

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120321AL\
 Data File : FC057220.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2021 3:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 04:15:04 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)	11.585	2220641	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	13.018	1714564	18.834 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.349	2101815	20.742 ug/ml
2) T n-Decane (C10)	4.416	2114595	21.117 ug/ml
3) T A~Naphthalene (C11.7)	6.005	2347267	21.021 ug/ml
4) T n-Dodecane (C12)	6.433	2143275	21.139 ug/ml
5) T A~2-methylnaphthalene...	7.062	2339723	21.220 ug/ml
6) T n-Tetradecane (C14)	8.227	2132673	21.049 ug/ml
7) T n-Hexadecane (C16)	9.826	2120343	20.663 ug/ml
8) T n-Octadecane (C18)	11.266	2151229	20.079 ug/ml
10) T n-Eicosane (C20)	12.573	2082412	19.470 ug/ml
11) T n-Heneicosane (C21)	13.183	2063866	19.058 ug/ml
13) T n-Docosane (C22)	13.768	2008324	18.746 ug/ml
14) T n-Tetracosane (C24)	14.868	1949504	18.008 ug/ml
15) T n-Hexacosane (C26)	15.886	1871668	17.571 ug/ml
16) T n-Octacosane (C28)	16.832	1837553	17.227 ug/ml
17) T n-Tricontane (C30)	17.716	1805786	16.942 ug/ml
18) T n-Dotriacontane (C32)	18.546	1783576	16.909 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1788429	17.215 ug/ml
20) T n-Hexatriacontane (C36)	20.062	1761916	17.444 ug/ml
21) T n-Octatriacontane (C38)	20.793	1721822	18.757 ug/ml
22) T n-Tetracontane (C40)	21.694	1740165	19.317 ug/ml

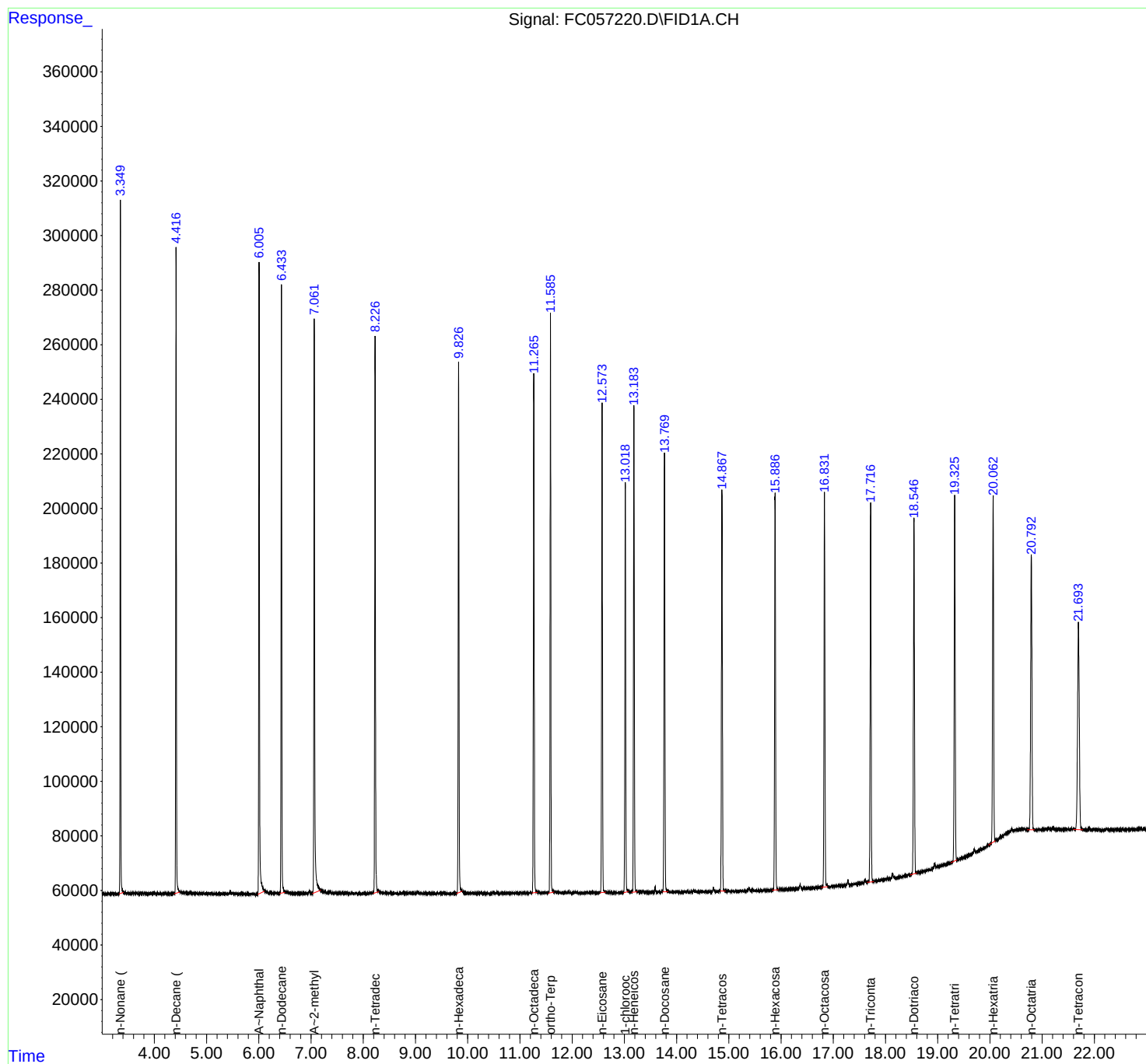
(f)=RT Delta > 1/2 Window

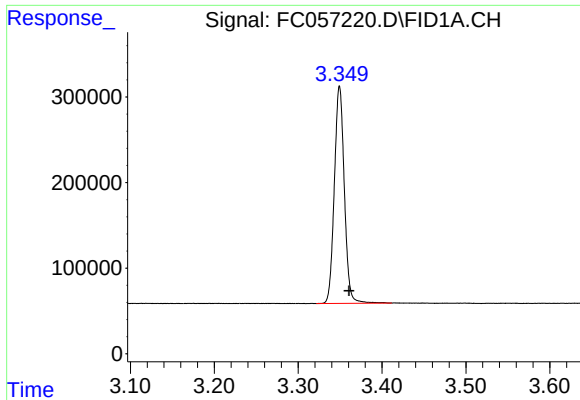
(m)=manual int.

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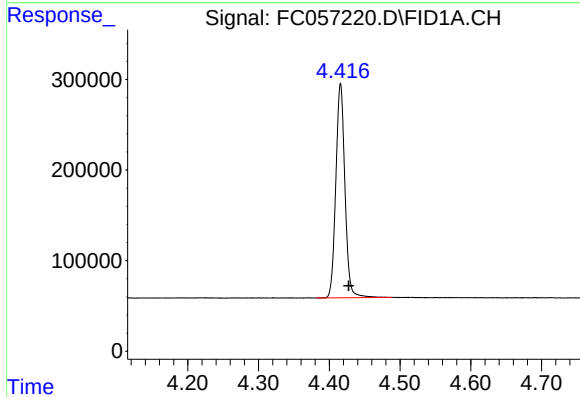
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





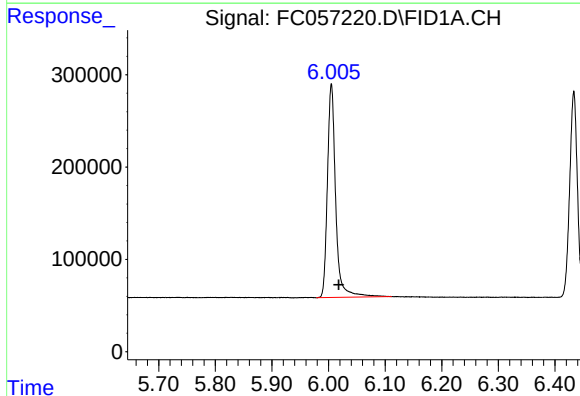
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.012 min
Response: 2101815
Conc: 20.74 ug/ml



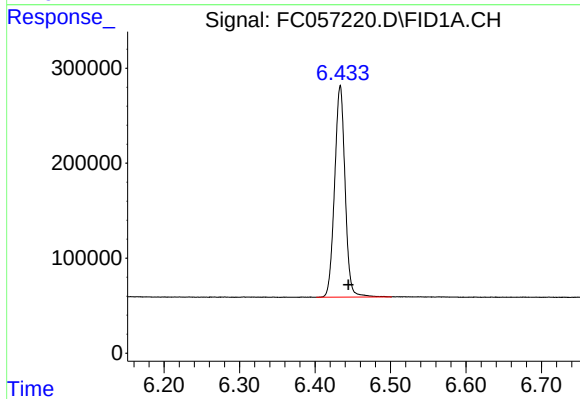
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.012 min
Response: 2114595
Conc: 21.12 ug/ml



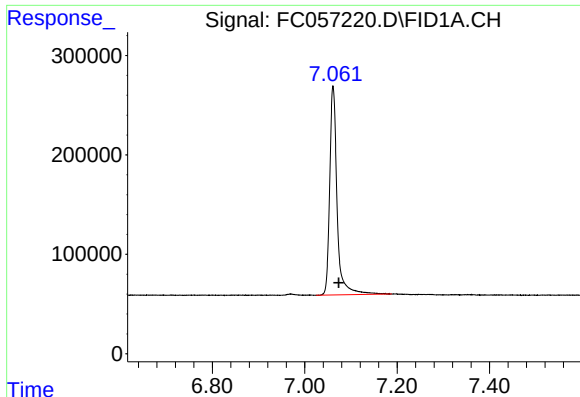
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.013 min
Response: 2347267
Conc: 21.02 ug/ml



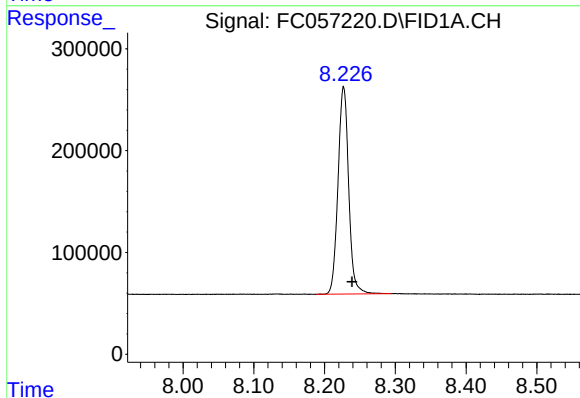
#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: -0.011 min
Response: 2143275
Conc: 21.14 ug/ml



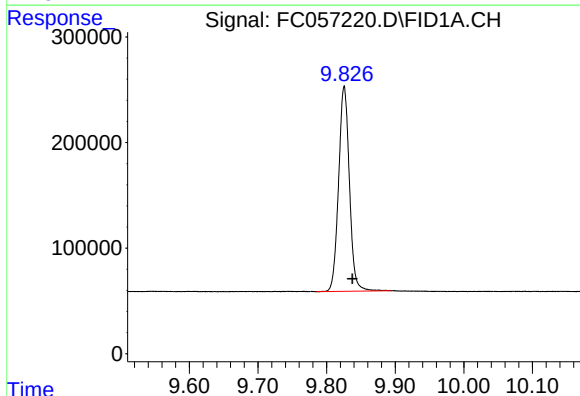
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: -0.012 min
Response: 2339723
Conc: 21.22 ug/ml



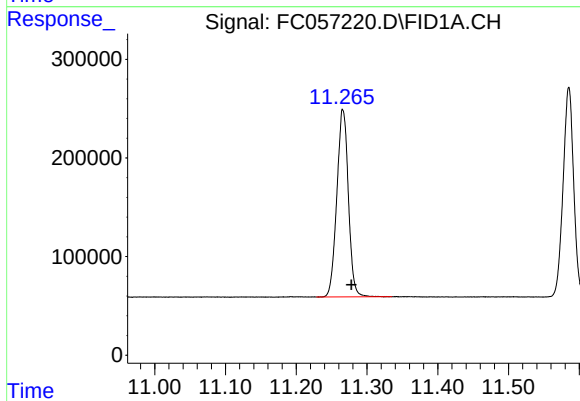
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: -0.012 min
Response: 2132673
Conc: 21.05 ug/ml



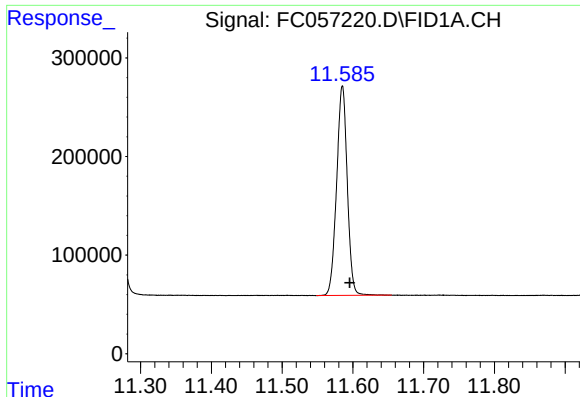
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.012 min
Response: 2120343
Conc: 20.66 ug/ml



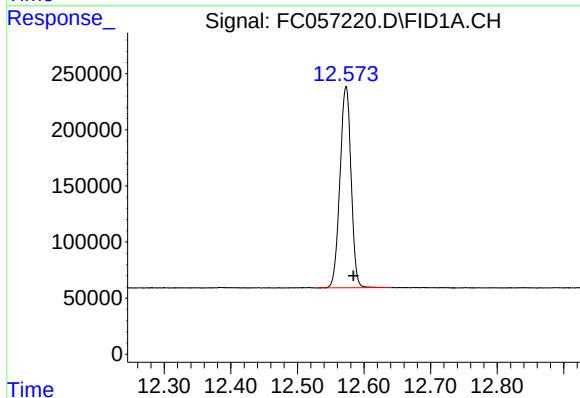
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 2151229
Conc: 20.08 ug/ml



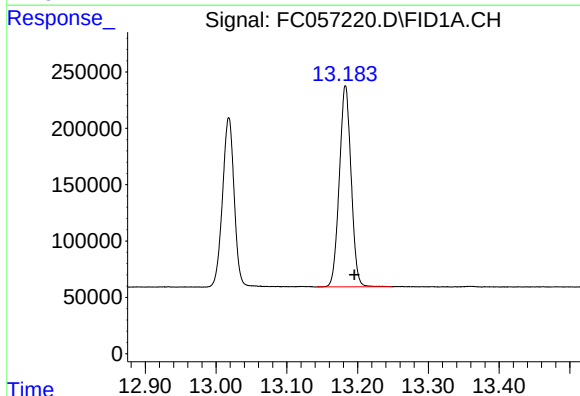
#9 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: -0.011 min
Response: 2220641
Conc: 19.14 ug/ml



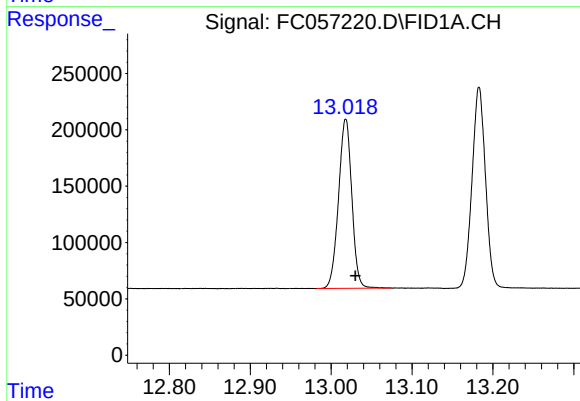
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: -0.011 min
Response: 2082412
Conc: 19.47 ug/ml



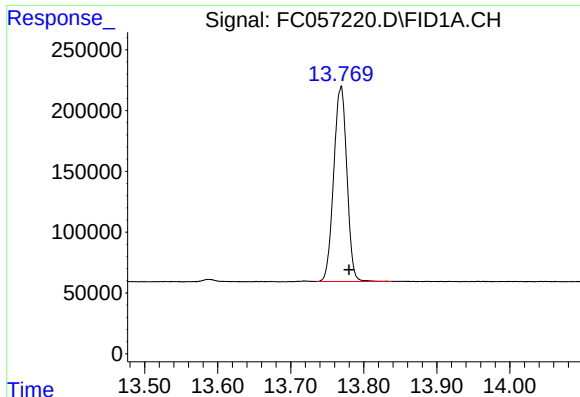
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.013 min
Response: 2063866
Conc: 19.06 ug/ml



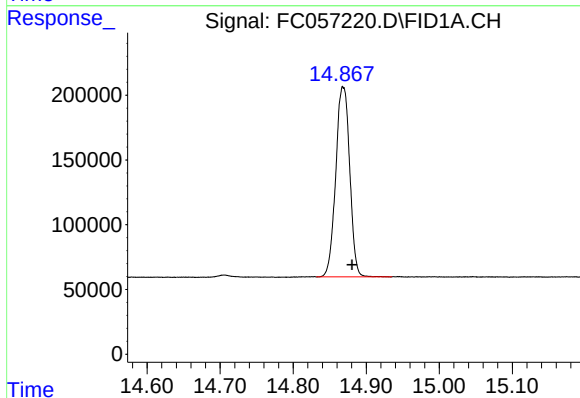
#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: -0.012 min
Response: 1714564
Conc: 18.83 ug/ml



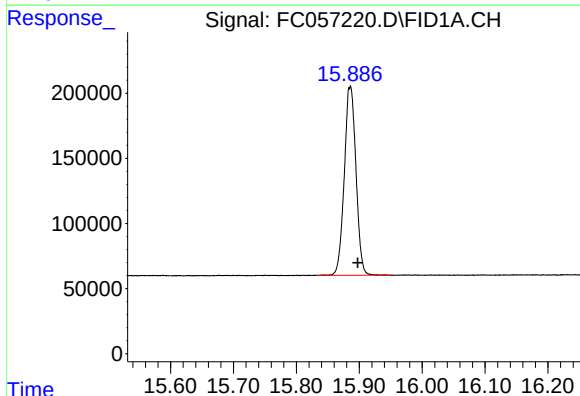
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.011 min
Response: 2008324
Conc: 18.75 ug/ml



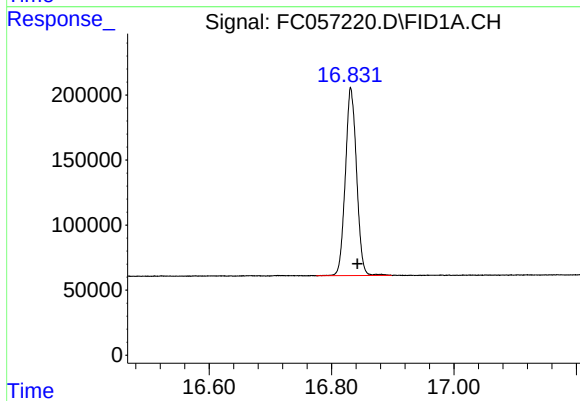
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: -0.012 min
Response: 1949504
Conc: 18.01 ug/ml



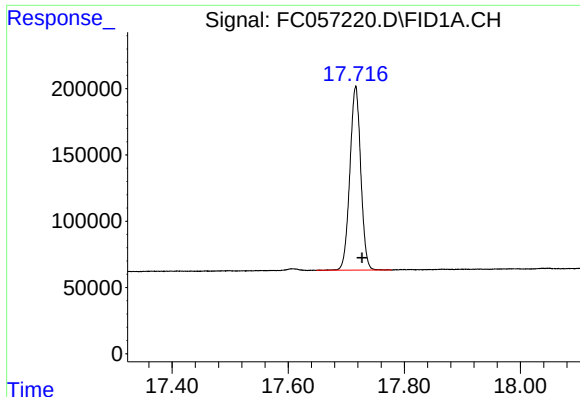
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.012 min
Response: 1871668
Conc: 17.57 ug/ml



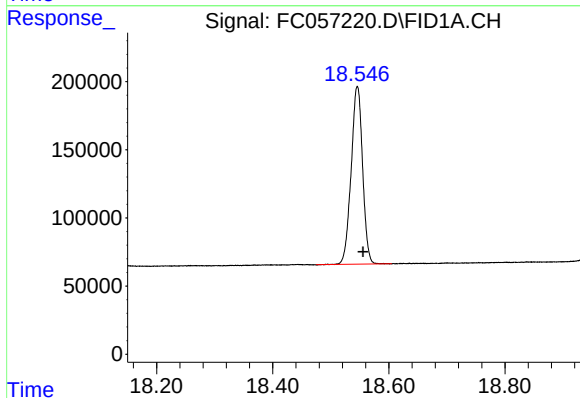
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.010 min
Response: 1837553
Conc: 17.23 ug/ml



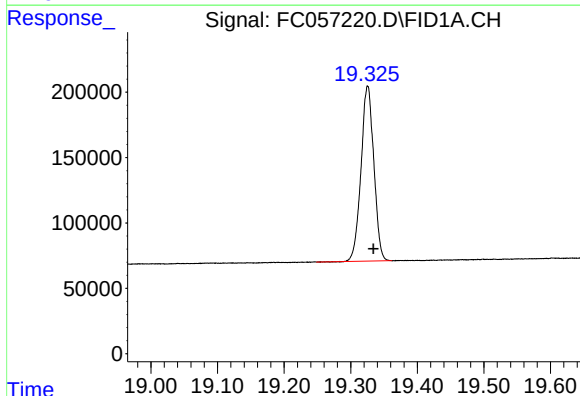
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.011 min
Response: 1805786
Conc: 16.94 ug/ml



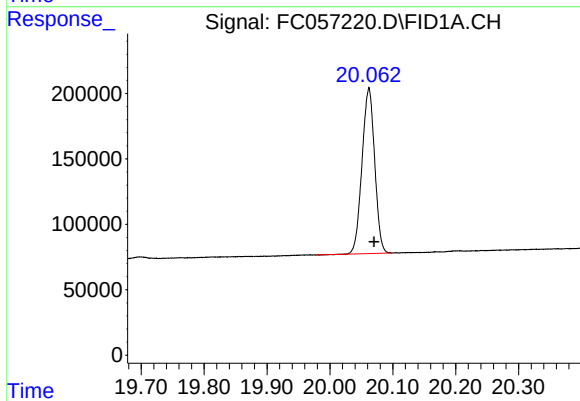
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.010 min
Response: 1783576
Conc: 16.91 ug/ml



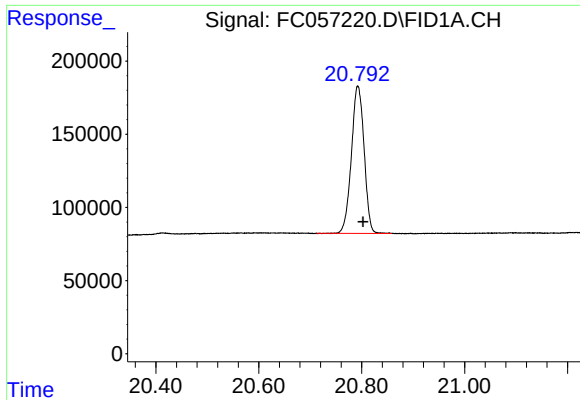
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.009 min
Response: 1788429
Conc: 17.22 ug/ml



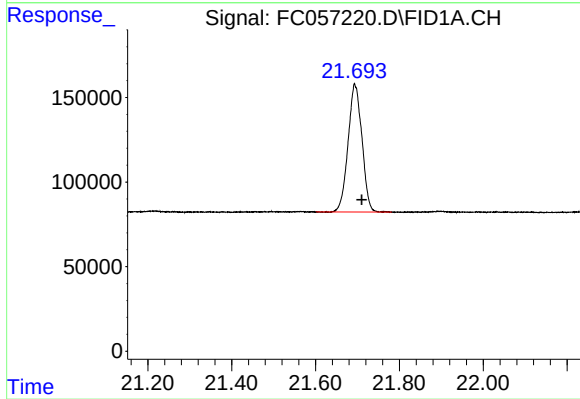
#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: -0.009 min
Response: 1761916
Conc: 17.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.010 min
Response: 1721822
Conc: 18.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: -0.016 min
Response: 1740165
Conc: 19.32 ug/ml