

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110119AL\
 Data File : FC044312.D
 Signal(s) : FID1A.CH
 Acq On : 01 Nov 2019 9:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 01 15:12:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.719	2278948	15.635 ug/ml
Spiked Amount 50.000		Recovery =	31.27%
12) S 1-chlorooctadecane (S...	13.151	1704549	15.245 ug/ml
Spiked Amount 50.000		Recovery =	30.49%
Target Compounds			
1) T n-Nonane (C9)	3.447	2183148	19.819 ug/ml
2) T n-Decane (C10)	4.523	2199527	19.803 ug/ml
3) T A~Naphthalene (C11.7)	6.123	2439952	19.610 ug/ml
4) T n-Dodecane (C12)	6.548	2216096	19.705 ug/ml
5) T A~2-methylnaphthalene...	7.181	2447666	19.410 ug/ml
6) T n-Tetradecane (C14)	8.345	2197131	19.420 ug/ml
7) T n-Hexadecane (C16)	9.947	2169159	18.984 ug/ml
8) T n-Octadecane (C18)	11.391	2116265	18.484 ug/ml
10) T n-Eicosane (C20)	12.704	2043278	17.916 ug/ml
11) T n-Heneicosane (C21)	13.317	2015030	17.568 ug/ml
13) T n-Docosane (C22)	13.904	1966820	17.320 ug/ml
14) T n-Tetracosane (C24)	15.009	1898155	16.786 ug/ml
15) T n-Hexacosane (C26)	16.033	1823166	16.478 ug/ml
16) T n-Octacosane (C28)	16.983	1777332	16.407 ug/ml
17) T n-Tricontane (C30)	17.874	1778645	16.806 ug/ml
18) T n-Dotriacontane (C32)	18.708	1751319	17.390 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1739244	18.549 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1705007	19.641 ug/ml
21) T n-Octatriacontane (C38)	21.007	1623201	20.129 ug/ml
22) T n-Tetracontane (C40)	21.976	1703115	20.149 ug/ml

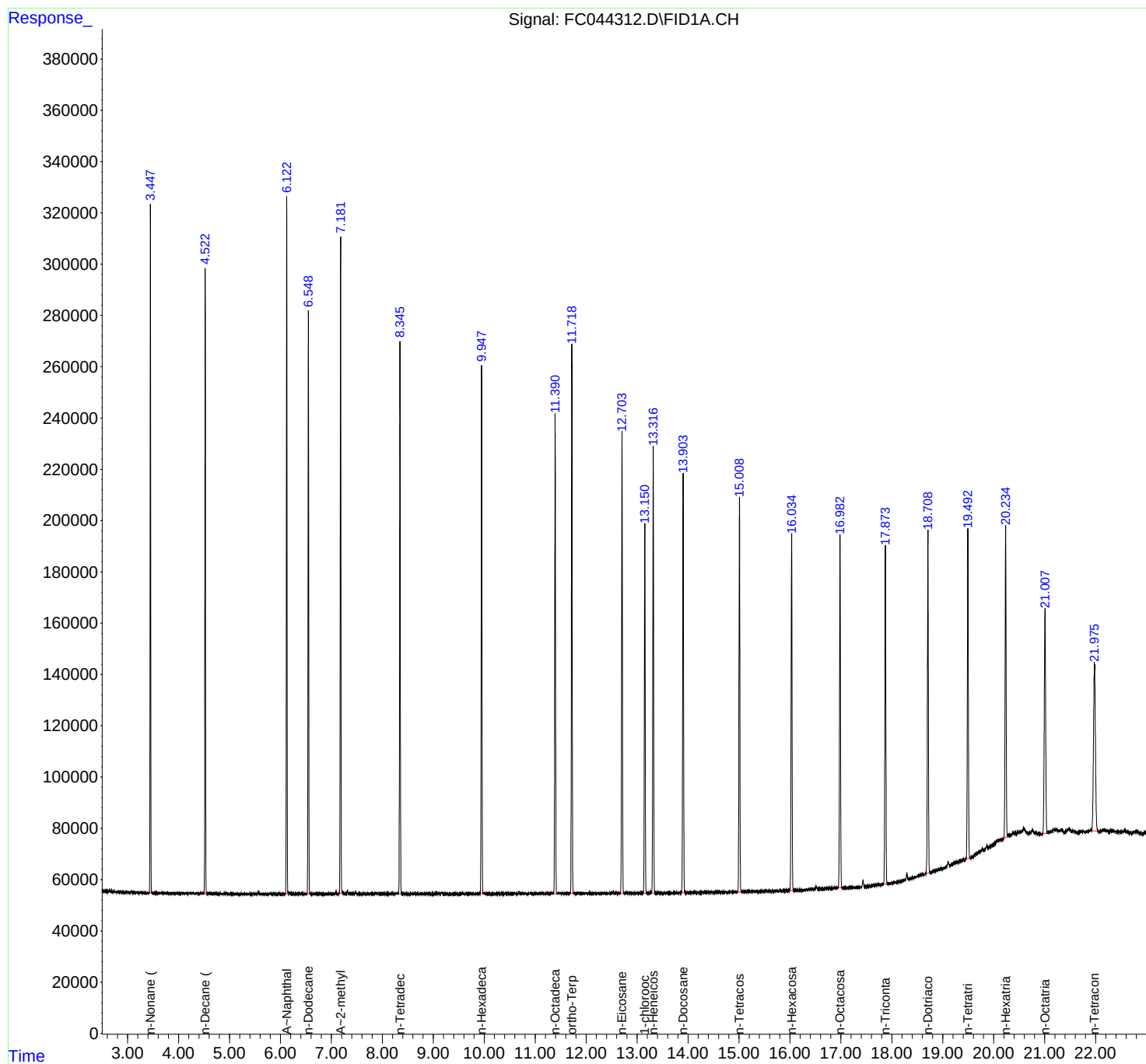
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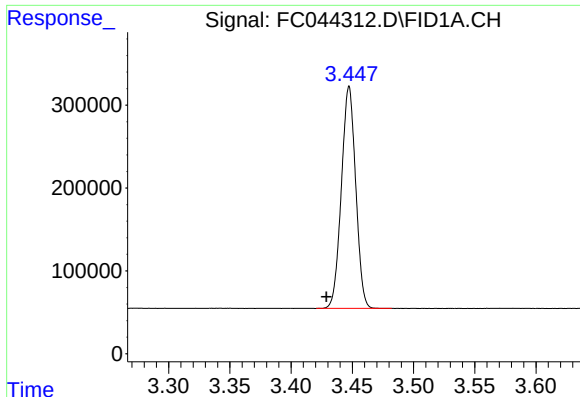
(m)=manual int.

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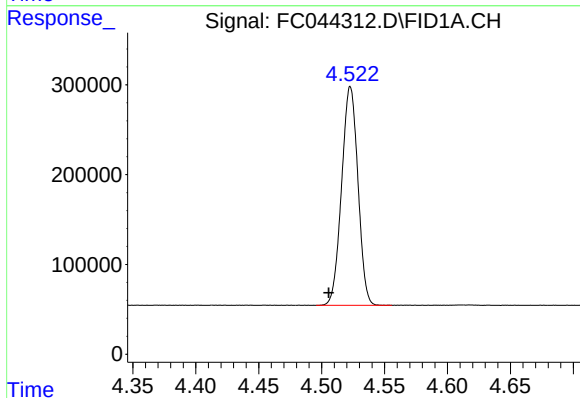
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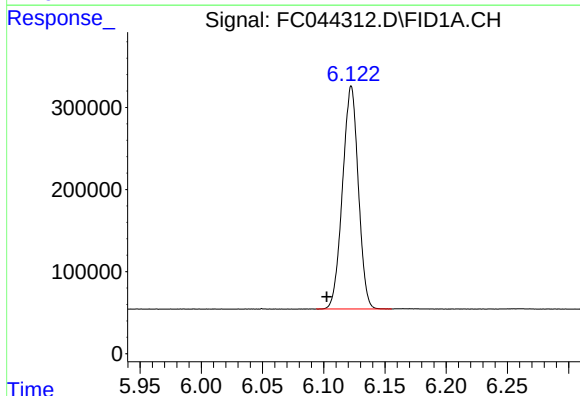
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.018 min
Response: 2183148
Conc: 19.82 ug/ml



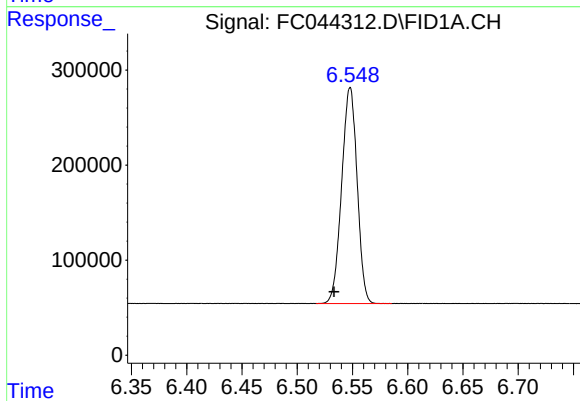
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.017 min
Response: 2199527
Conc: 19.80 ug/ml



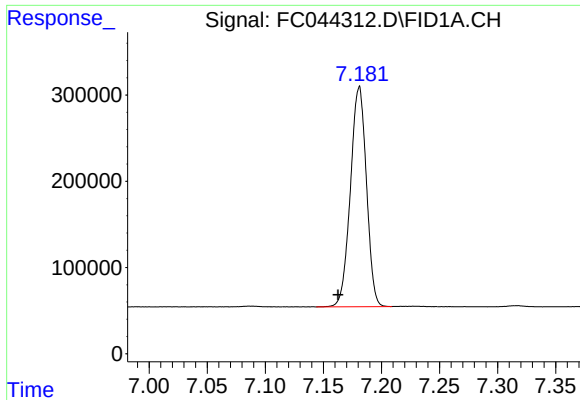
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.020 min
Response: 2439952
Conc: 19.61 ug/ml



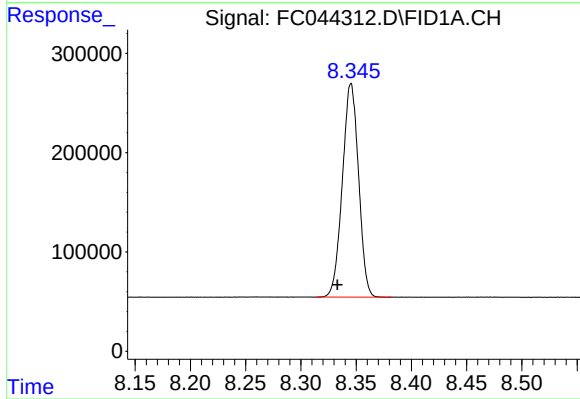
#4 n-Dodecane (C12)

R.T.: 6.548 min
Delta R.T.: 0.014 min
Response: 2216096
Conc: 19.70 ug/ml



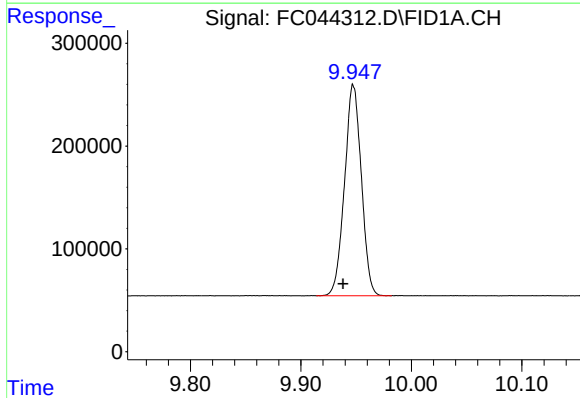
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.181 min
Delta R.T.: 0.018 min
Response: 2447666
Conc: 19.41 ug/ml



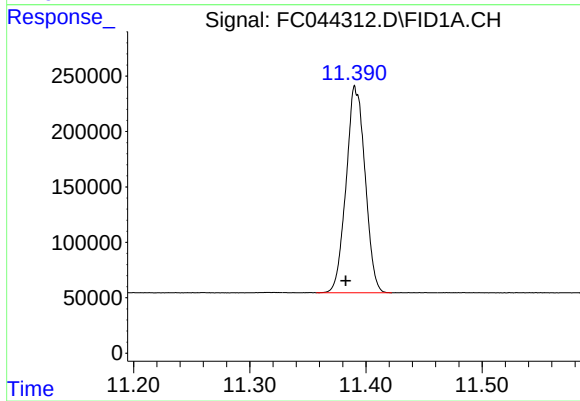
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.012 min
Response: 2197131
Conc: 19.42 ug/ml



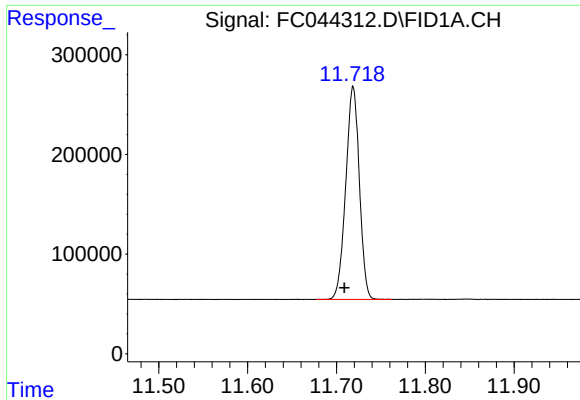
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.009 min
Response: 2169159
Conc: 18.98 ug/ml



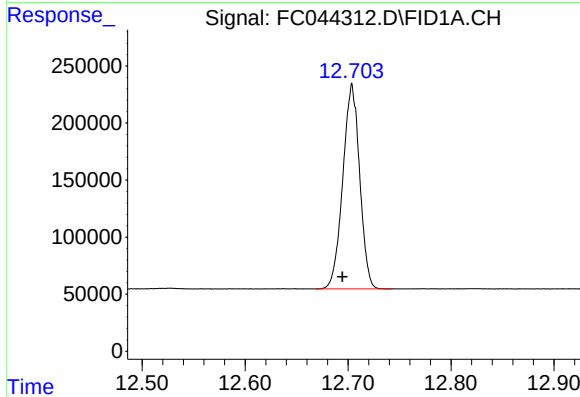
#8 n-Octadecane (C18)

R.T.: 11.391 min
Delta R.T.: 0.008 min
Response: 2116265
Conc: 18.48 ug/ml



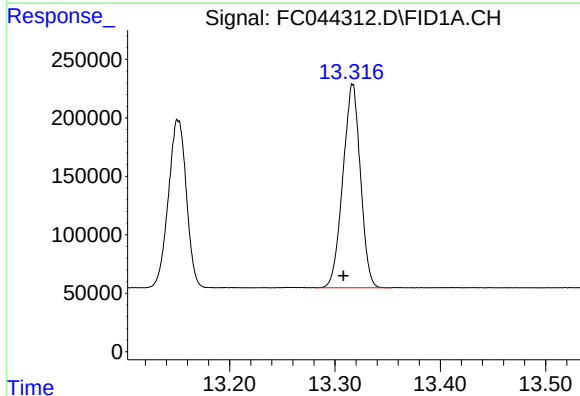
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.010 min
Response: 2278948
Conc: 15.63 ug/ml



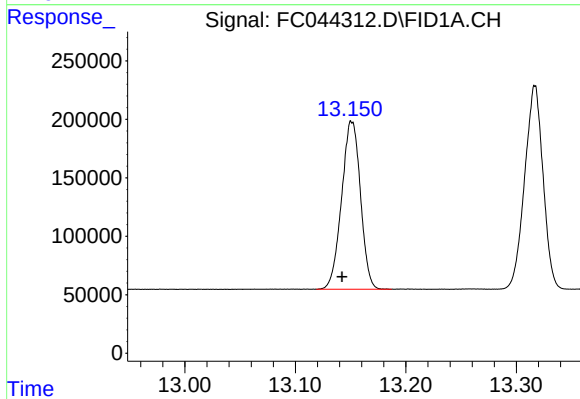
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.009 min
Response: 2043278
Conc: 17.92 ug/ml



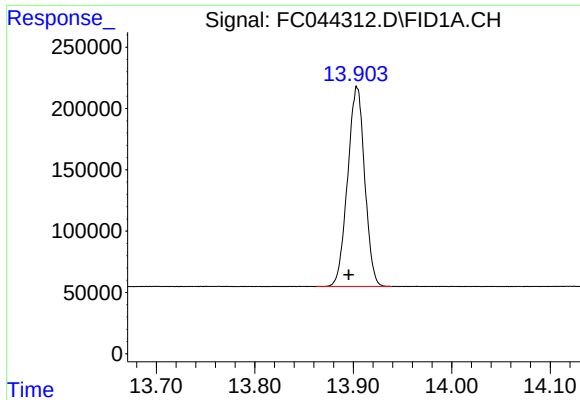
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.009 min
Response: 2015030
Conc: 17.57 ug/ml



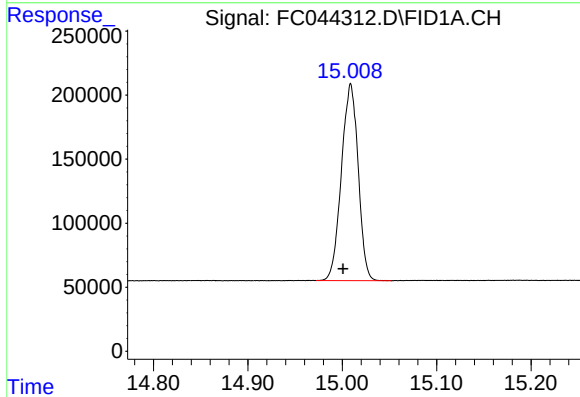
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: 0.009 min
Response: 1704549
Conc: 15.24 ug/ml



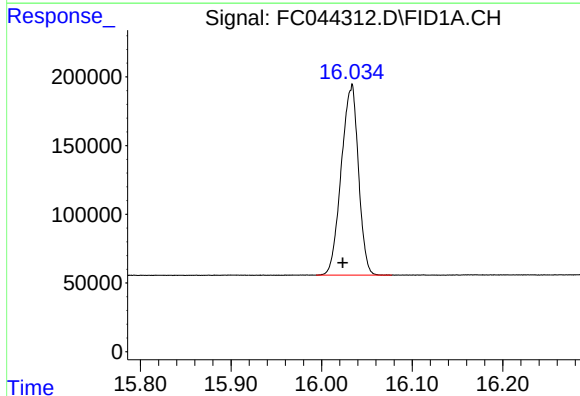
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: 0.008 min
Response: 1966820
Conc: 17.32 ug/ml



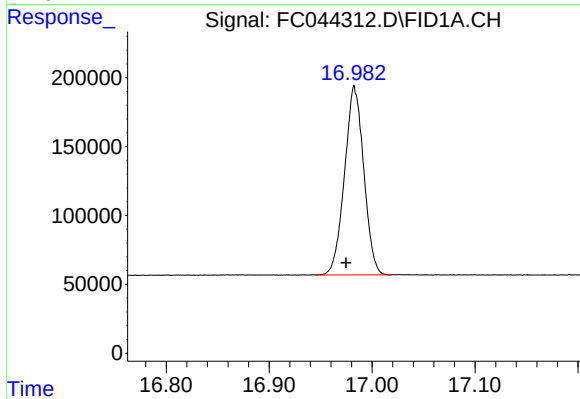
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.008 min
Response: 1898155
Conc: 16.79 ug/ml



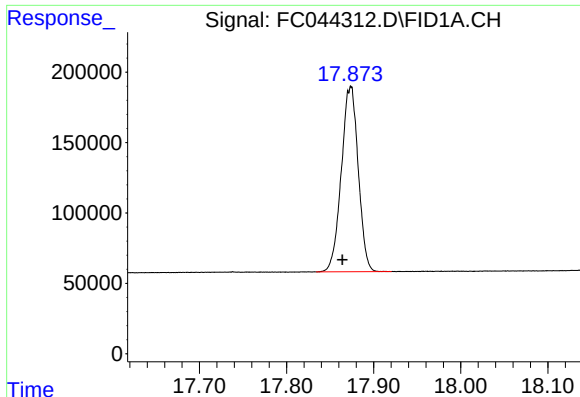
#15 n-Hexacosane (C26)

R.T.: 16.033 min
Delta R.T.: 0.010 min
Response: 1823166
Conc: 16.48 ug/ml



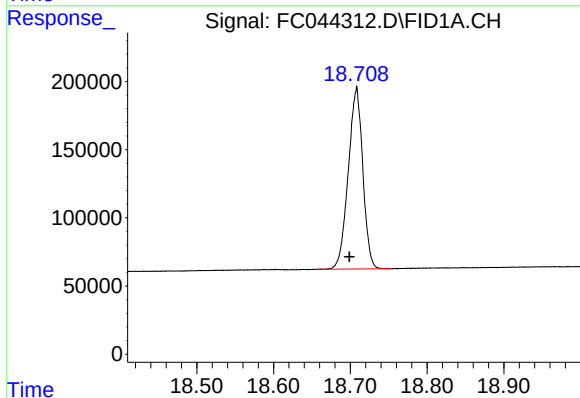
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.008 min
Response: 1777332
Conc: 16.41 ug/ml



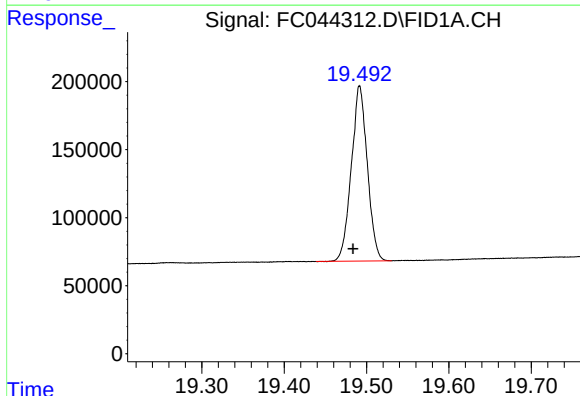
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: 0.009 min
Response: 1778645
Conc: 16.81 ug/ml



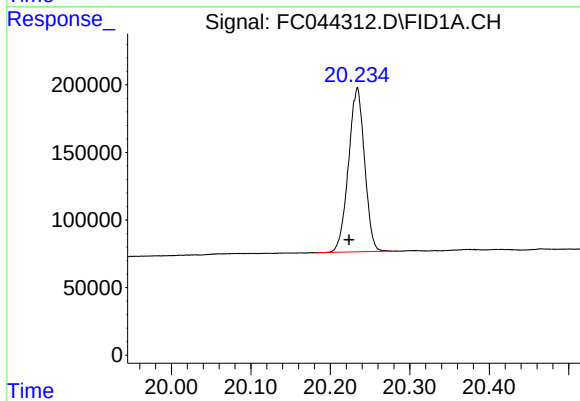
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: 0.010 min
Response: 1751319
Conc: 17.39 ug/ml



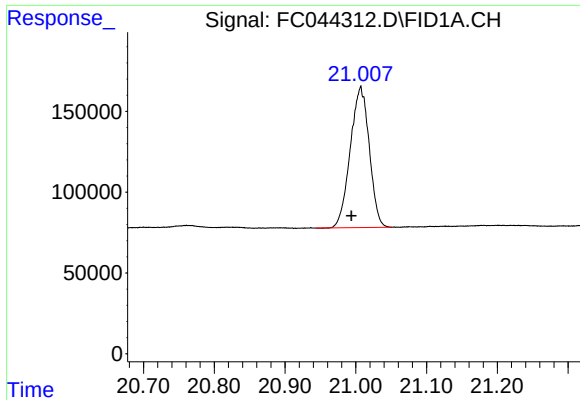
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.008 min
Response: 1739244
Conc: 18.55 ug/ml



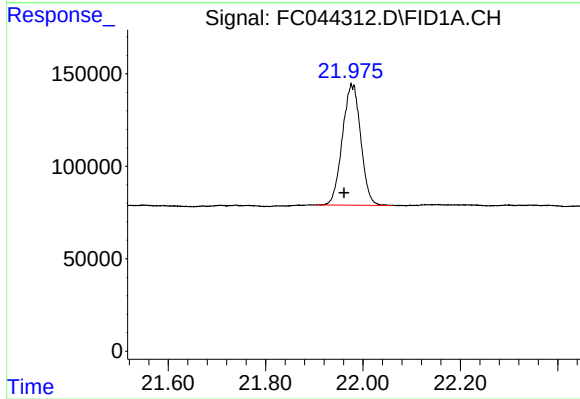
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: 0.011 min
Response: 1705007
Conc: 19.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.007 min
Delta R.T.: 0.013 min
Response: 1623201
Conc: 20.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.014 min
Response: 1703115
Conc: 20.15 ug/ml