

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012720AL\
 Data File : FC045478.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2020 9:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 03:48:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.761	2370289	21.562 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
12) S 1-chlorooctadecane (S...	13.183	1851631	21.297 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
Target Compounds			
1) T n-Nonane (C9)	3.518	2180376	22.542 ug/ml
2) T n-Decane (C10)	4.590	2221470	22.937 ug/ml
3) T A~Naphthalene (C11.7)	6.192	2444566	22.888 ug/ml
4) T n-Dodecane (C12)	6.606	2250215	23.018 ug/ml
5) T A~2-methylnaphthalene...	7.246	2459777	22.947 ug/ml
6) T n-Tetradecane (C14)	8.396	2244287	22.775 ug/ml
7) T n-Hexadecane (C16)	9.993	2241124	22.386 ug/ml
8) T n-Octadecane (C18)	11.431	2237015	21.963 ug/ml
10) T n-Eicosane (C20)	12.737	2212522	21.574 ug/ml
11) T n-Heneicosane (C21)	13.347	2211674	21.367 ug/ml
13) T n-Docosane (C22)	13.933	2185769	21.184 ug/ml
14) T n-Tetracosane (C24)	15.031	2159519	20.782 ug/ml
15) T n-Hexacosane (C26)	16.050	2101120	20.337 ug/ml
16) T n-Octacosane (C28)	16.998	2045423	20.012 ug/ml
17) T n-Tricontane (C30)	17.882	1958909	19.954 ug/ml
18) T n-Dotriacontane (C32)	18.714	1661171	19.964 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1396423	19.733 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1264054	19.714 ug/ml
21) T n-Octatriacontane (C38)	21.002	1169476	19.995 ug/ml
22) T n-Tetracontane (C40)	21.972	1250058	21.190 ug/ml

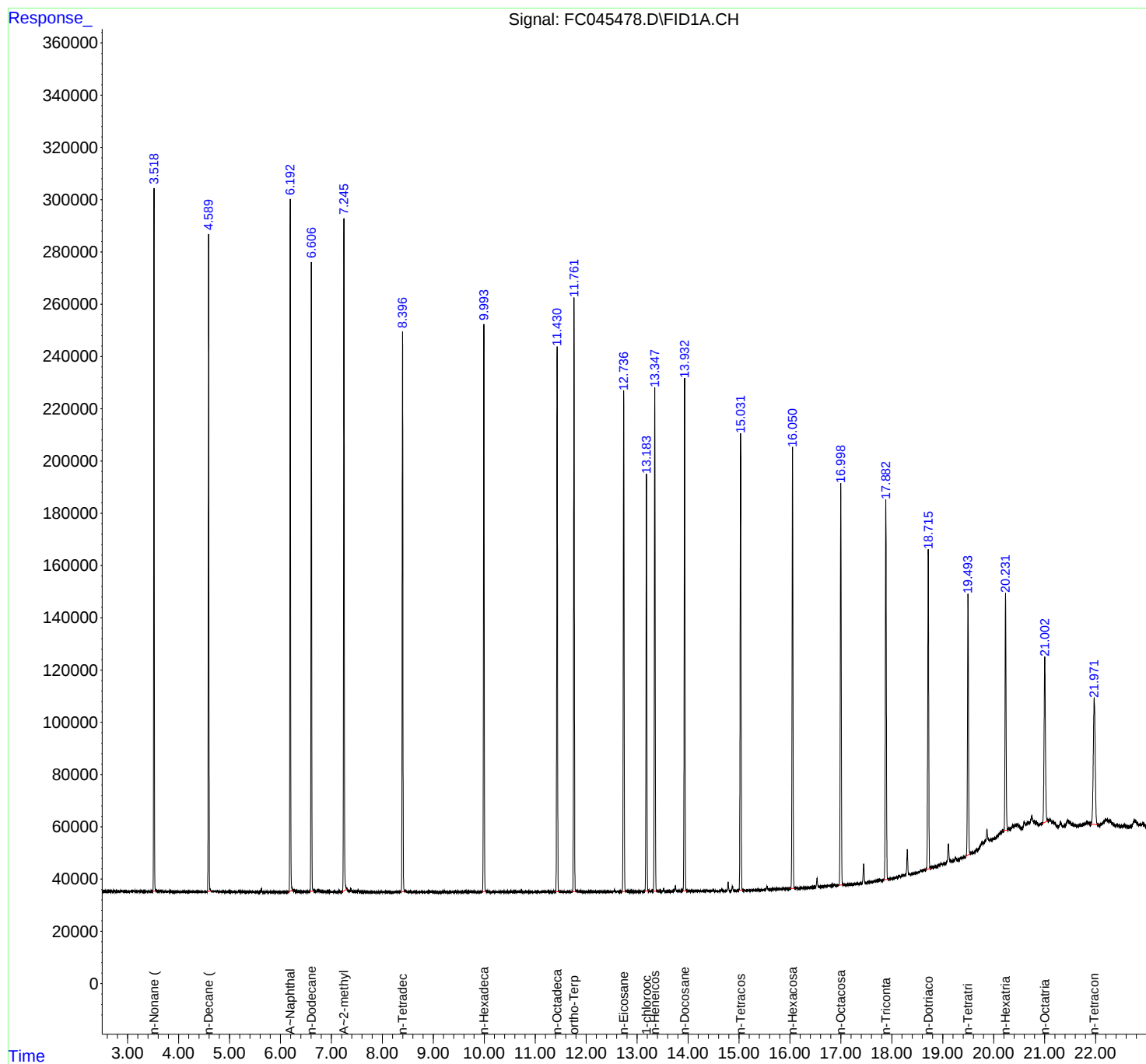
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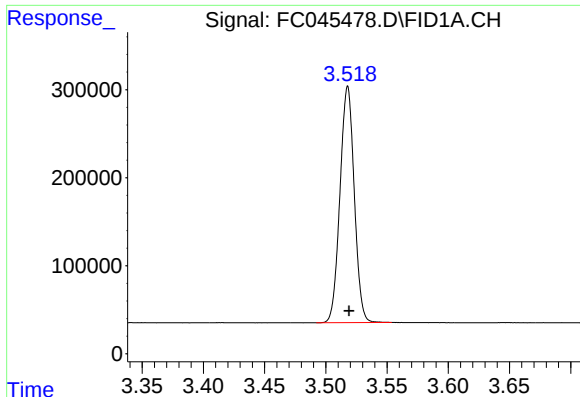
(m)=manual int.

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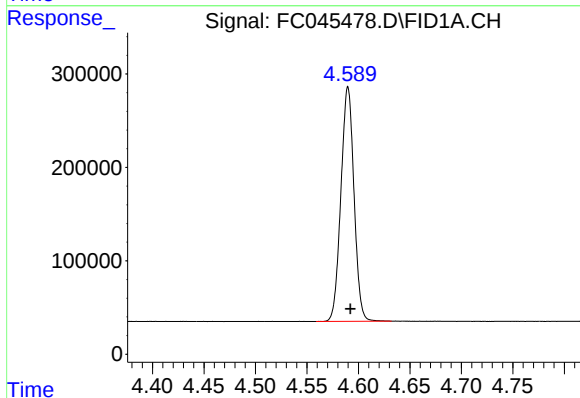
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





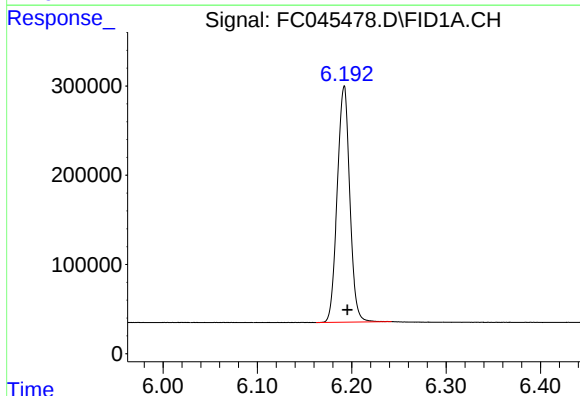
#1 n-Nonane (C9)

R.T.: 3.518 min
Delta R.T.: -0.001 min
Response: 2180376
Conc: 22.54 ug/ml



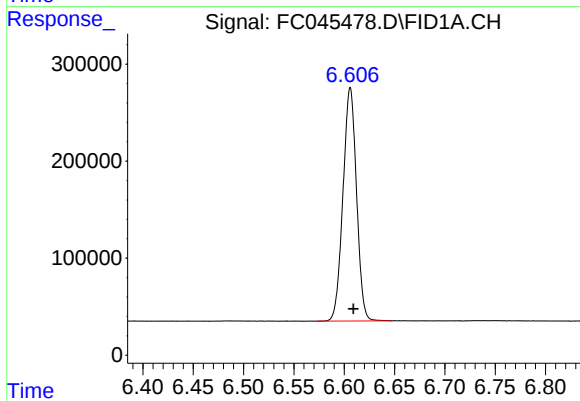
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 2221470
Conc: 22.94 ug/ml



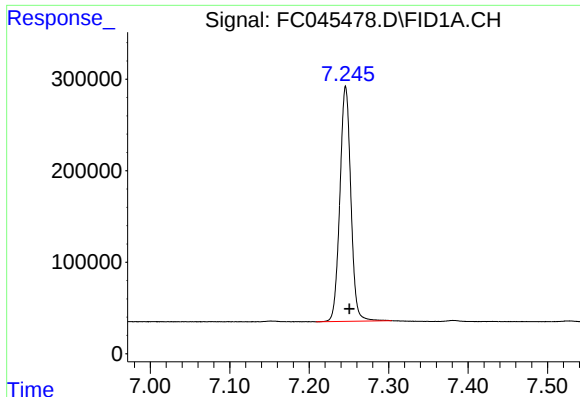
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 2444566
Conc: 22.89 ug/ml



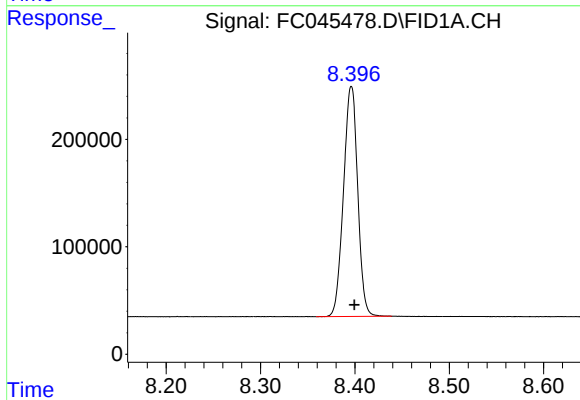
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 2250215
Conc: 23.02 ug/ml



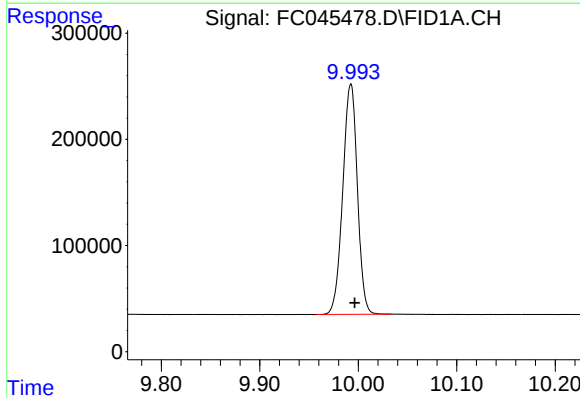
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.005 min
Response: 2459777
Conc: 22.95 ug/ml



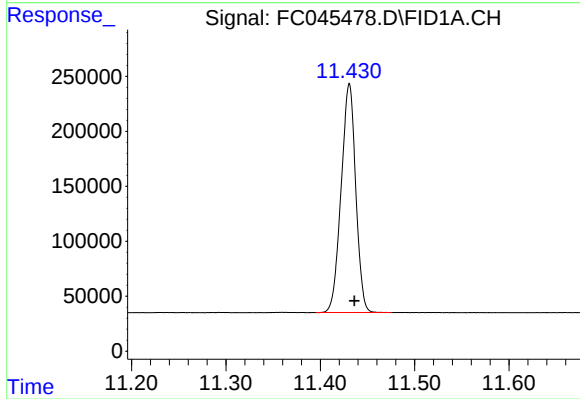
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.003 min
Response: 2244287
Conc: 22.77 ug/ml



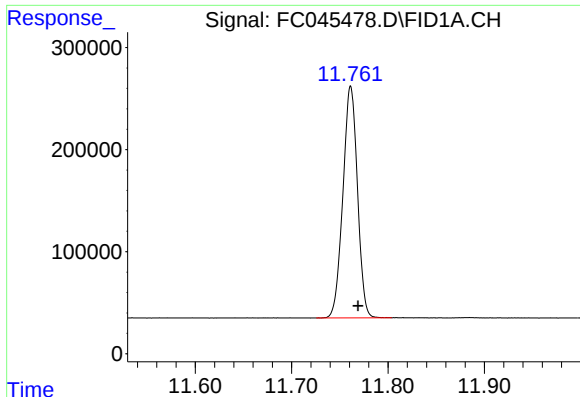
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.004 min
Response: 2241124
Conc: 22.39 ug/ml



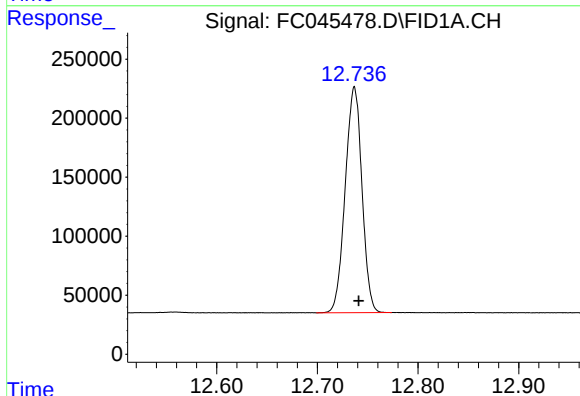
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.005 min
Response: 2237015
Conc: 21.96 ug/ml



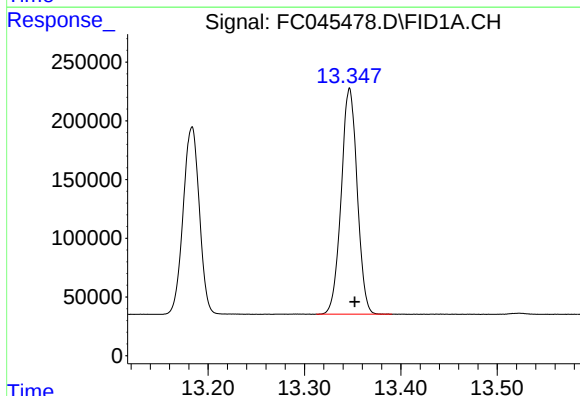
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: -0.008 min
Response: 2370289
Conc: 21.56 ug/ml



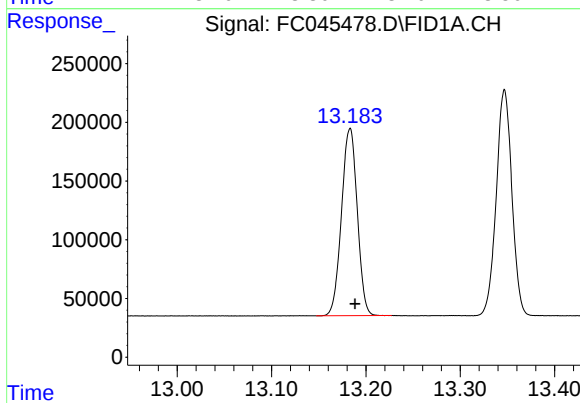
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.004 min
Response: 2212522
Conc: 21.57 ug/ml



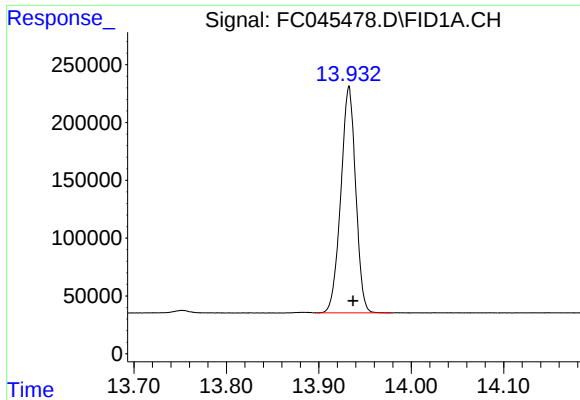
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.005 min
Response: 2211674
Conc: 21.37 ug/ml



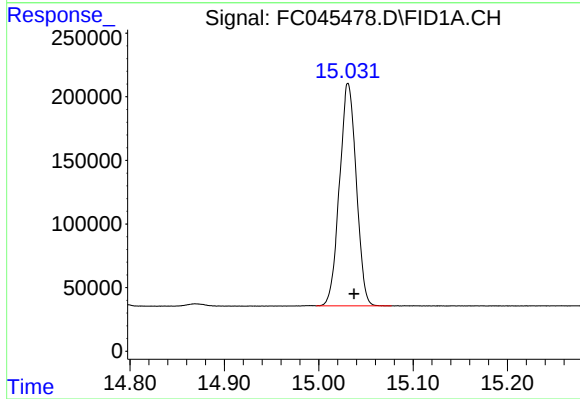
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: -0.005 min
Response: 1851631
Conc: 21.30 ug/ml



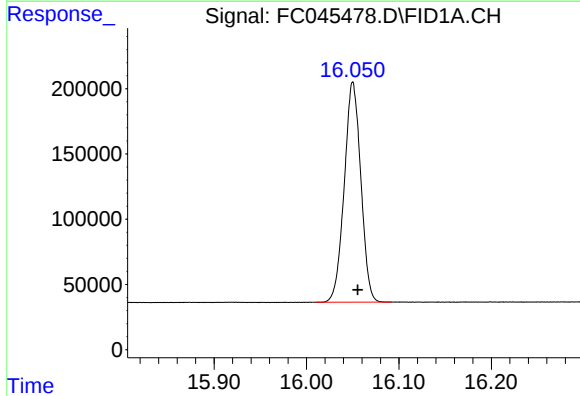
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 2185769
Conc: 21.18 ug/ml



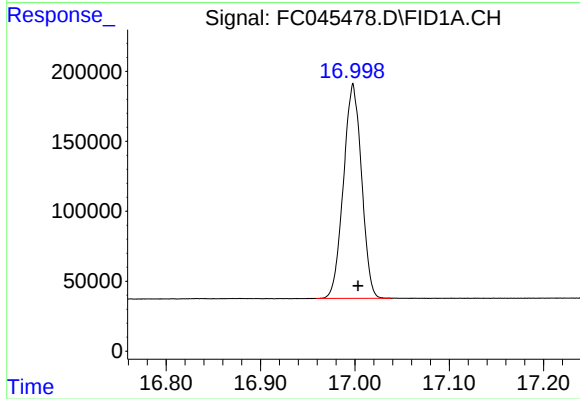
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.006 min
Response: 2159519
Conc: 20.78 ug/ml



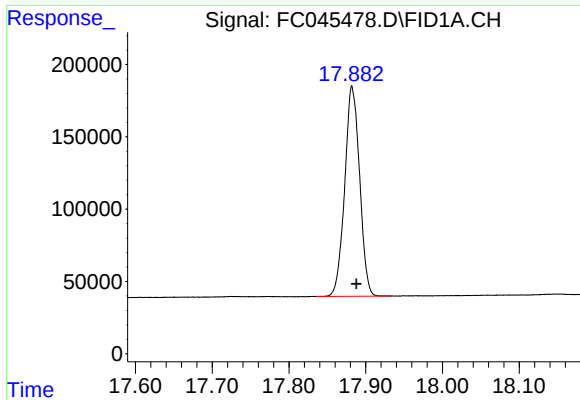
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.006 min
Response: 2101120
Conc: 20.34 ug/ml



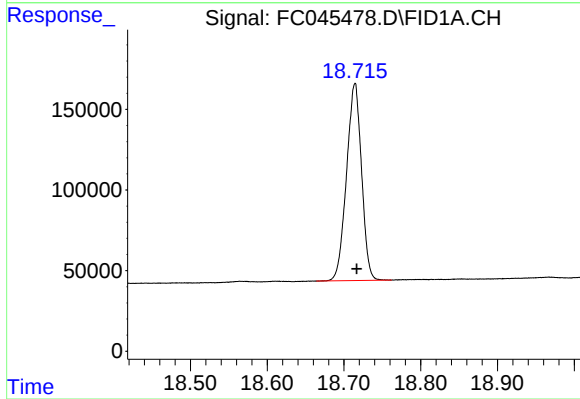
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 2045423
Conc: 20.01 ug/ml



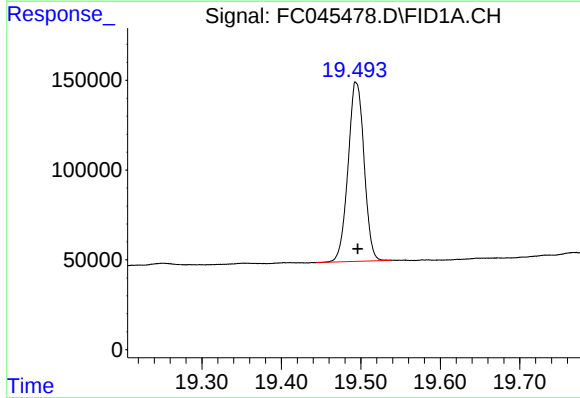
#17 n-Tricontane (C30)

R.T.: 17.882 min
Delta R.T.: -0.006 min
Response: 1958909
Conc: 19.95 ug/ml



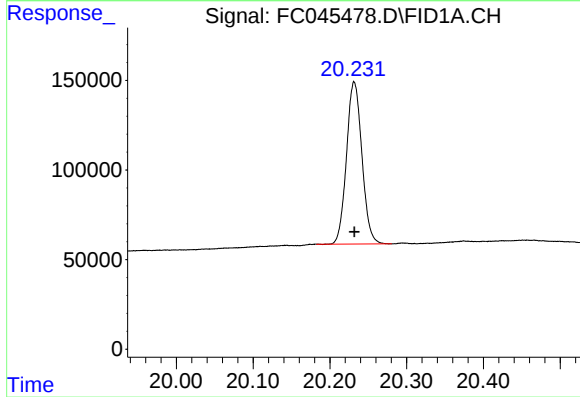
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: -0.002 min
Response: 1661171
Conc: 19.96 ug/ml



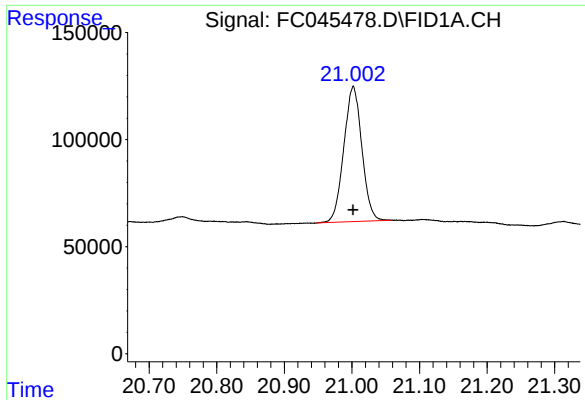
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.002 min
Response: 1396423
Conc: 19.73 ug/ml



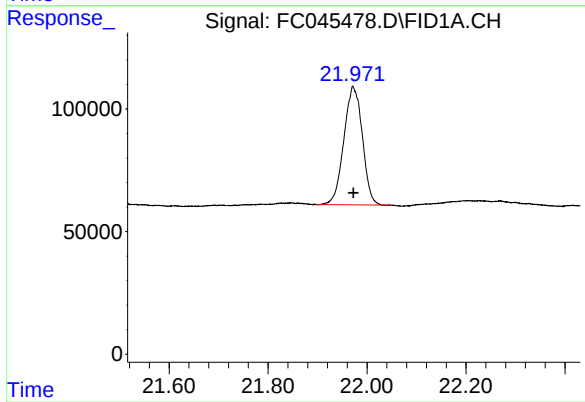
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 1264054
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: 0.000 min
Response: 1169476
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 1250058
Conc: 21.19 ug/ml