

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120121AL\
 Data File : FC057157.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 1:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 02 01:54:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.595	2392891	20.620 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	13.028	1851625	20.339 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.354	2253712	22.241 ug/ml
2) T n-Decane (C10)	4.422	2287838	22.847 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2525034	22.613 ug/ml
4) T n-Dodecane (C12)	6.440	2307200	22.755 ug/ml
5) T A~2-methylnaphthalene...	7.071	2513696	22.798 ug/ml
6) T n-Tetradecane (C14)	8.235	2299677	22.697 ug/ml
7) T n-Hexadecane (C16)	9.834	2285510	22.272 ug/ml
8) T n-Octadecane (C18)	11.275	2321332	21.667 ug/ml
10) T n-Eicosane (C20)	12.583	2234829	20.895 ug/ml
11) T n-Heneicosane (C21)	13.194	2224371	20.540 ug/ml
13) T n-Docosane (C22)	13.779	2159530	20.157 ug/ml
14) T n-Tetracosane (C24)	14.879	2093238	19.336 ug/ml
15) T n-Hexacosane (C26)	15.898	2010460	18.874 ug/ml
16) T n-Octacosane (C28)	16.846	1959357	18.369 ug/ml
17) T n-Tricontane (C30)	17.730	1935825	18.162 ug/ml
18) T n-Dotriacontane (C32)	18.559	1928412	18.282 ug/ml
19) T n-Tetratriacontane (C34)	19.341	1970331	18.966 ug/mlm
20) T n-Hexatriacontane (C36)	20.076	1981163	19.614 ug/mlm
21) T n-Octatriacontane (C38)	20.808	2074598	22.600 ug/mlm
22) T n-Tetracontane (C40)	21.719	2193586	24.350 ug/mlm

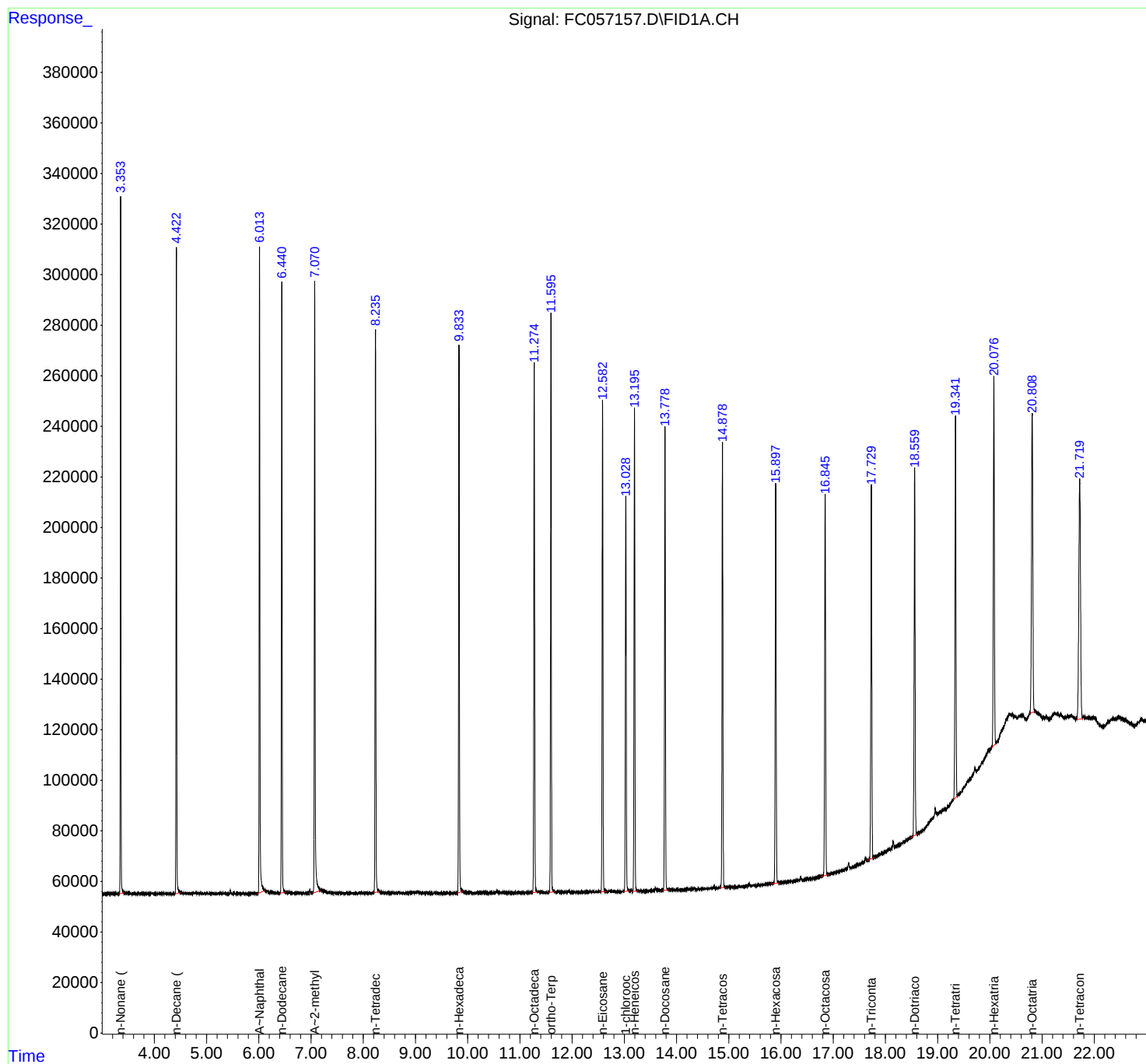
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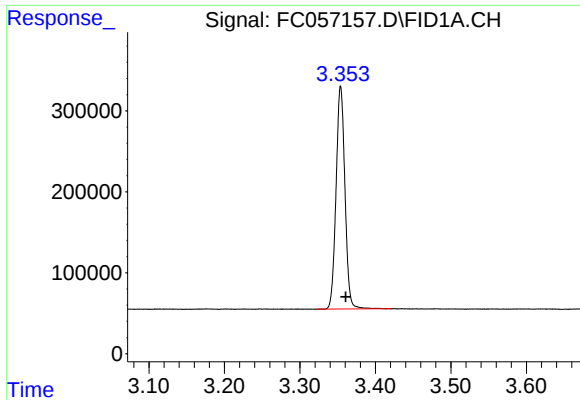
(m)=manual int.

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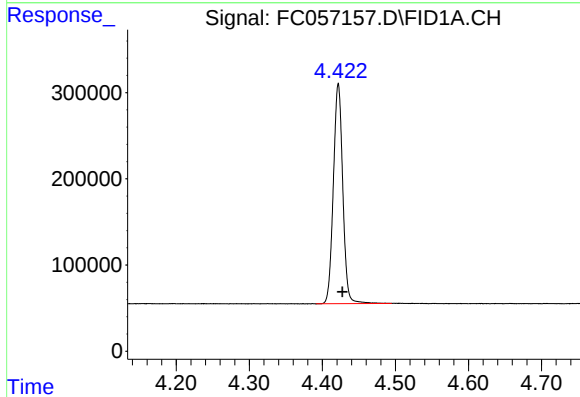
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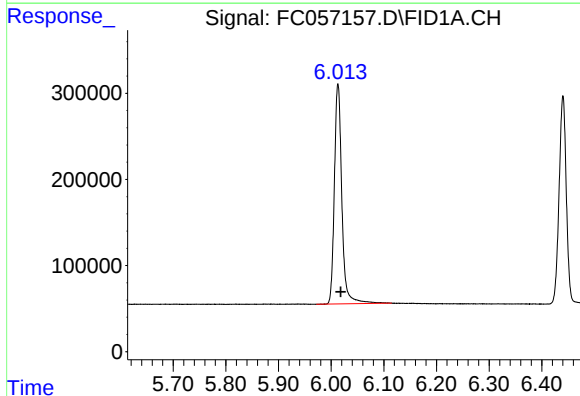
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.007 min
Response: 2253712
Conc: 22.24 ug/ml



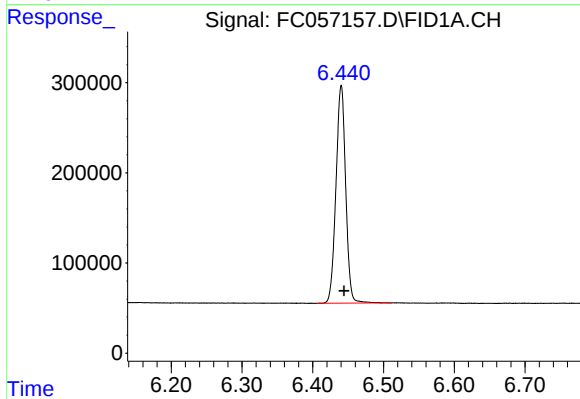
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.006 min
Response: 2287838
Conc: 22.85 ug/ml



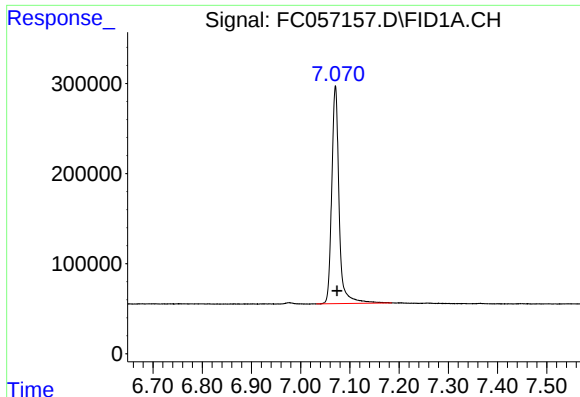
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 2525034
Conc: 22.61 ug/ml



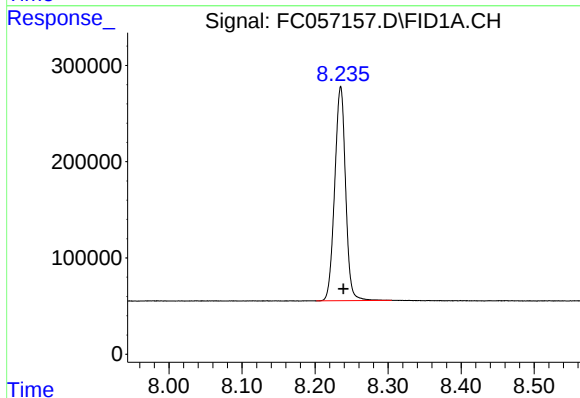
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: -0.004 min
Response: 2307200
Conc: 22.76 ug/ml



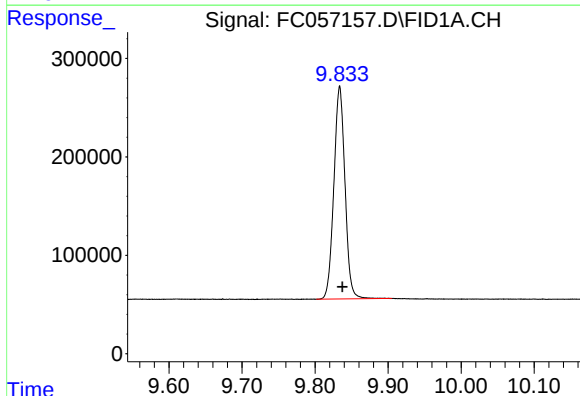
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 2513696
Conc: 22.80 ug/ml



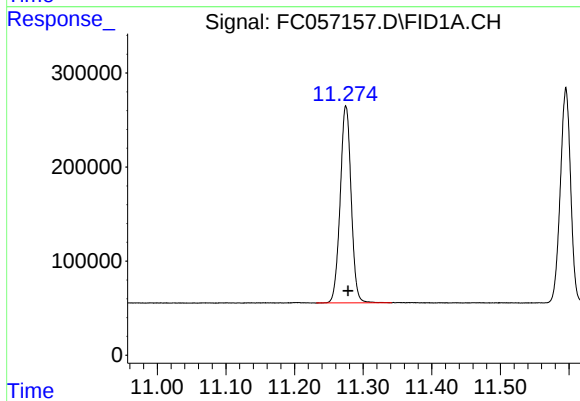
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2299677
Conc: 22.70 ug/ml



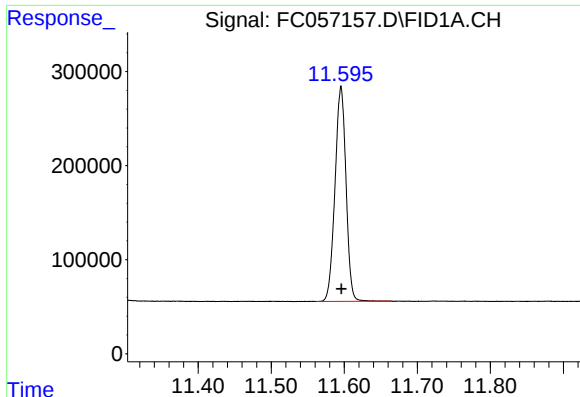
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.004 min
Response: 2285510
Conc: 22.27 ug/ml



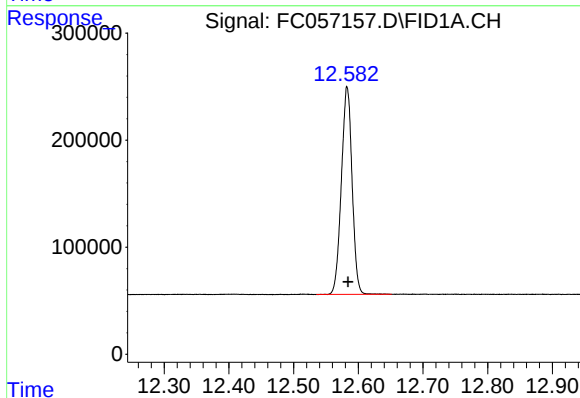
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2321332
Conc: 21.67 ug/ml



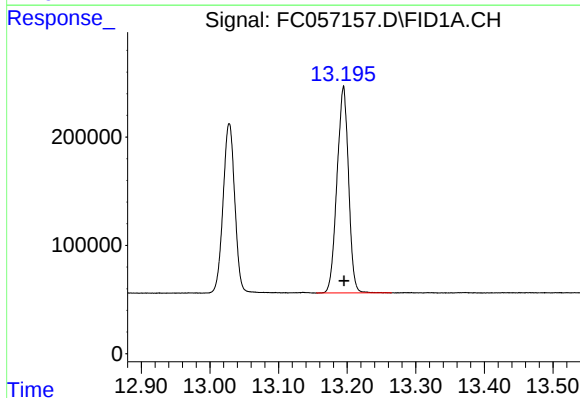
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 2392891
Conc: 20.62 ug/ml



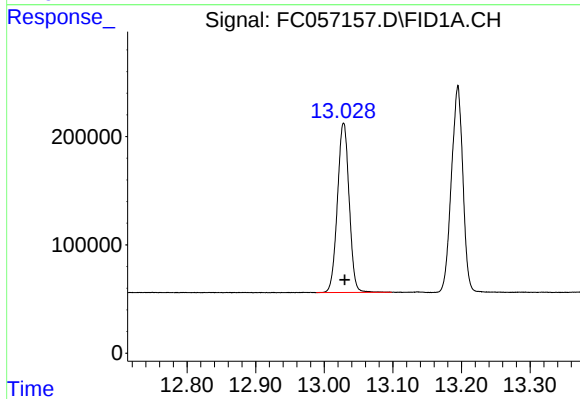
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.002 min
Response: 2234829
Conc: 20.89 ug/ml



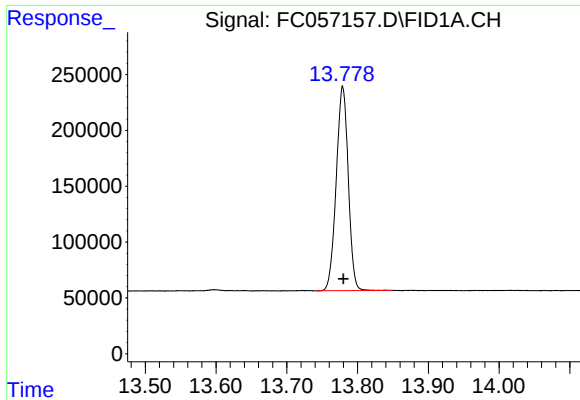
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.000 min
Response: 2224371
Conc: 20.54 ug/ml



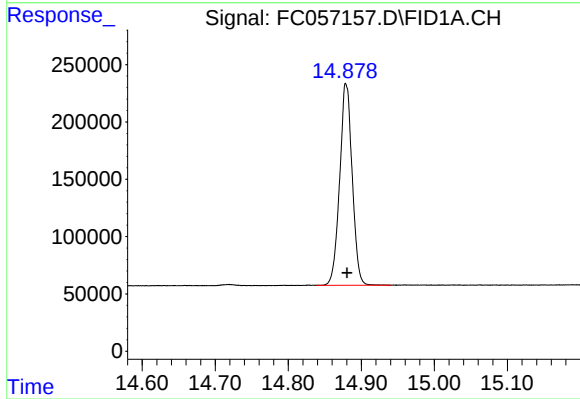
#12 1-chlorooctadecane (SURR)

R.T.: 13.028 min
Delta R.T.: -0.002 min
Response: 1851625
Conc: 20.34 ug/ml



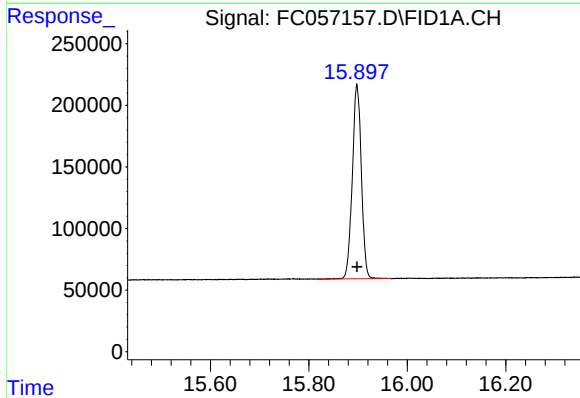
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: 0.000 min
Response: 2159530
Conc: 20.16 ug/ml



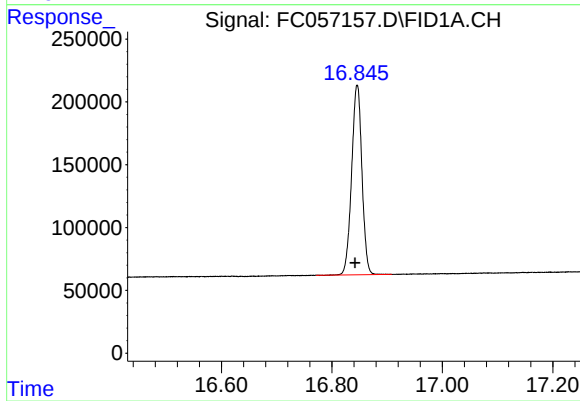
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.001 min
Response: 2093238
Conc: 19.34 ug/ml



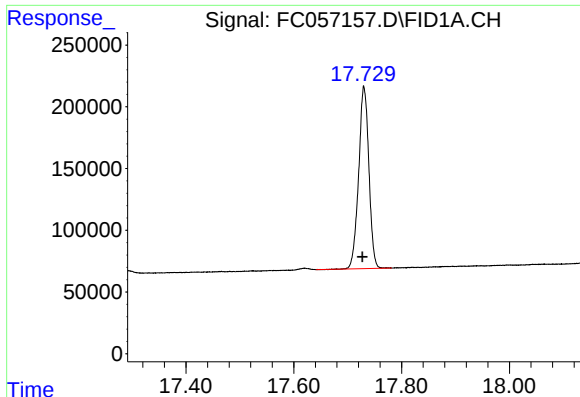
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 2010460
Conc: 18.87 ug/ml



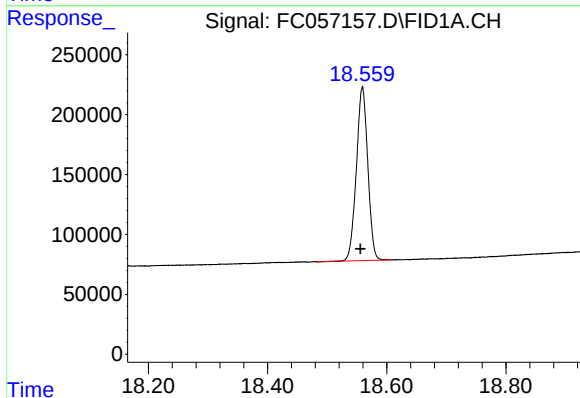
#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: 0.004 min
Response: 1959357
Conc: 18.37 ug/ml



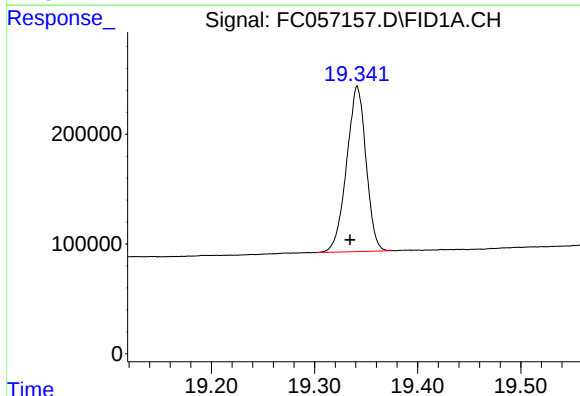
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.003 min
Response: 1935825
Conc: 18.16 ug/ml



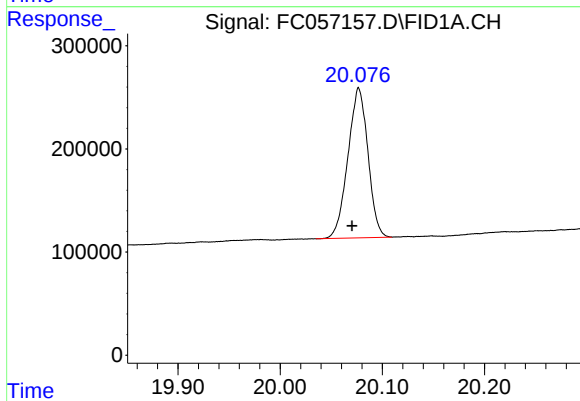
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.004 min
Response: 1928412
Conc: 18.28 ug/ml



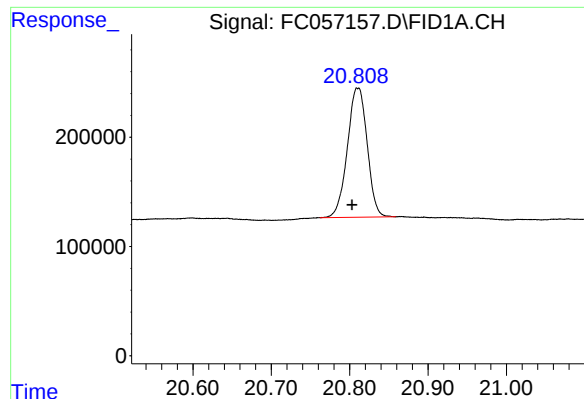
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: 0.007 min
Response: 1970331
Conc: 18.97 ug/ml m



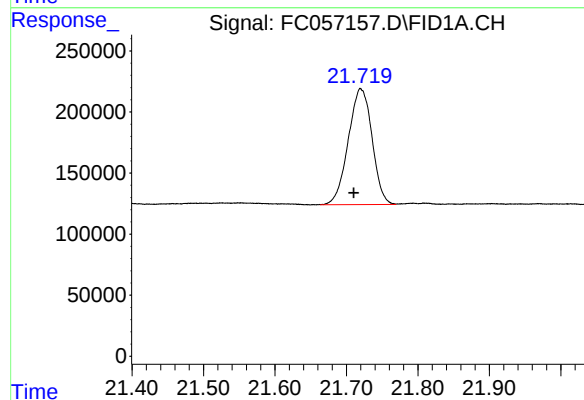
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.006 min
Response: 1981163
Conc: 19.61 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.005 min
Response: 2074598
Conc: 22.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: 0.009 min
Response: 2193586
Conc: 24.35 ug/ml m