

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101619AL\
 Data File : FC044055.D
 Signal(s) : FID1A.CH
 Acq On : 17 Oct 2019 8:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 09:13:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 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)	11.563	3066316	20.202 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	12.983	2349795	19.819 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.417	2740814	22.669 ug/ml
2) T n-Decane (C10)	4.469	2836745	23.436 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2708874	23.008 ug/ml
4) T n-Dodecane (C12)	6.459	3008607	23.787 ug/ml
5) T A~2-methylnaphthalene...	7.094	2667096	22.133 ug/ml
6) T n-Tetradecane (C14)	8.232	3019252	23.456 ug/ml
7) T n-Hexadecane (C16)	9.816	3008608	22.849 ug/ml
8) T n-Octadecane (C18)	11.242	2967153	21.755 ug/ml
10) T n-Eicosane (C20)	12.540	2876183	20.607 ug/ml
11) T n-Heneicosane (C21)	13.146	2843760	20.010 ug/ml
13) T n-Docosane (C22)	13.728	2765188	19.461 ug/ml
14) T n-Tetracosane (C24)	14.822	2684577	18.700 ug/ml
15) T n-Hexacosane (C26)	15.835	2625328	18.359 ug/ml
16) T n-Octacosane (C28)	16.779	2632620	18.571 ug/ml
17) T n-Tricontane (C30)	17.661	2727769	19.450 ug/ml
18) T n-Dotriacontane (C32)	18.490	2699327	20.321 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2616824	20.944 ug/ml
20) T n-Hexatriacontane (C36)	20.004	2505643	21.678 ug/mlm
21) T n-Octatriacontane (C38)	20.724	2371374	22.281 ug/ml
22) T n-Tetracontane (C40)	21.601	2428121	23.223 ug/ml

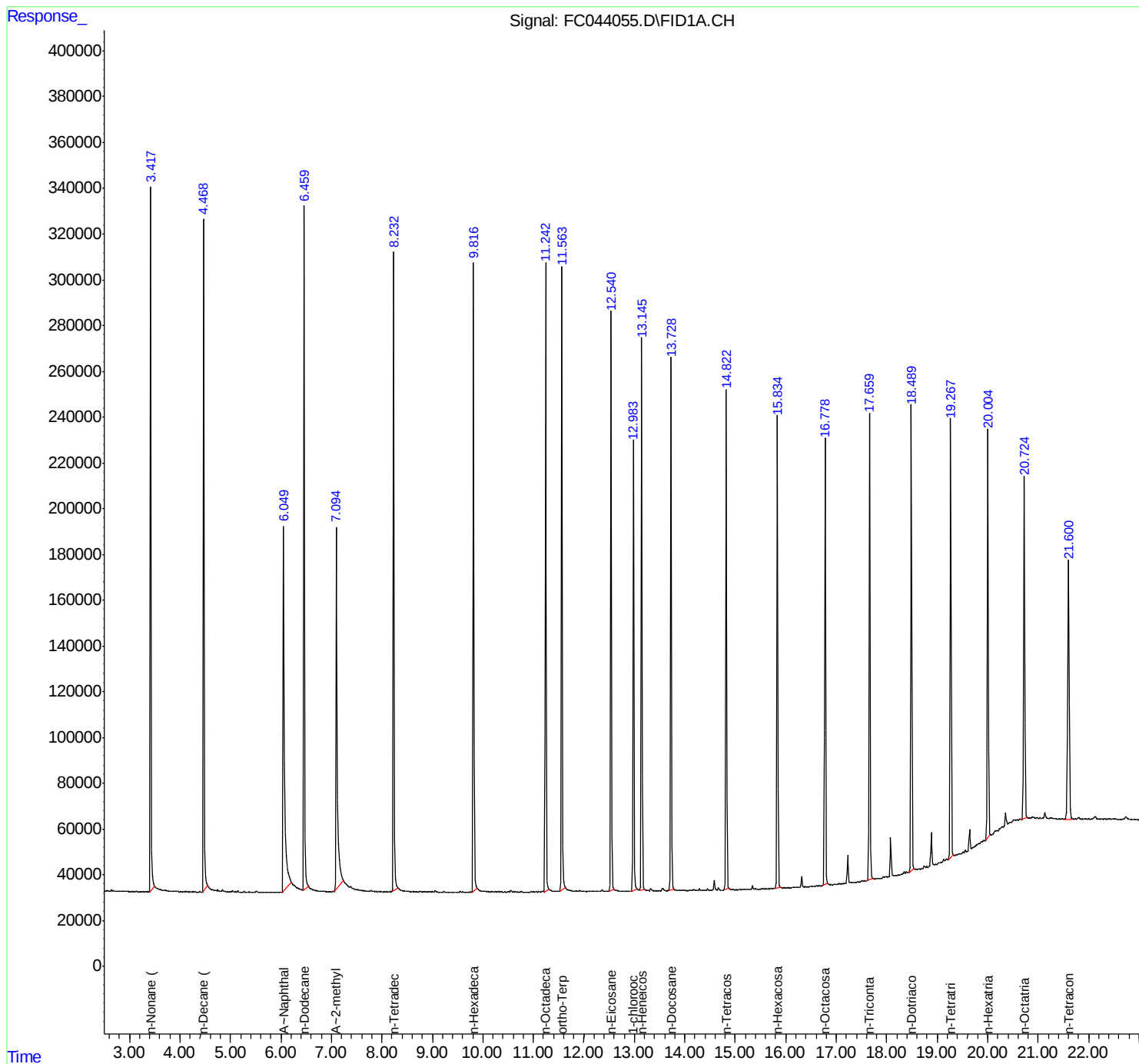
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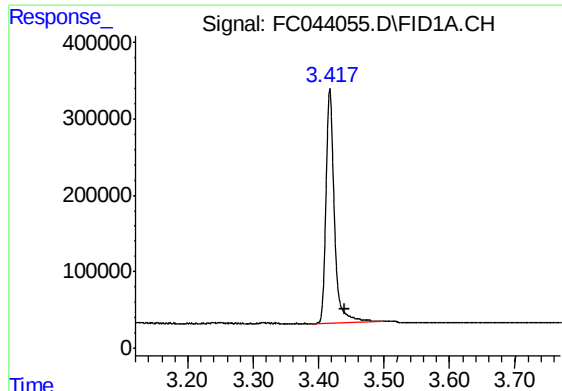
(m)=manual int.

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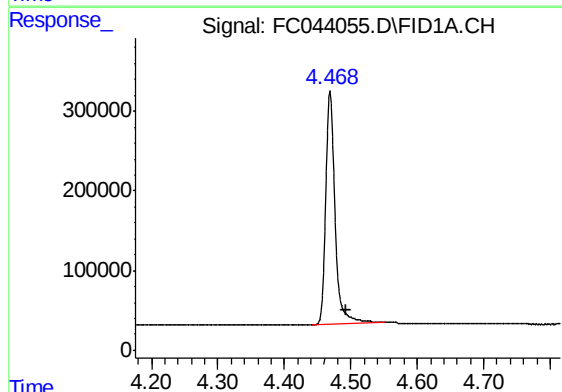
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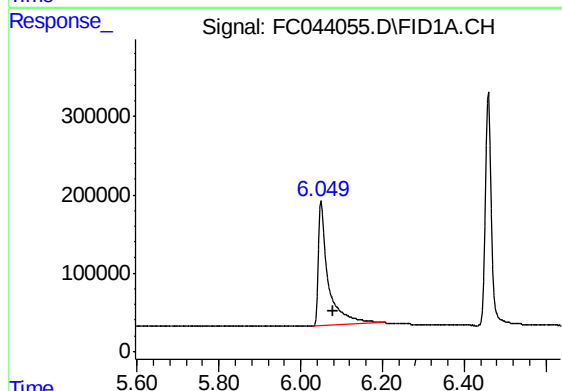
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: -0.022 min
Response: 2740814
Conc: 22.67 ug/ml



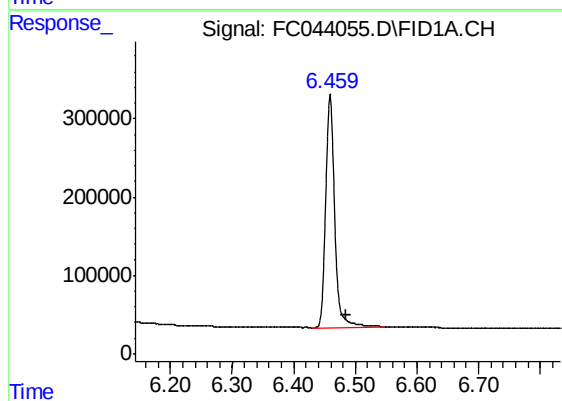
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.023 min
Response: 2836745
Conc: 23.44 ug/ml



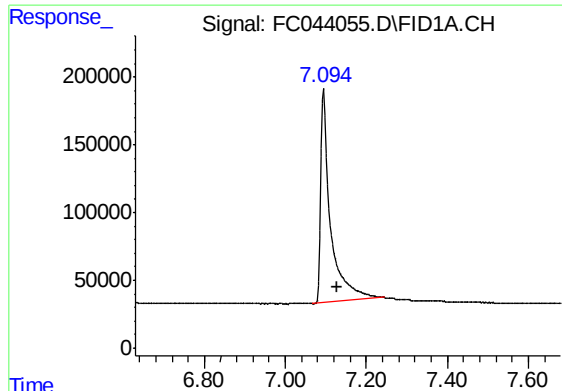
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.031 min
Response: 2708874
Conc: 23.01 ug/ml



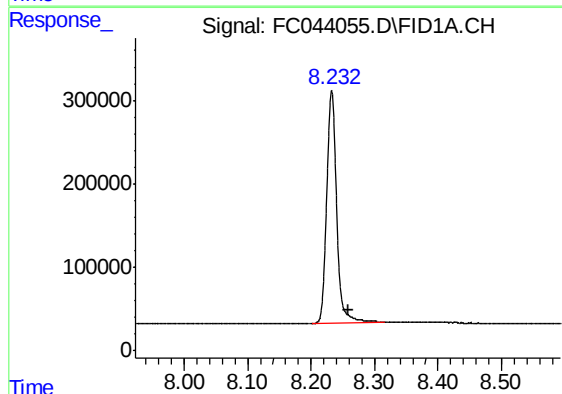
#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.026 min
Response: 3008607
Conc: 23.79 ug/ml



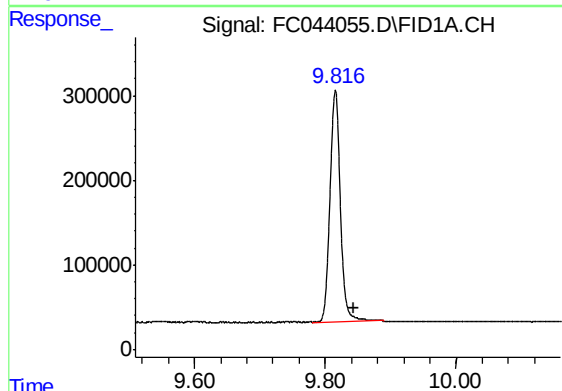
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.033 min
Response: 2667096
Conc: 22.13 ug/ml



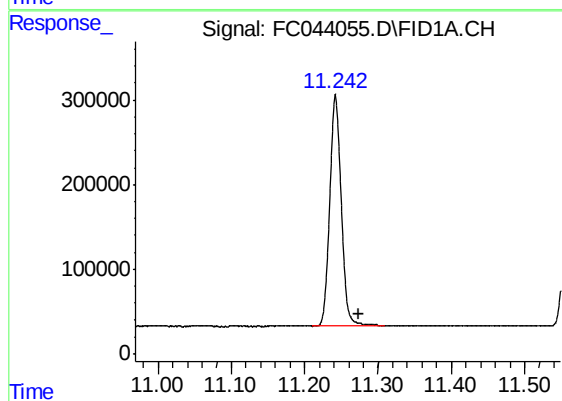
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.027 min
Response: 3019252
Conc: 23.46 ug/ml



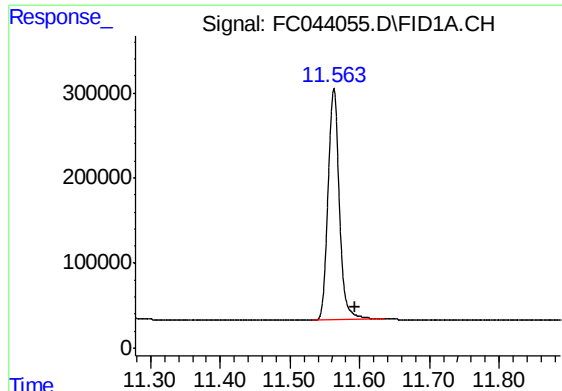
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.028 min
Response: 3008608
Conc: 22.85 ug/ml



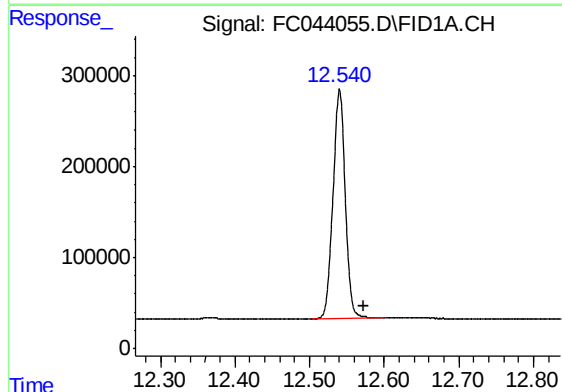
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.031 min
Response: 2967153
Conc: 21.75 ug/ml



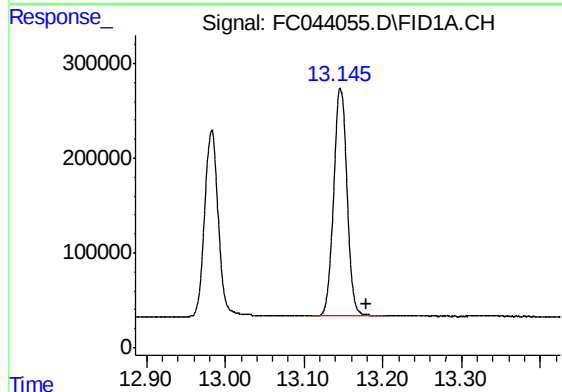
#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.030 min
Response: 3066316
Conc: 20.20 ug/ml



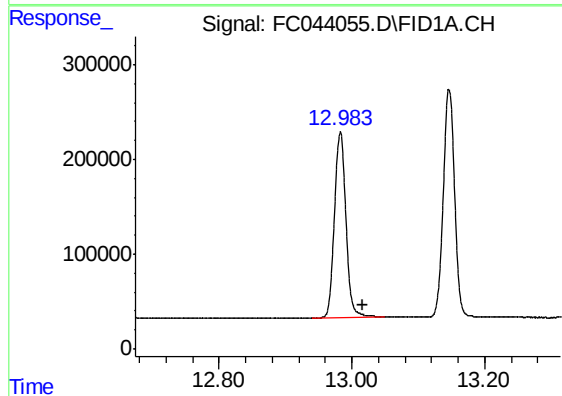
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: -0.032 min
Response: 2876183
Conc: 20.61 ug/ml



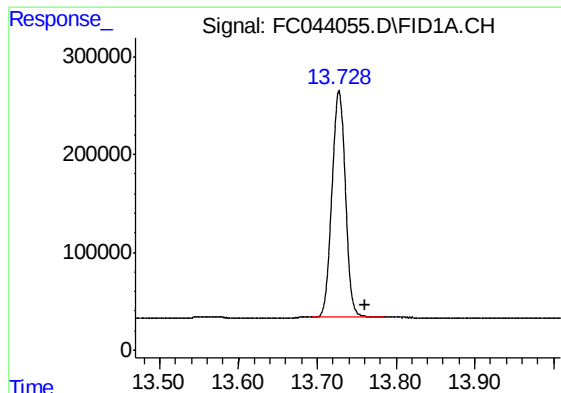
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.033 min
Response: 2843760
Conc: 20.01 ug/ml



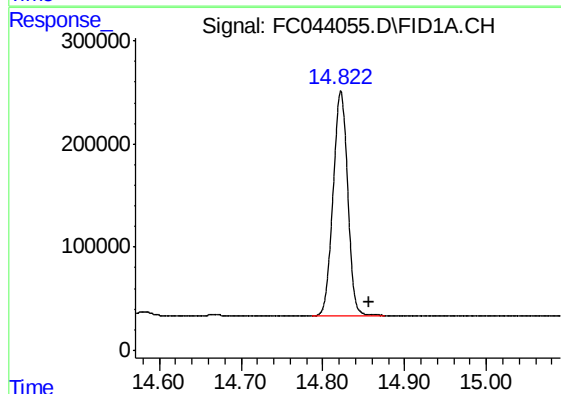
#12 1-chlorooctadecane (SURR)

R.T.: 12.983 min
Delta R.T.: -0.033 min
Response: 2349795
Conc: 19.82 ug/ml



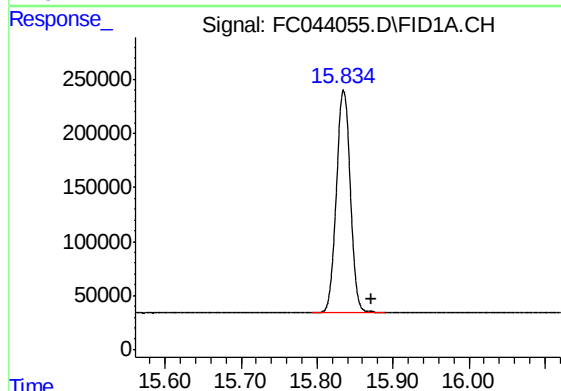
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.033 min
Response: 2765188
Conc: 19.46 ug/ml



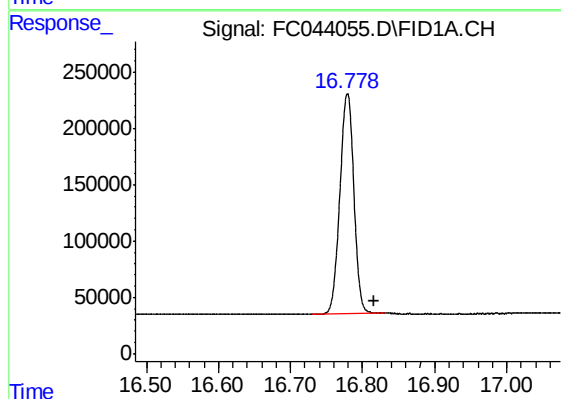
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.035 min
Response: 2684577
Conc: 18.70 ug/ml



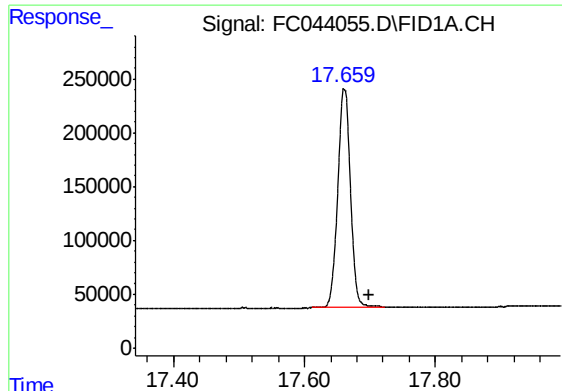
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.036 min
Response: 2625328
Conc: 18.36 ug/ml



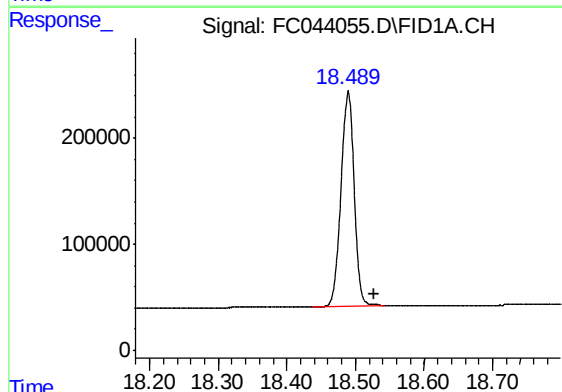
#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.037 min
Response: 2632620
Conc: 18.57 ug/ml



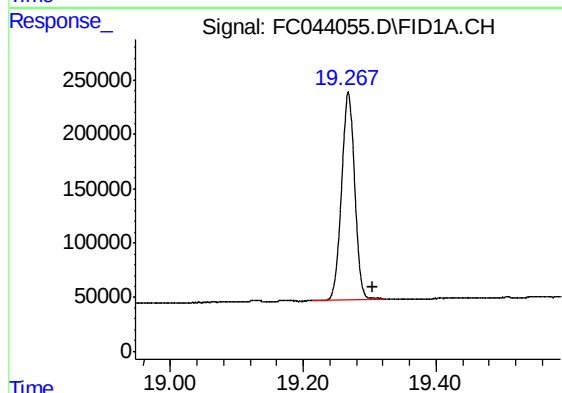
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.038 min
Response: 2727769
Conc: 19.45 ug/ml



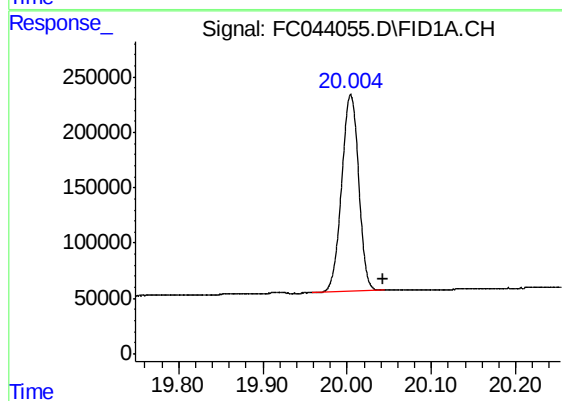
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.037 min
Response: 2699327
Conc: 20.32 ug/ml



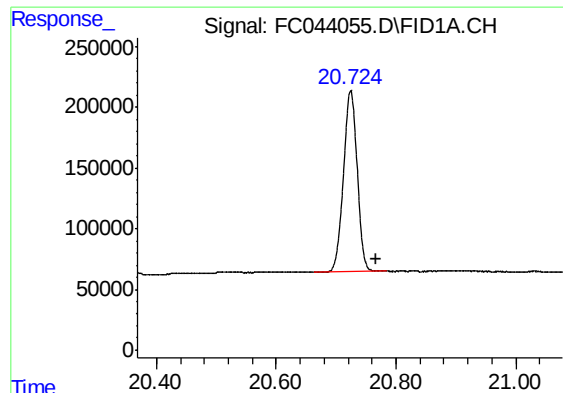
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.038 min
Response: 2616824
Conc: 20.94 ug/ml



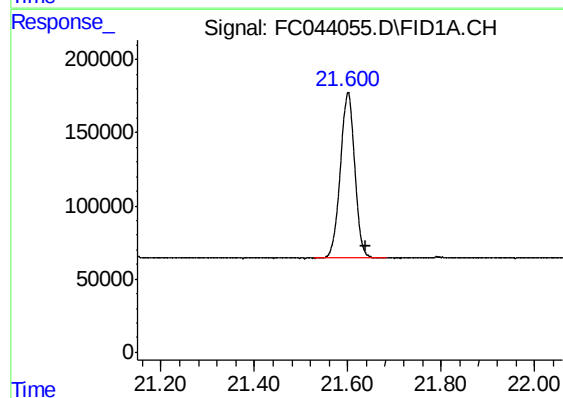
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.038 min
Response: 2505643
Conc: 21.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.043 min
Response: 2371374
Conc: 22.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.039 min
Response: 2428121
Conc: 23.22 ug/ml