R.T.: 0.006 min

Response: 2112669

Conc: 18.02 ug/ml



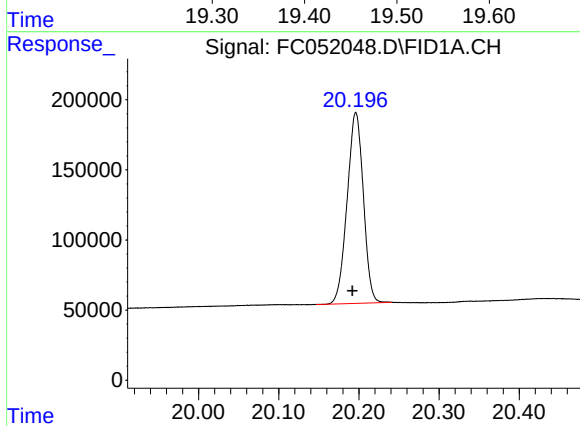
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min

Delta R.T.: 0.005 min

Response: 2024165

Conc: 17.48 ug/ml



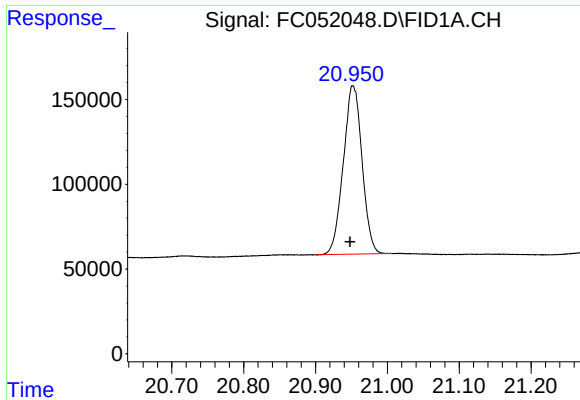
#20 n-Hexatriacontane (C36)

R.T.: 20.196 min

Delta R.T.: 0.005 min

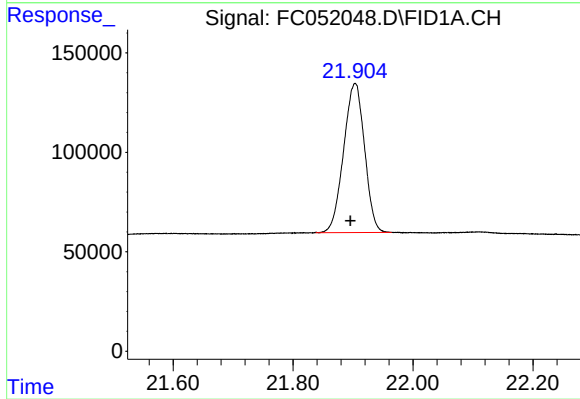
Response: 1910216

Conc: 17.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.004 min
Response: 1805082
Conc: 17.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: 0.008 min
Response: 1816376
Conc: 17.62 ug/ml