

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050522AL\
 Data File : FC059578.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2022 13:32
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 05 15:22:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:19:02 2022
 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)	10.756	7191620	49.749 ug/ml
Spiked Amount 50.000		Recovery =	99.50%
12) S 1-chlorooctadecane (S...	12.119	5637916	49.743 ug/ml
Spiked Amount 50.000		Recovery =	99.49%
Target Compounds			
1) T n-Nonane (C9)	2.688	6282296	49.671 ug/ml
2) T n-Decane (C10)	3.695	6247526	49.478 ug/ml
3) T A~Naphthalene (C11.7)	5.255	7272278	49.553 ug/ml
4) T n-Dodecane (C12)	5.658	6464593	49.367 ug/ml
5) T A~2-methylnaphthalene...	6.282	7411189	49.353 ug/ml
6) T n-Tetradecane (C14)	7.415	6604547	49.499 ug/ml
7) T n-Hexadecane (C16)	8.983	6724216	49.586 ug/ml
8) T n-Octadecane (C18)	10.396	6760236	49.685 ug/ml
10) T n-Eicosane (C20)	11.678	6587862	49.704 ug/ml
11) T n-Heneicosane (C21)	12.277	6517004	49.729 ug/ml
13) T n-Docosane (C22)	12.850	6413837	49.831 ug/ml
14) T n-Tetracosane (C24)	13.930	6165573	50.127 ug/ml
15) T n-Hexacosane (C26)	14.930	5801341	49.674 ug/ml
16) T n-Octacosane (C28)	15.859	5537513	49.776 ug/ml
17) T n-Tricontane (C30)	16.729	5313226	49.573 ug/ml
18) T n-Dotriacontane (C32)	17.543	5031063	49.828 ug/ml
19) T n-Tetratriacontane (C34)	18.309	4773556	49.567 ug/ml
20) T n-Hexatriacontane (C36)	19.033	4567394	49.583 ug/ml
21) T n-Octatriacontane (C38)	19.719	4557445	49.574 ug/ml
22) T n-Tetracontane (C40)	20.368	4691273	50.340 ug/ml

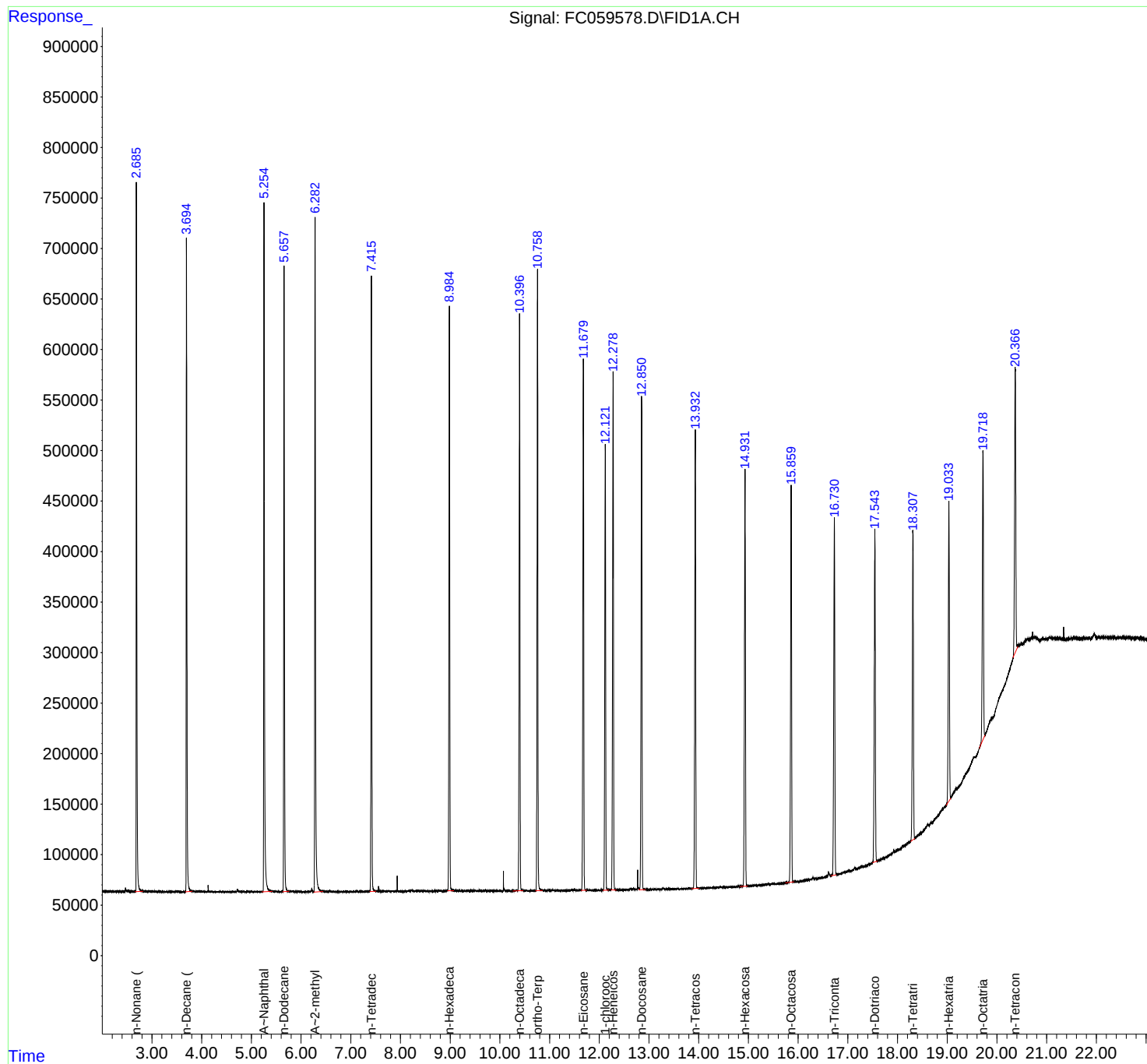
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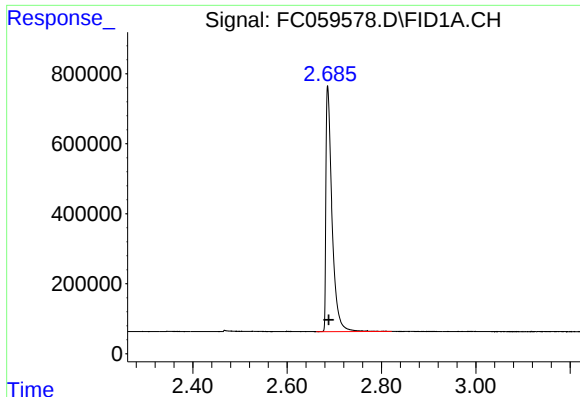
(m)=manual int.

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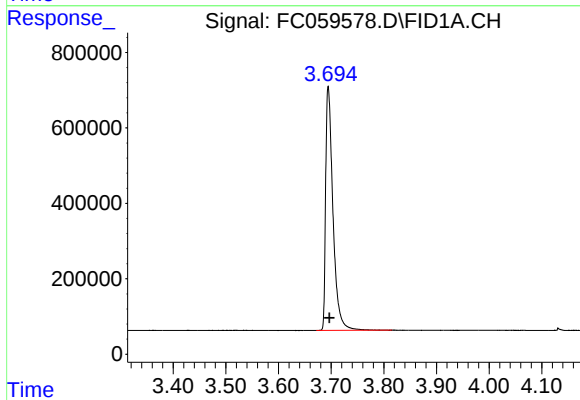
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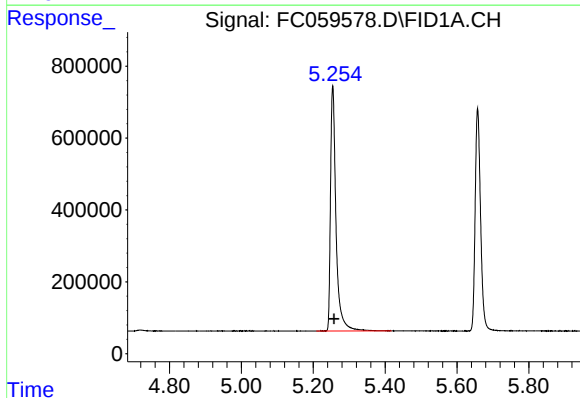
#1 n-Nonane (C9)

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 6282296
Conc: 49.67 ug/ml



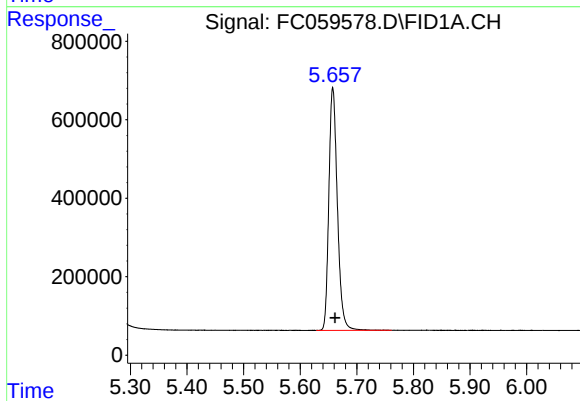
#2 n-Decane (C10)

R.T.: 3.695 min
Delta R.T.: -0.002 min
Response: 6247526
Conc: 49.48 ug/ml



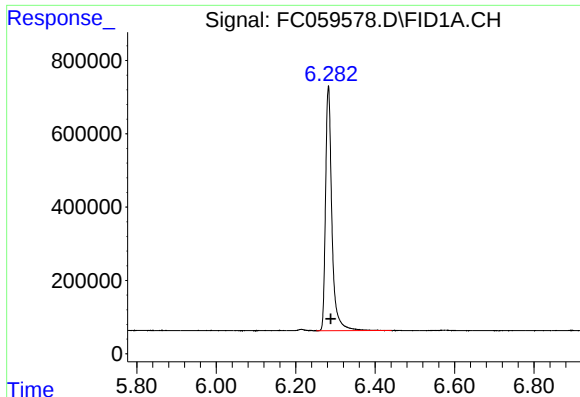
#3 A~Naphthalene (C11.7)

R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 7272278
Conc: 49.55 ug/ml



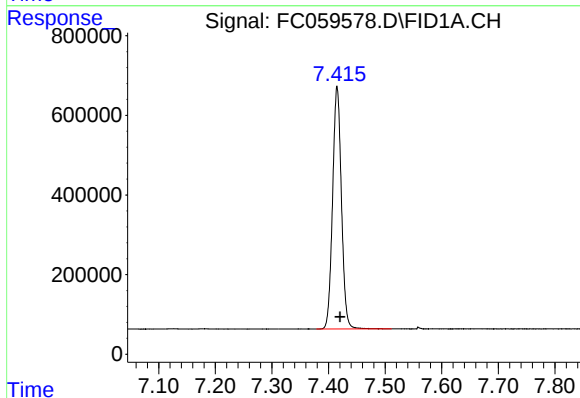
#4 n-Dodecane (C12)

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 6464593
Conc: 49.37 ug/ml



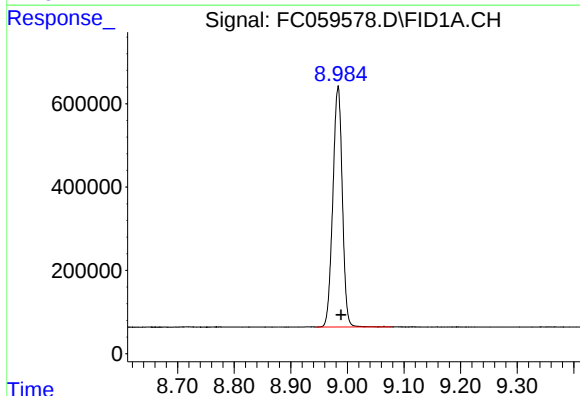
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 7411189
Conc: 49.35 ug/ml



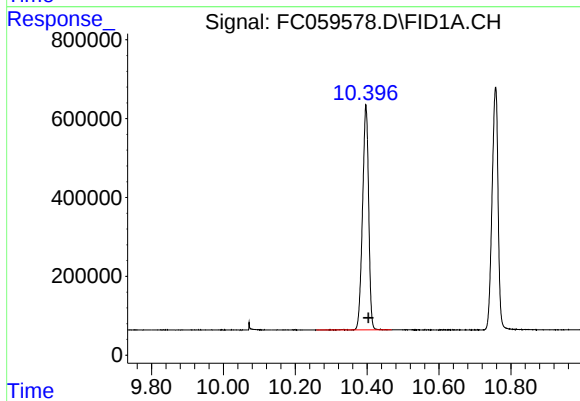
#6 n-Tetradecane (C14)

R.T.: 7.415 min
Delta R.T.: -0.005 min
Response: 6604547
Conc: 49.50 ug/ml



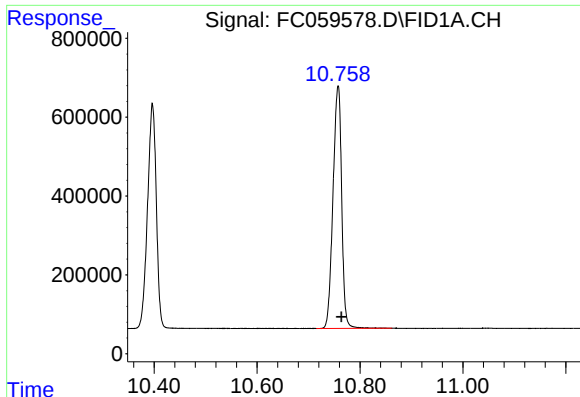
#7 n-Hexadecane (C16)

R.T.: 8.983 min
Delta R.T.: -0.005 min
Response: 6724216
Conc: 49.59 ug/ml



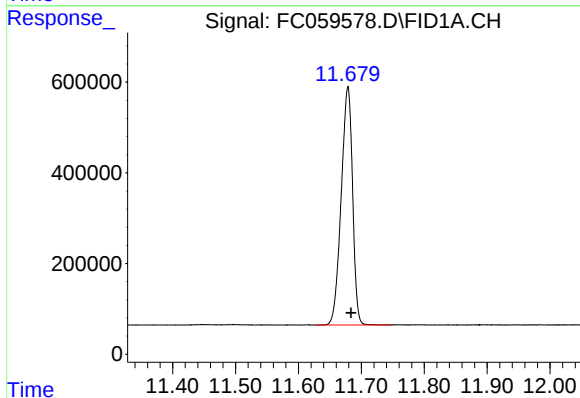
#8 n-Octadecane (C18)

R.T.: 10.396 min
Delta R.T.: -0.007 min
Response: 6760236
Conc: 49.69 ug/ml



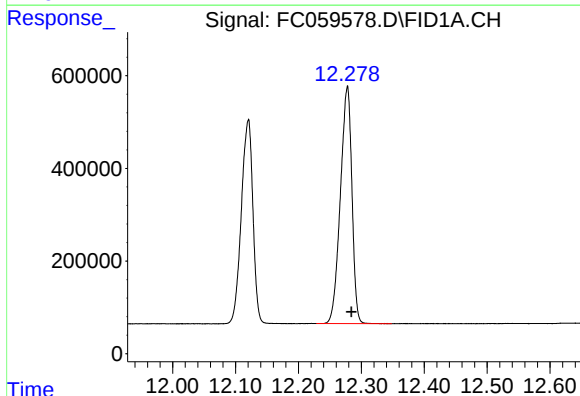
#9 ortho-Terphenyl (SURR)

R.T.: 10.756 min
Delta R.T.: -0.007 min
Response: 7191620
Conc: 49.75 ug/ml



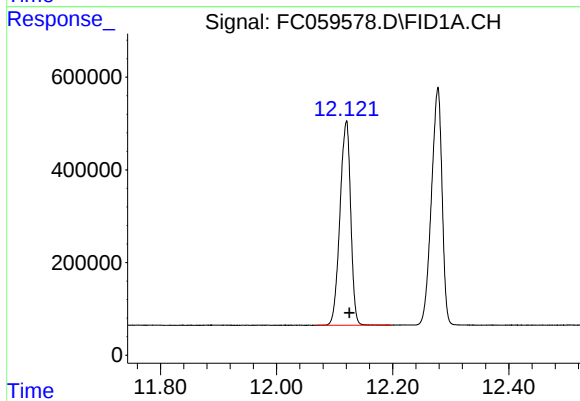
#10 n-Eicosane (C20)

R.T.: 11.678 min
Delta R.T.: -0.006 min
Response: 6587862
Conc: 49.70 ug/ml



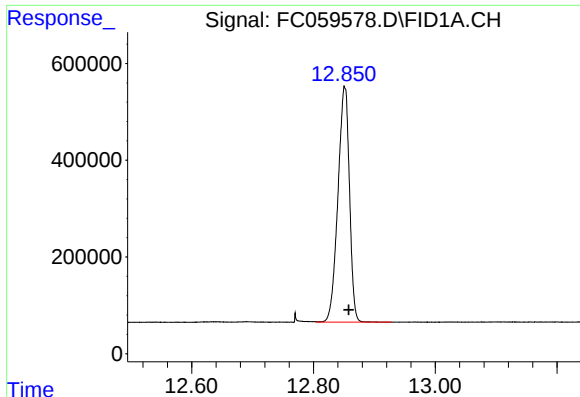
#11 n-Heneicosane (C21)

R.T.: 12.277 min
Delta R.T.: -0.008 min
Response: 6517004
Conc: 49.73 ug/ml



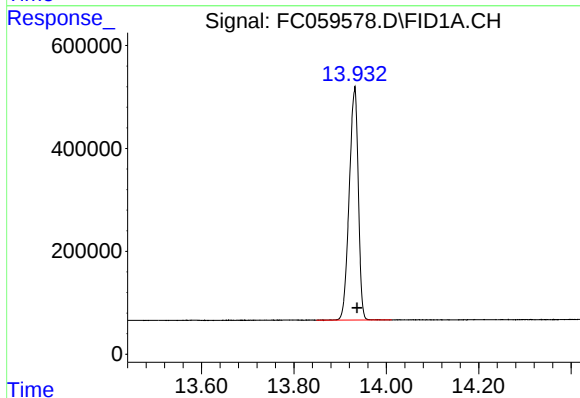
#12 1-chlorooctadecane (SURR)

R.T.: 12.119 min
Delta R.T.: -0.007 min
Response: 5637916
Conc: 49.74 ug/ml



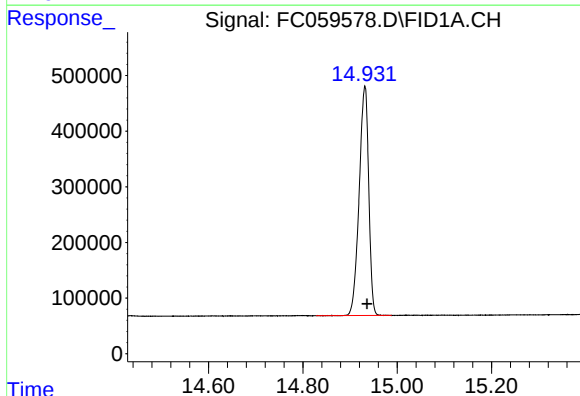
#13 n-Docosane (C22)

R.T.: 12.850 min
Delta R.T.: -0.007 min
Response: 6413837
Conc: 49.83 ug/ml



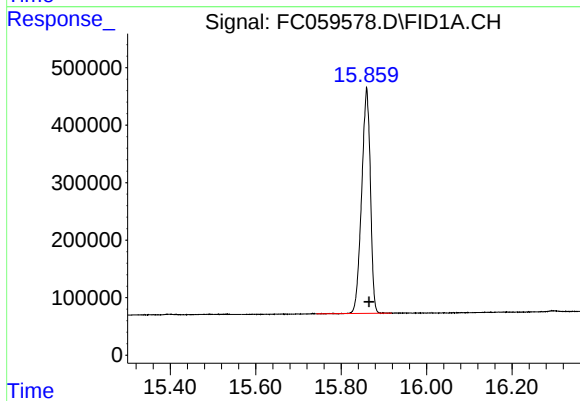
#14 n-Tetracosane (C24)

R.T.: 13.930 min
Delta R.T.: -0.006 min
Response: 6165573
Conc: 50.13 ug/ml



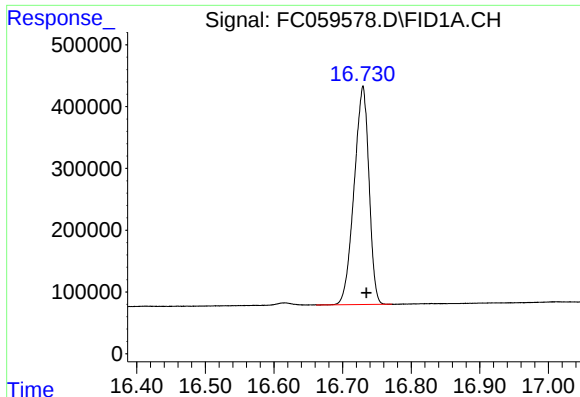
#15 n-Hexacosane (C26)

R.T.: 14.930 min
Delta R.T.: -0.006 min
Response: 5801341
Conc: 49.67 ug/ml



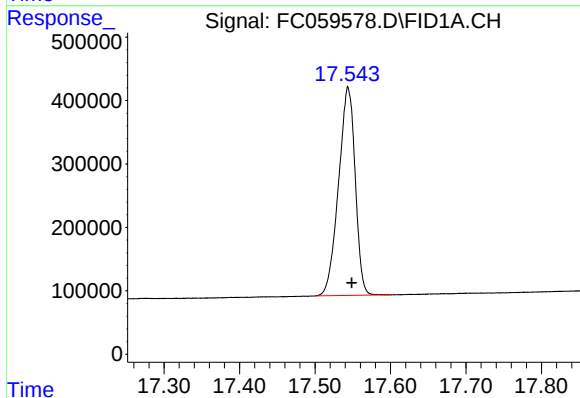
#16 n-Octacosane (C28)

R.T.: 15.859 min
Delta R.T.: -0.006 min
Response: 5537513
Conc: 49.78 ug/ml



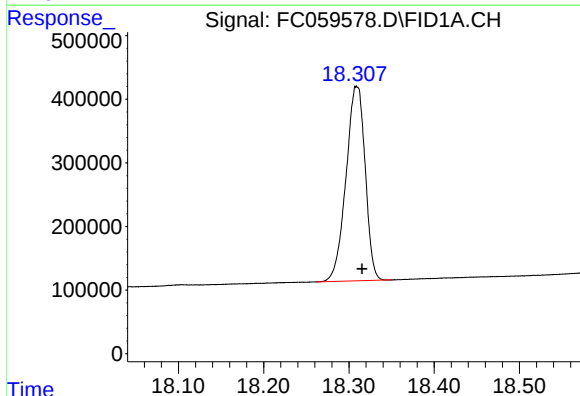
#17 n-Tricontane (C30)

R.T.: 16.729 min
Delta R.T.: -0.006 min
Response: 5313226
Conc: 49.57 ug/ml



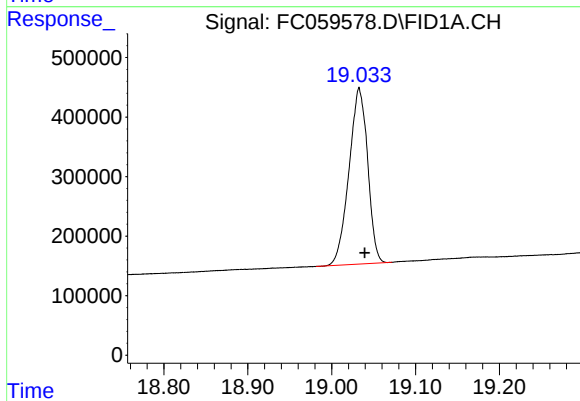
#18 n-Dotriacontane (C32)

R.T.: 17.543 min
Delta R.T.: -0.005 min
Response: 5031063
Conc: 49.83 ug/ml



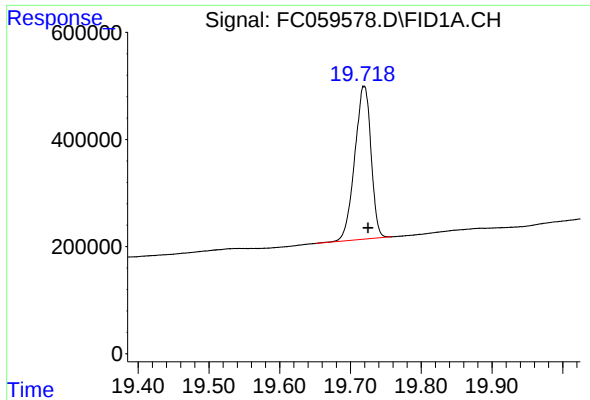
#19 n-Tetratriacontane (C34)

R.T.: 18.309 min
Delta R.T.: -0.007 min
Response: 4773556
Conc: 49.57 ug/ml



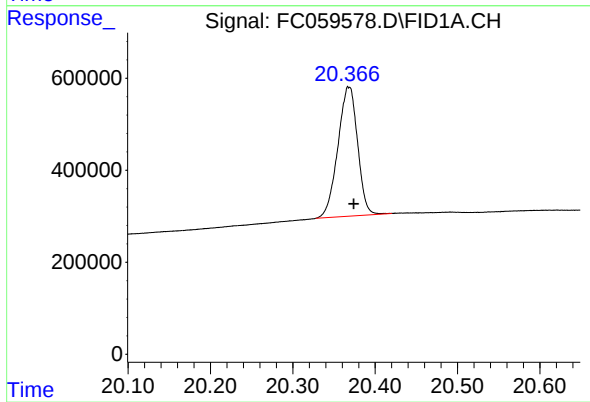
#20 n-Hexatriacontane (C36)

R.T.: 19.033 min
Delta R.T.: -0.007 min
Response: 4567394
Conc: 49.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.719 min
Delta R.T.: -0.006 min
Response: 4557445
Conc: 49.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.368 min
Delta R.T.: -0.006 min
Response: 4691273
Conc: 50.34 ug/ml