

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101821AL\
 Data File : FC056225.D
 Signal(s) : FID1A.CH
 Acq On : 18 Oct 2021 14:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 19 00:43:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.634	1881027	15.852 ug/ml
Spiked Amount 50.000		Recovery =	31.70%
12) S 1-chlorooctadecane (S...	13.065	1447819	15.759 ug/ml
Spiked Amount 50.000		Recovery =	31.52%
Target Compounds			
1) T n-Nonane (C9)	3.387	1981479	18.568 ug/ml
2) T n-Decane (C10)	4.455	1959528	18.332 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2131292	17.713 ug/ml
4) T n-Dodecane (C12)	6.475	1953574	17.999 ug/ml
5) T A~2-methylnaphthalene...	7.106	2064306	16.994 ug/ml
6) T n-Tetradecane (C14)	8.271	1916317	17.321 ug/ml
7) T n-Hexadecane (C16)	9.871	1860562	16.809 ug/ml
8) T n-Octadecane (C18)	11.312	1844197	16.478 ug/ml
10) T n-Eicosane (C20)	12.620	1760205	16.115 ug/ml
11) T n-Heneicosane (C21)	13.230	1741051	16.014 ug/ml
13) T n-Docosane (C22)	13.816	1699374	15.912 ug/ml
14) T n-Tetracosane (C24)	14.916	1665939	15.932 ug/ml
15) T n-Hexacosane (C26)	15.935	1612928	16.053 ug/ml
16) T n-Octacosane (C28)	16.882	1603922	16.582 ug/ml
17) T n-Tricontane (C30)	17.766	1612758	17.382 ug/ml
18) T n-Dotriacontane (C32)	18.594	1572917	17.692 ug/ml
19) T n-Tetratriacontane (C34)	19.374	1541246	17.820 ug/ml
20) T n-Hexatriacontane (C36)	20.110	1463923	17.918 ug/ml
21) T n-Octatriacontane (C38)	20.850	1391530	17.462 ug/ml
22) T n-Tetracontane (C40)	21.771	1344844	16.777 ug/ml

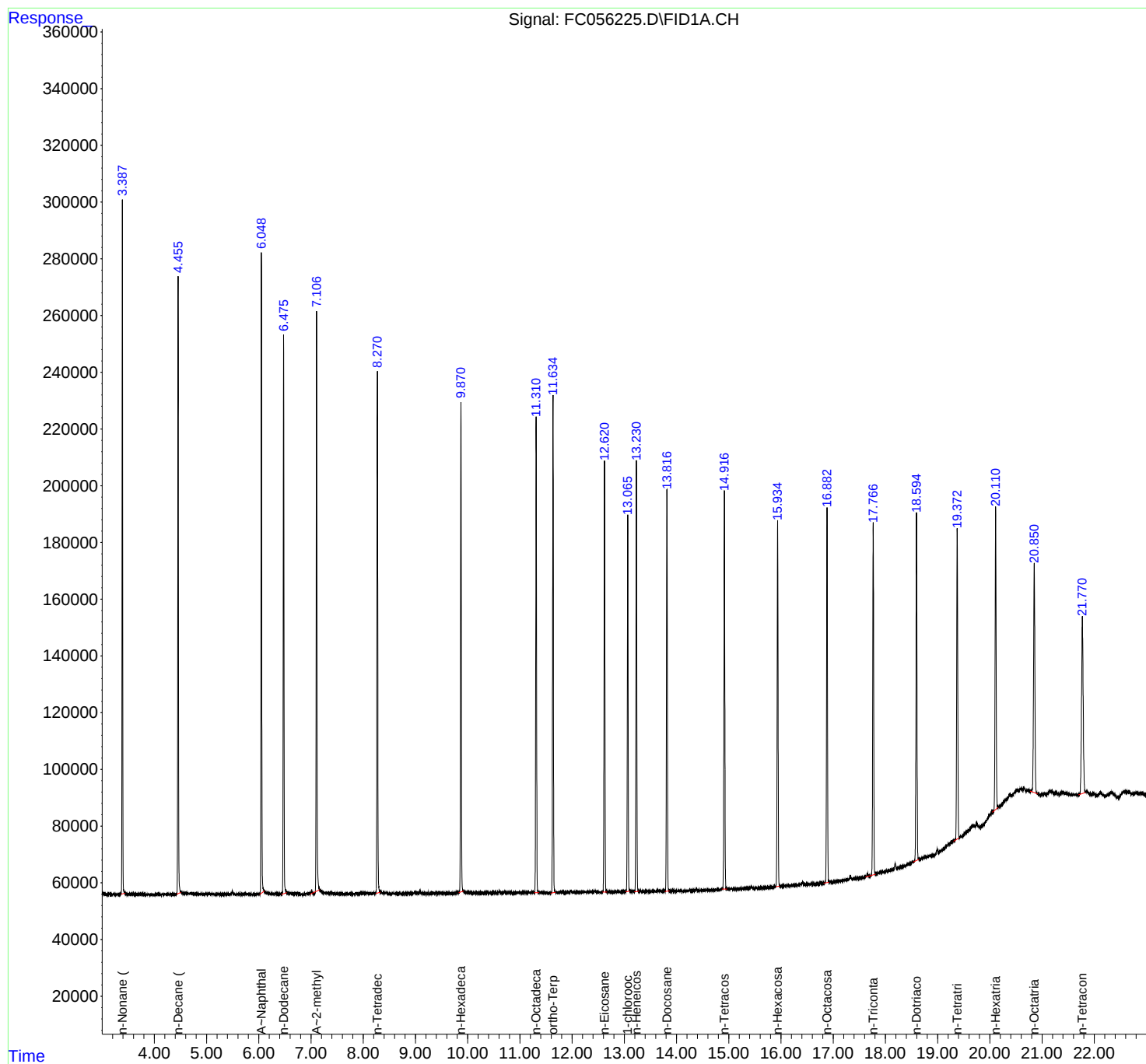
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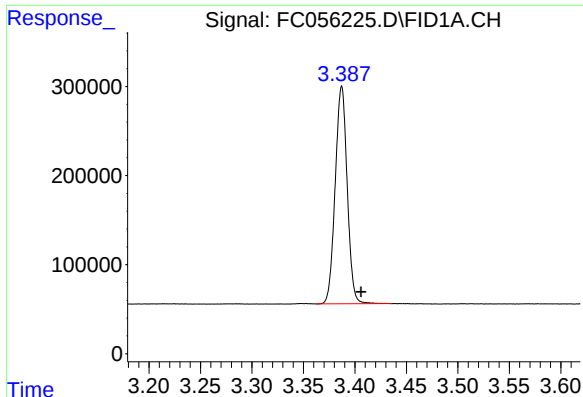
(m)=manual int.

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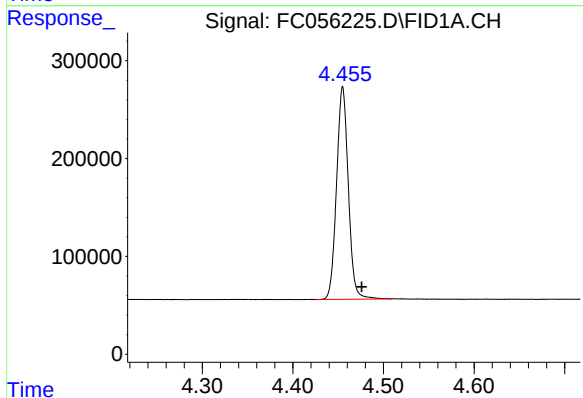
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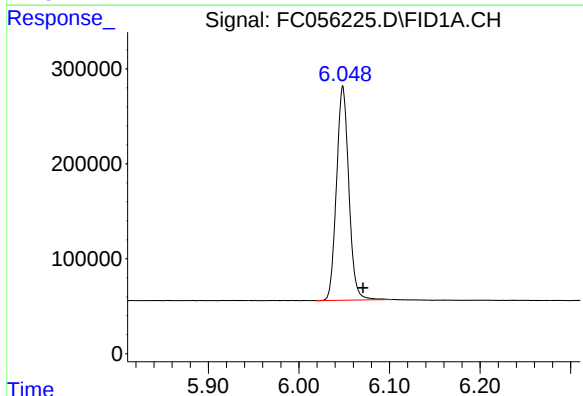
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: -0.019 min
Response: 1981479
Conc: 18.57 ug/ml



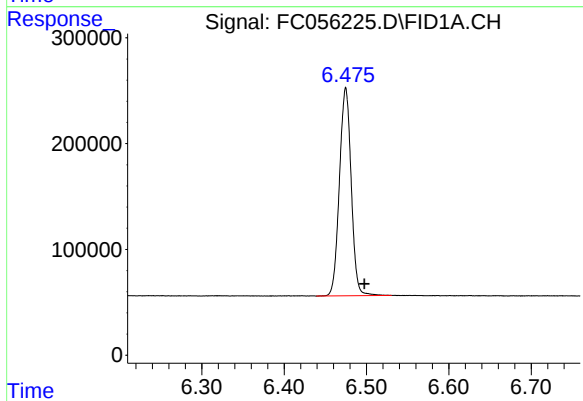
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.021 min
Response: 1959528
Conc: 18.33 ug/ml



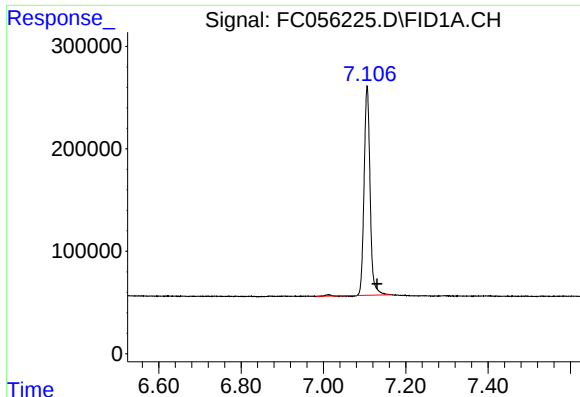
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.022 min
Response: 2131292
Conc: 17.71 ug/ml



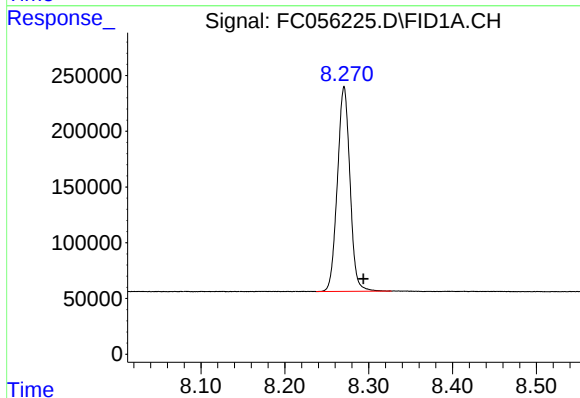
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.023 min
Response: 1953574
Conc: 18.00 ug/ml



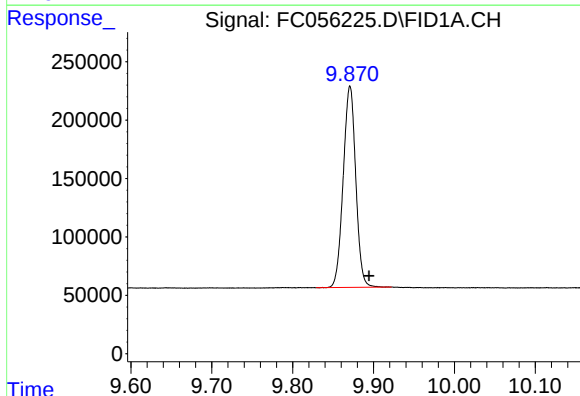
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.024 min
Response: 2064306
Conc: 16.99 ug/ml



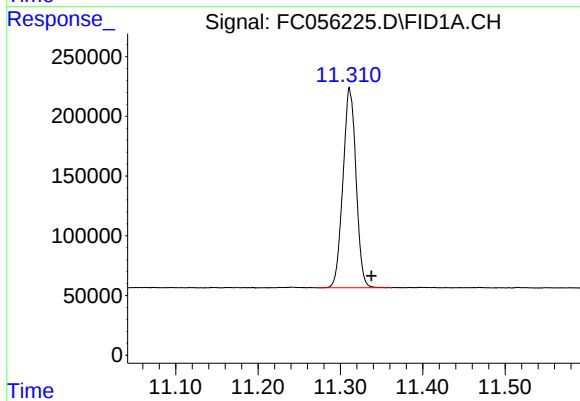
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.023 min
Response: 1916317
Conc: 17.32 ug/ml



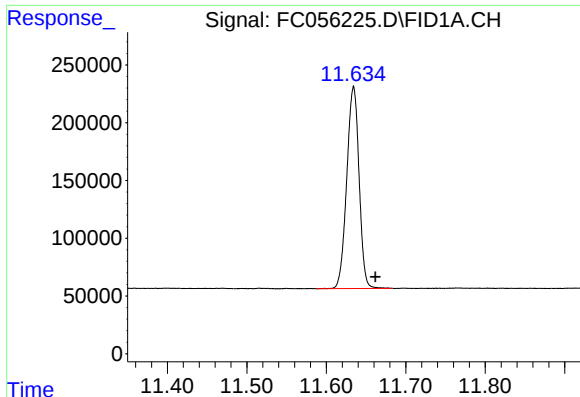
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: -0.024 min
Response: 1860562
Conc: 16.81 ug/ml



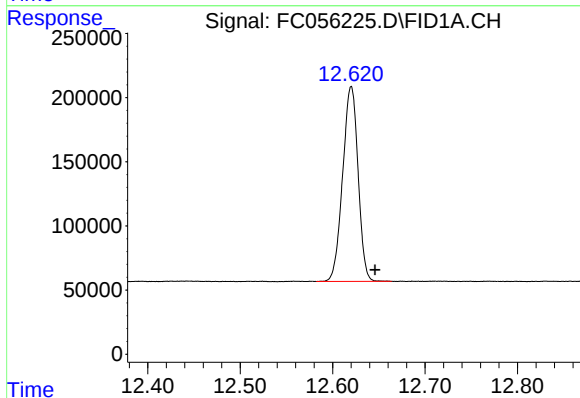
#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.026 min
Response: 1844197
Conc: 16.48 ug/ml



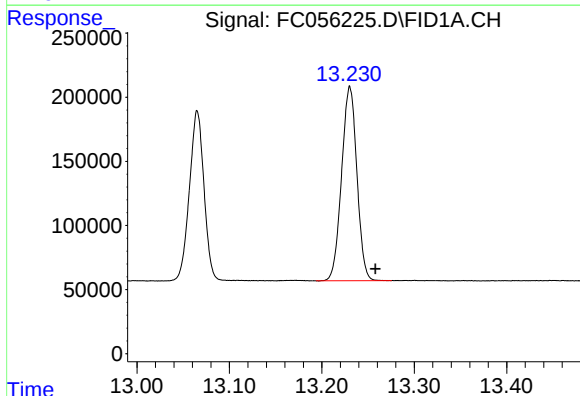
#9 ortho-Terphenyl (SURR)

R.T.: 11.634 min
Delta R.T.: -0.028 min
Response: 1881027
Conc: 15.85 ug/ml



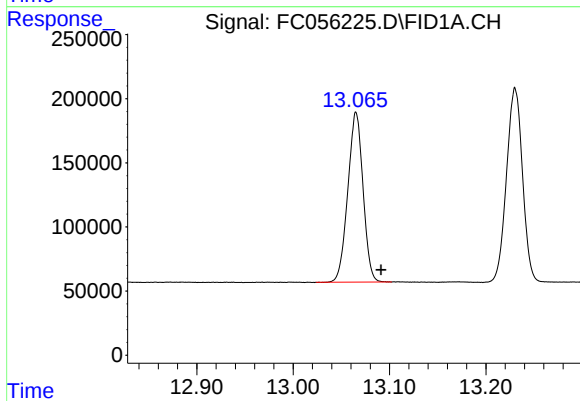
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.026 min
Response: 1760205
Conc: 16.12 ug/ml



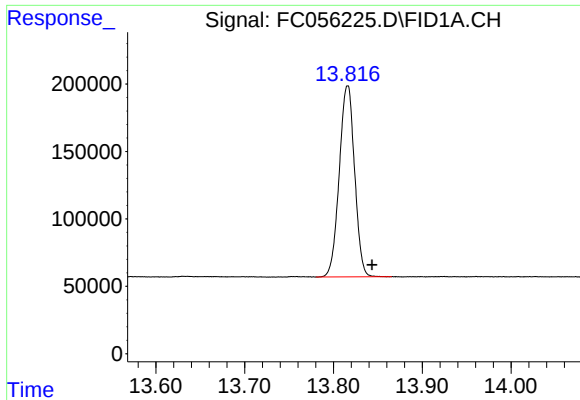
#11 n-Heneicosane (C21)

R.T.: 13.230 min
Delta R.T.: -0.028 min
Response: 1741051
Conc: 16.01 ug/ml



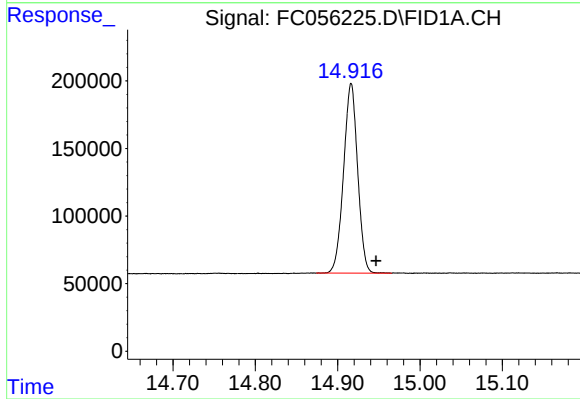
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.026 min
Response: 1447819
Conc: 15.76 ug/ml



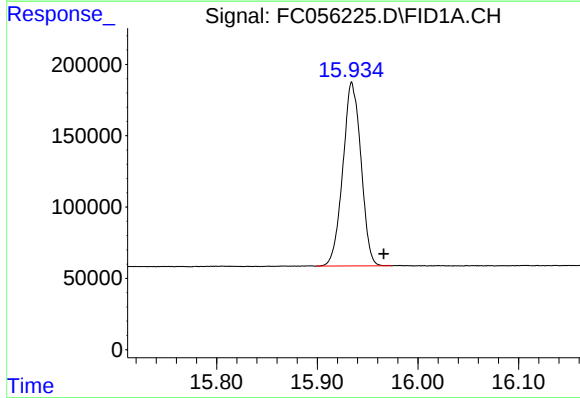
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: -0.028 min
Response: 1699374
Conc: 15.91 ug/ml



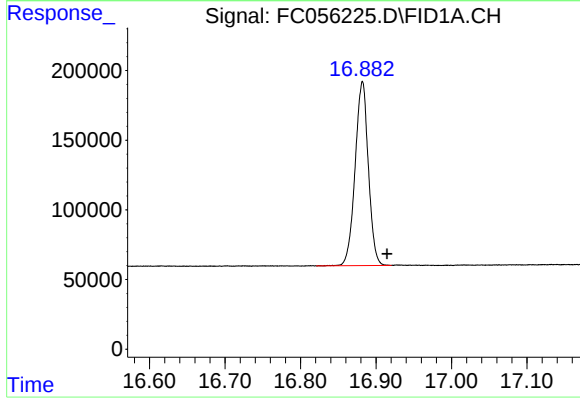
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: -0.030 min
Response: 1665939
Conc: 15.93 ug/ml



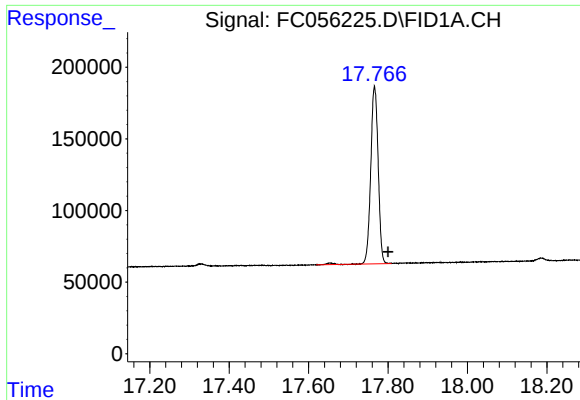
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.031 min
Response: 1612928
Conc: 16.05 ug/ml



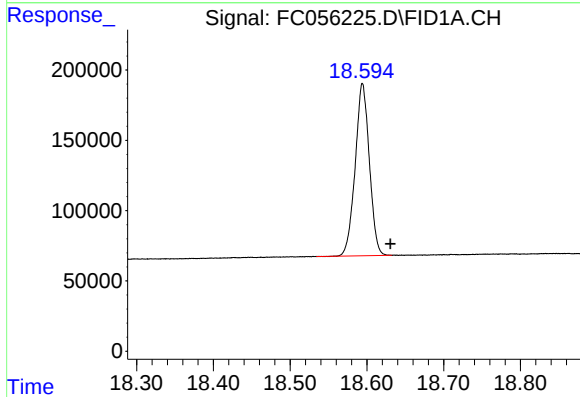
#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: -0.033 min
Response: 1603922
Conc: 16.58 ug/ml



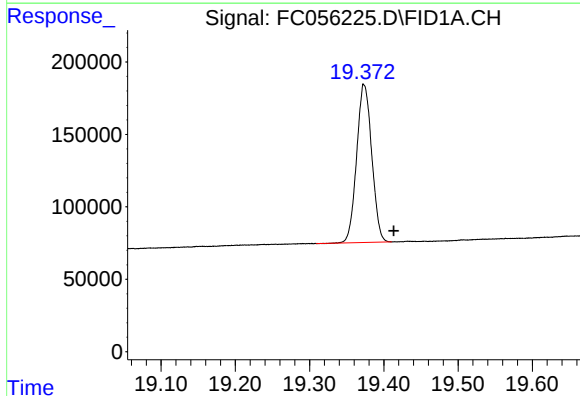
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: -0.034 min
Response: 1612758
Conc: 17.38 ug/ml



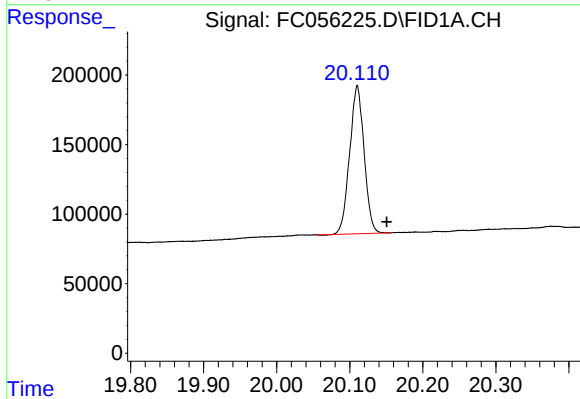
#18 n-Dotriacontane (C32)

R.T.: 18.594 min
Delta R.T.: -0.036 min
Response: 1572917
Conc: 17.69 ug/ml



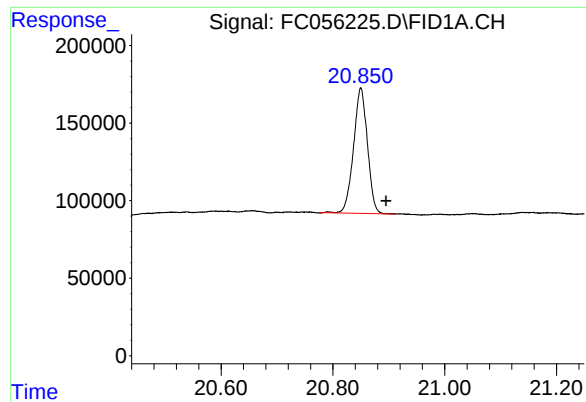
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: -0.040 min
Response: 1541246
Conc: 17.82 ug/ml



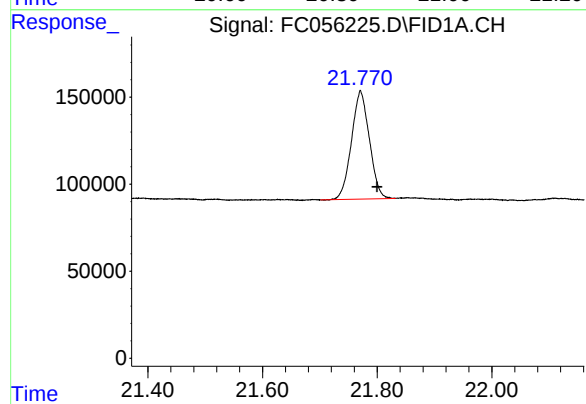
#20 n-Hexatriacontane (C36)

R.T.: 20.110 min
Delta R.T.: -0.040 min
Response: 1463923
Conc: 17.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.850 min
Delta R.T.: -0.045 min
Response: 1391530
Conc: 17.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.771 min
Delta R.T.: -0.029 min
Response: 1344844
Conc: 16.78 ug/ml