

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101821AL\
 Data File : FC056247.D
 Signal(s) : FID1A.CH
 Acq On : 19 Oct 2021 6:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 19 07:06:17 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)	11.629	1864754	15.715 ug/ml
Spiked Amount 50.000		Recovery =	31.43%
12) S 1-chlorooctadecane (S...	13.060	1439663	15.670 ug/ml
Spiked Amount 50.000		Recovery =	31.34%
Target Compounds			
1) T n-Nonane (C9)	3.383	1979732	18.552 ug/ml
2) T n-Decane (C10)	4.452	1963010	18.364 ug/ml
3) T A~Naphthalene (C11.7)	6.045	2138242	17.771 ug/ml
4) T n-Dodecane (C12)	6.472	1946058	17.929 ug/ml
5) T A~2-methylnaphthalene...	7.102	2055665	16.923 ug/ml
6) T n-Tetradecane (C14)	8.267	1909331	17.258 ug/ml
7) T n-Hexadecane (C16)	9.867	1846890	16.685 ug/ml
8) T n-Octadecane (C18)	11.307	1829263	16.344 ug/ml
10) T n-Eicosane (C20)	12.614	1742274	15.951 ug/ml
11) T n-Heneicosane (C21)	13.226	1728753	15.900 ug/ml
13) T n-Docosane (C22)	13.811	1682848	15.757 ug/ml
14) T n-Tetracosane (C24)	14.910	1654388	15.821 ug/ml
15) T n-Hexacosane (C26)	15.928	1615260	16.076 ug/ml
16) T n-Octacosane (C28)	16.876	1610818	16.653 ug/ml
17) T n-Tricontane (C30)	17.760	1605105	17.299 ug/ml
18) T n-Dotriacontane (C32)	18.588	1595652	17.947 ug/ml
19) T n-Tetratriacontane (C34)	19.368	1556195	17.993 ug/ml
20) T n-Hexatriacontane (C36)	20.104	1467207	17.958 ug/ml
21) T n-Octatriacontane (C38)	20.840f	1391122	17.457 ug/ml
22) T n-Tetracontane (C40)	21.760	1389797	17.338 ug/ml

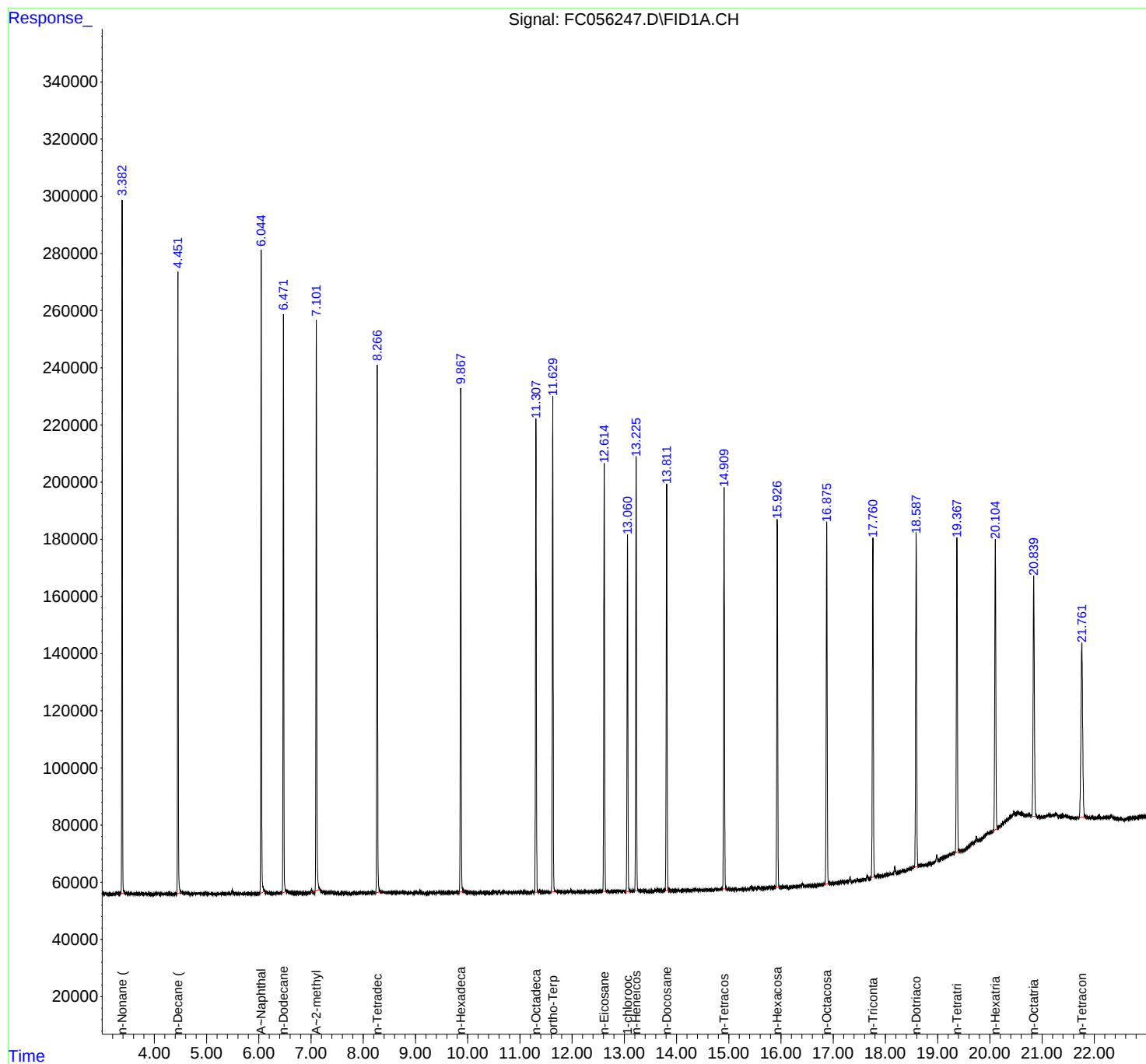
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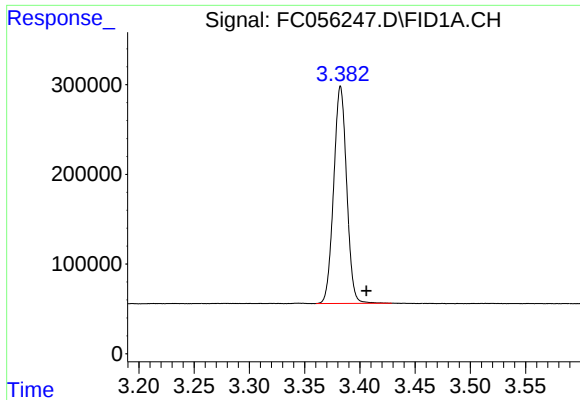
(m)=manual int.

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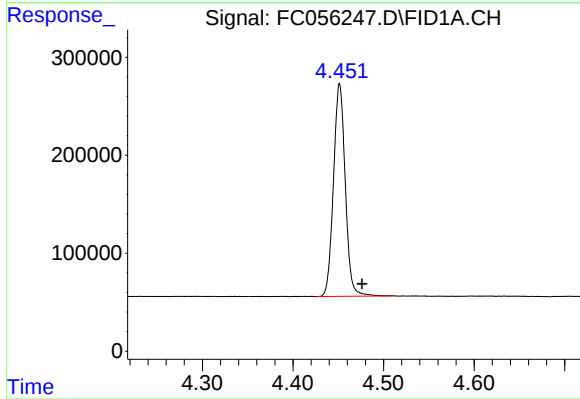
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





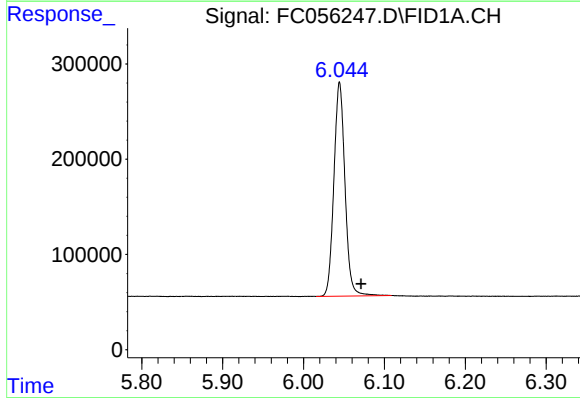
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.023 min
Response: 1979732
Conc: 18.55 ug/ml



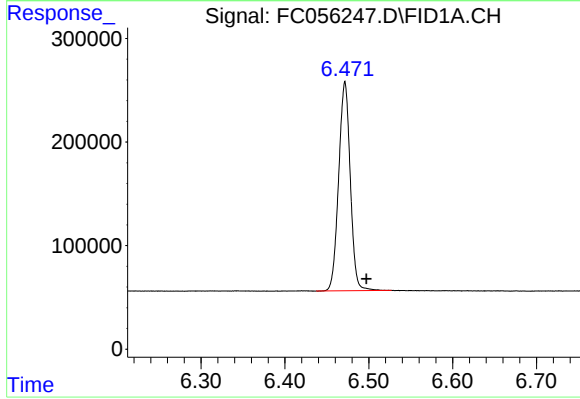
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.025 min
Response: 1963010
Conc: 18.36 ug/ml



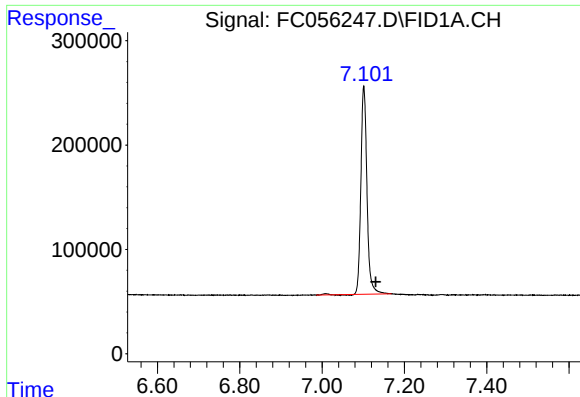
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.026 min
Response: 2138242
Conc: 17.77 ug/ml



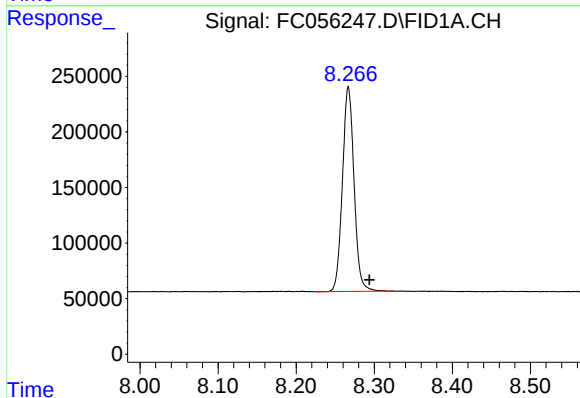
#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.026 min
Response: 1946058
Conc: 17.93 ug/ml



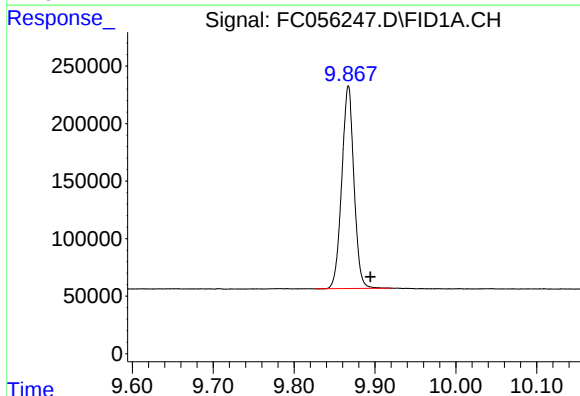
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.029 min
Response: 2055665
Conc: 16.92 ug/ml



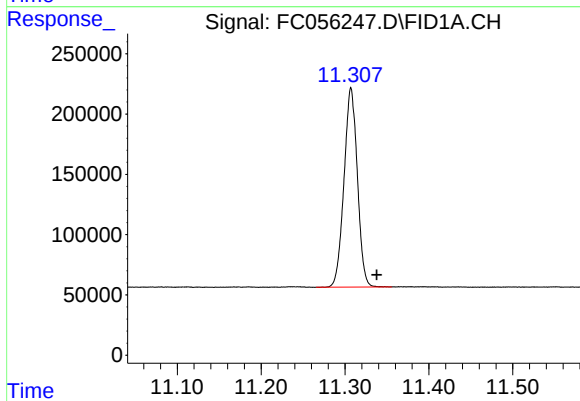
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: -0.027 min
Response: 1909331
Conc: 17.26 ug/ml



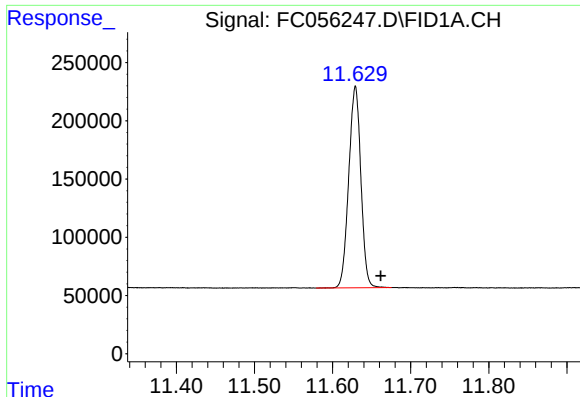
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.027 min
Response: 1846890
Conc: 16.69 ug/ml



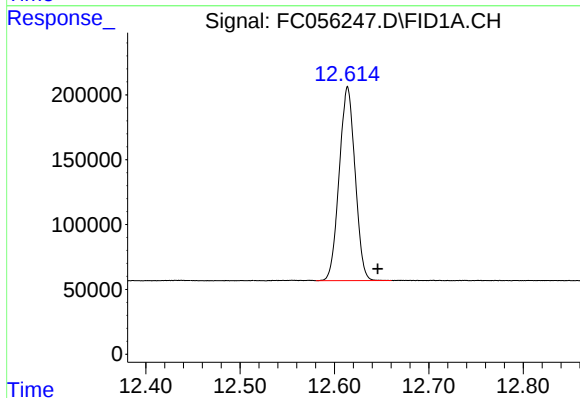
#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: -0.030 min
Response: 1829263
Conc: 16.34 ug/ml



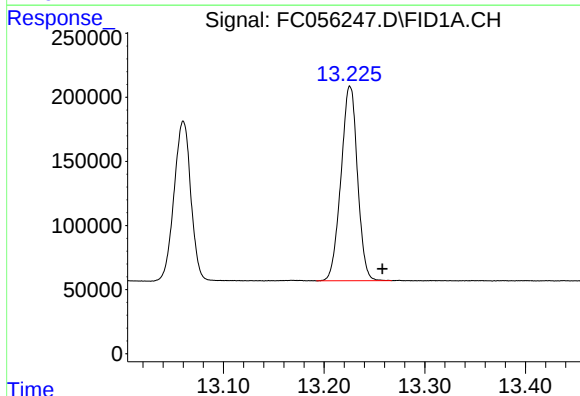
#9 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.033 min
Response: 1864754
Conc: 15.72 ug/ml



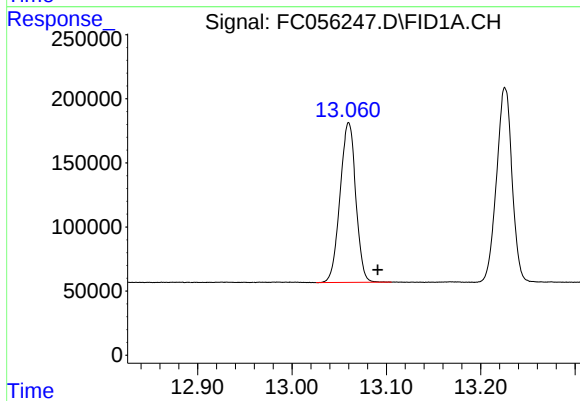
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: -0.032 min
Response: 1742274
Conc: 15.95 ug/ml



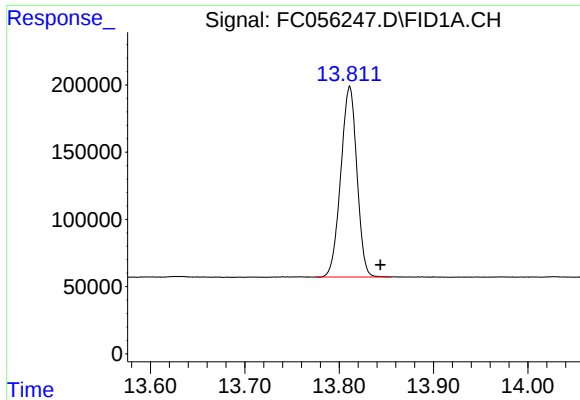
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.032 min
Response: 1728753
Conc: 15.90 ug/ml



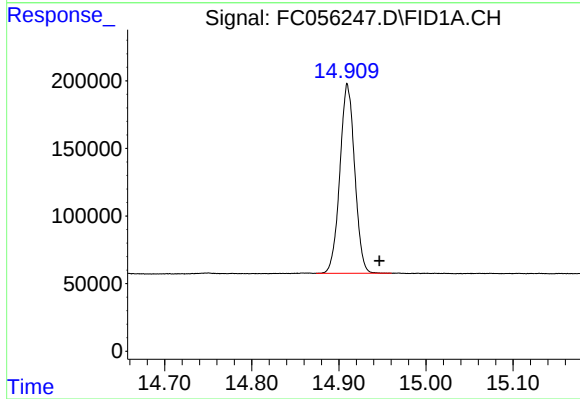
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: -0.031 min
Response: 1439663
Conc: 15.67 ug/ml



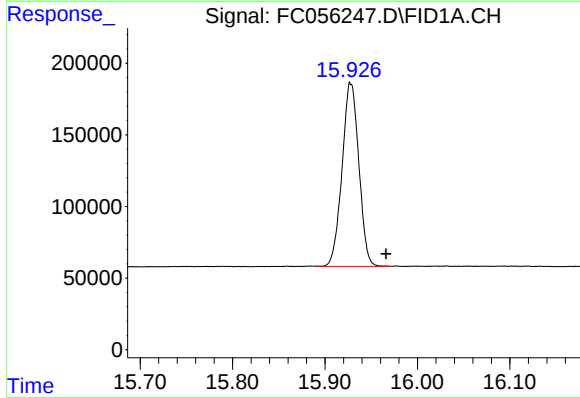
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.033 min
Response: 1682848
Conc: 15.76 ug/ml



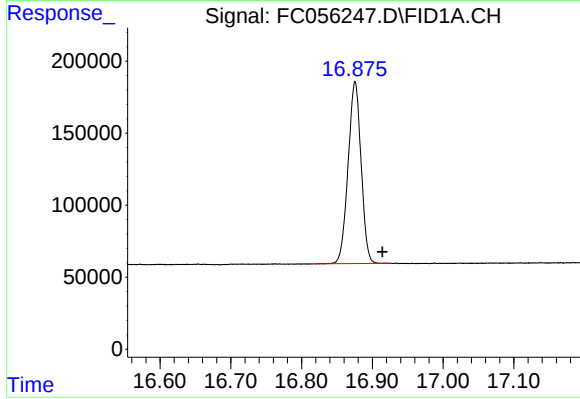
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.036 min
Response: 1654388
Conc: 15.82 ug/ml



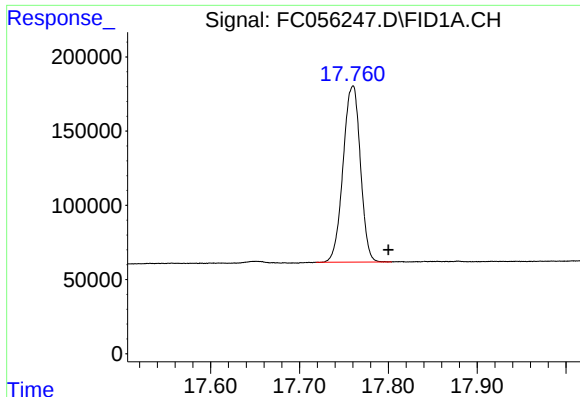
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.038 min
Response: 1615260
Conc: 16.08 ug/ml



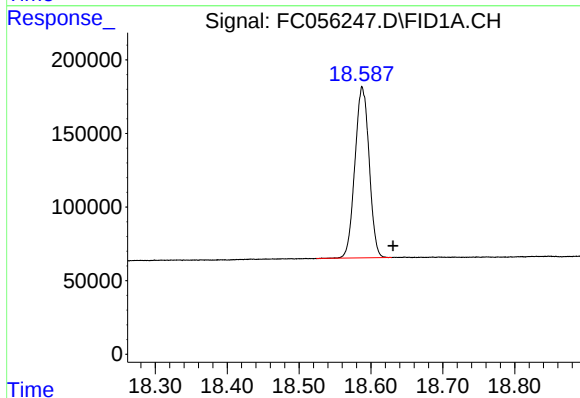
#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.039 min
Response: 1610818
Conc: 16.65 ug/ml



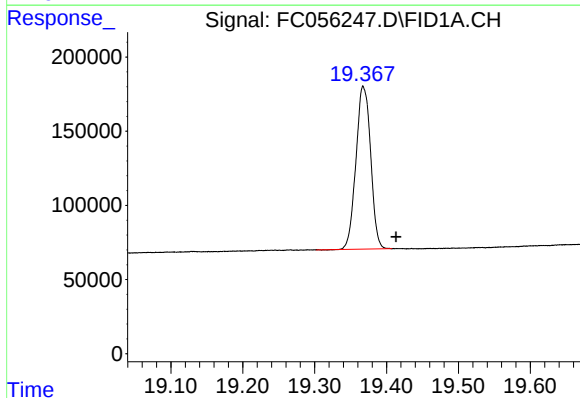
#17 n-Tricontane (C30)

R.T.: 17.760 min
Delta R.T.: -0.040 min
Response: 1605105
Conc: 17.30 ug/ml



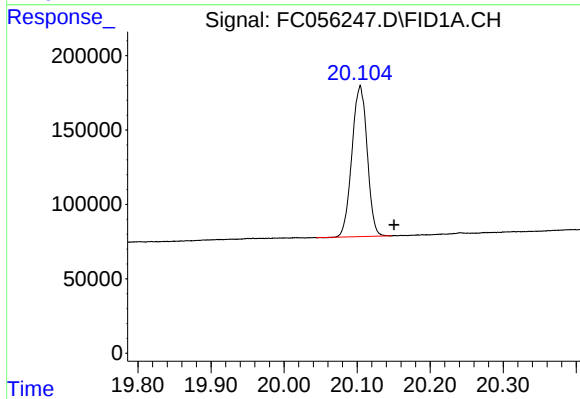
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: -0.043 min
Response: 1595652
Conc: 17.95 ug/ml



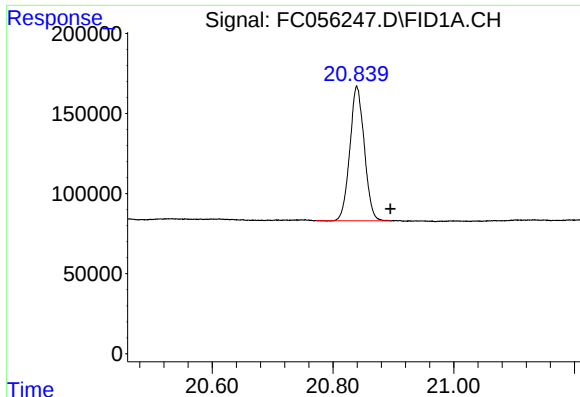
#19 n-Tetratriacontane (C34)

R.T.: 19.368 min
Delta R.T.: -0.045 min
Response: 1556195
Conc: 17.99 ug/ml



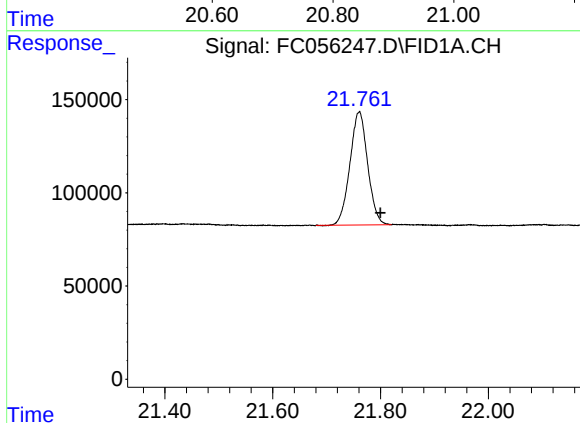
#20 n-Hexatriacontane (C36)

R.T.: 20.104 min
Delta R.T.: -0.047 min
Response: 1467207
Conc: 17.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.840 min
Delta R.T.: -0.056 min
Response: 1391122
Conc: 17.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.760 min
Delta R.T.: -0.040 min
Response: 1389797
Conc: 17.34 ug/ml