

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102819AL\
 Data File : FC044217.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2019 10:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 08:10:05 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)	11.718	2438779	16.731 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
12) S 1-chlorooctadecane (S...	13.151	1840640	16.462 ug/ml
Spiked Amount 50.000		Recovery =	32.92%
Target Compounds			
1) T n-Nonane (C9)	3.439	2227318	20.220 ug/ml
2) T n-Decane (C10)	4.517	2266671	20.407 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2521004	20.262 ug/ml
4) T n-Dodecane (C12)	6.544	2300040	20.451 ug/ml
5) T A~2-methylnaphthalene...	7.176	2544701	20.180 ug/ml
6) T n-Tetradecane (C14)	8.344	2286316	20.209 ug/ml
7) T n-Hexadecane (C16)	9.949	2274906	19.910 ug/ml
8) T n-Octadecane (C18)	11.393	2239086	19.556 ug/ml
10) T n-Eicosane (C20)	12.704	2186490	19.172 ug/ml
11) T n-Heneicosane (C21)	13.316	2170321	18.922 ug/ml
13) T n-Docosane (C22)	13.905	2123573	18.700 ug/ml
14) T n-Tetracosane (C24)	15.009	2062550	18.239 ug/ml
15) T n-Hexacosane (C26)	16.034	1975219	17.853 ug/ml
16) T n-Octacosane (C28)	16.984	1913149	17.661 ug/ml
17) T n-Tricontane (C30)	17.875	1884397	17.805 ug/ml
18) T n-Dotriacontane (C32)	18.708	1818633	18.058 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1783116	19.017 ug/ml
20) T n-Hexatriacontane (C36)	20.235	1729842	19.927 ug/ml
21) T n-Octatriacontane (C38)	21.011	1640243	20.340 ug/ml
22) T n-Tetracontane (C40)	21.979	1761546	20.840 ug/ml

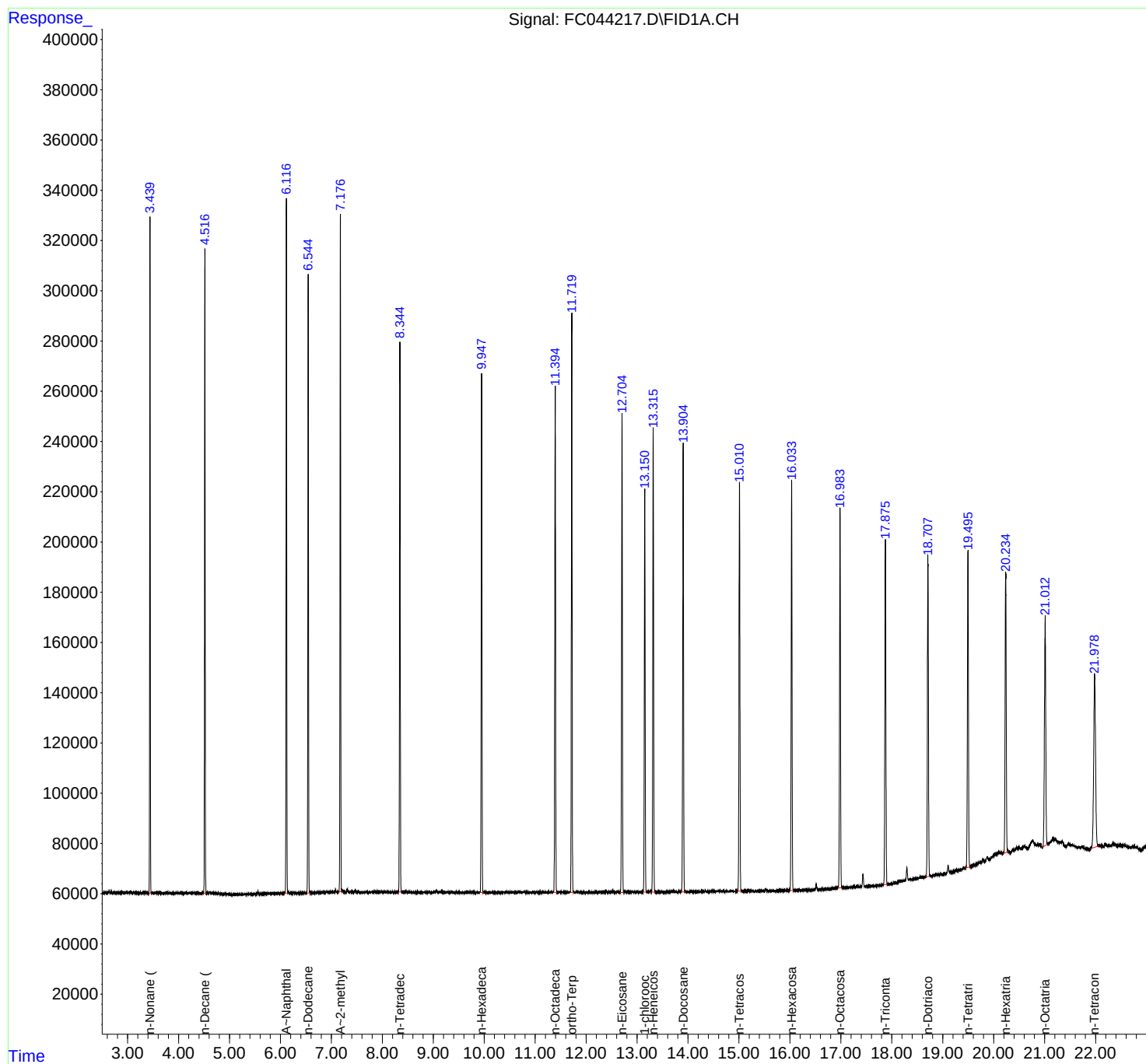
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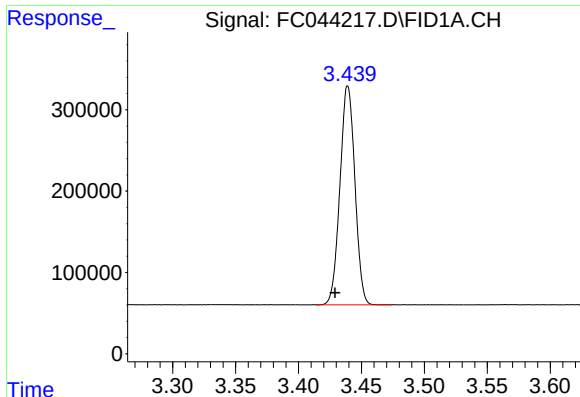
(m)=manual int.

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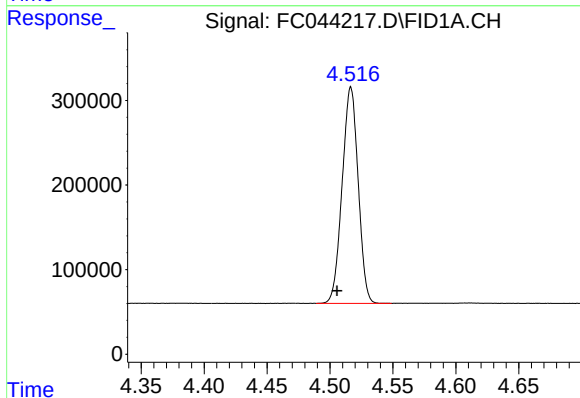
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Signal Info : 20M x 0.18mm x 0.18um





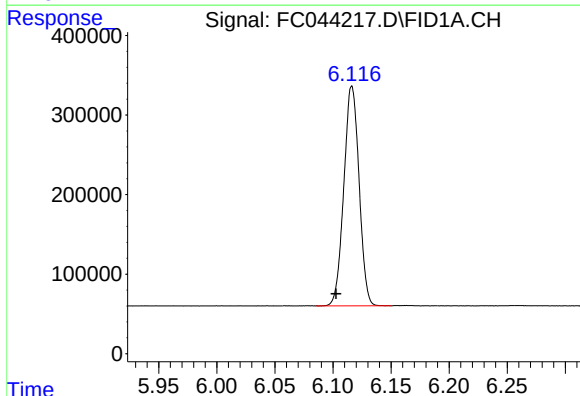
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.010 min
Response: 2227318
Conc: 20.22 ug/ml



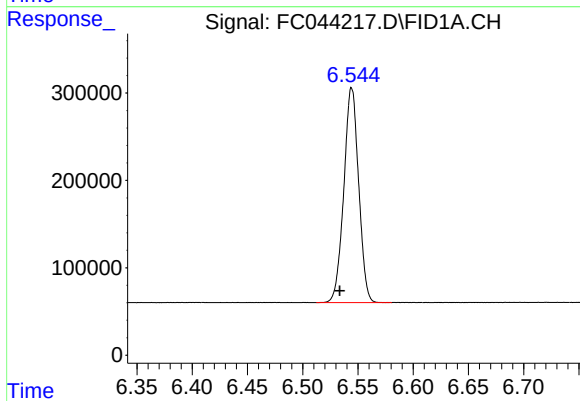
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.011 min
Response: 2266671
Conc: 20.41 ug/ml



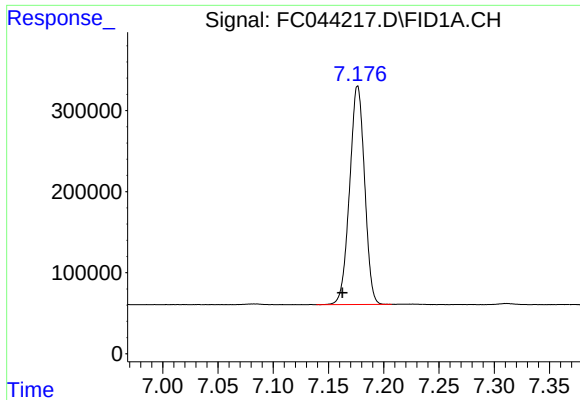
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: 0.014 min
Response: 2521004
Conc: 20.26 ug/ml



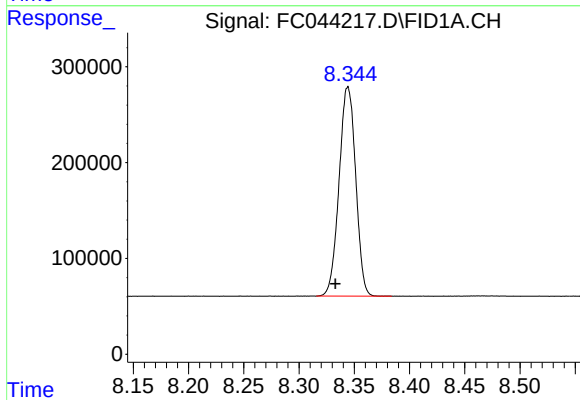
#4 n-Dodecane (C12)

R.T.: 6.544 min
Delta R.T.: 0.011 min
Response: 2300040
Conc: 20.45 ug/ml



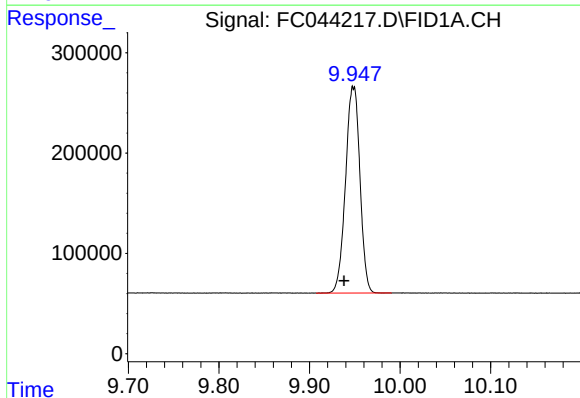
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.176 min
Delta R.T.: 0.014 min
Response: 2544701
Conc: 20.18 ug/ml



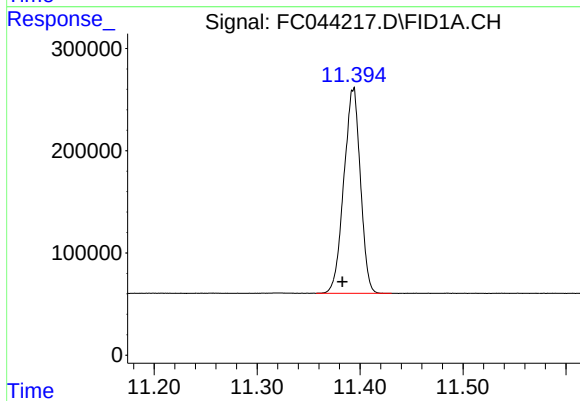
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: 0.011 min
Response: 2286316
Conc: 20.21 ug/ml



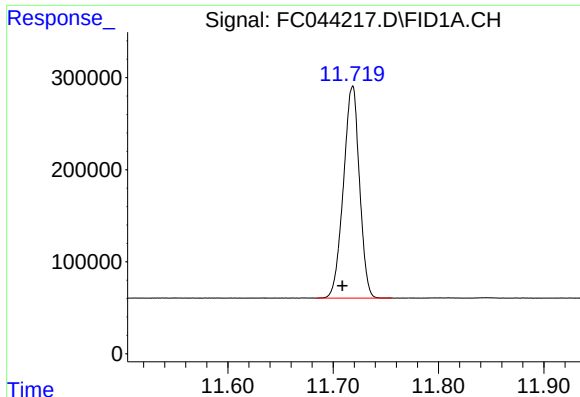
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.010 min
Response: 2274906
Conc: 19.91 ug/ml



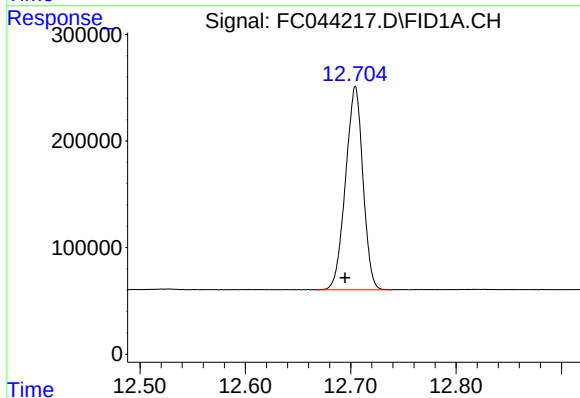
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.011 min
Response: 2239086
Conc: 19.56 ug/ml



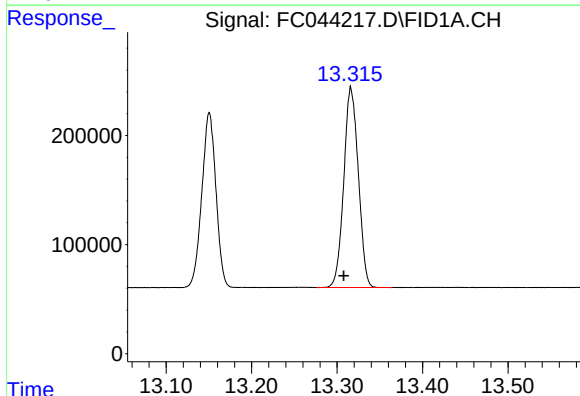
#9 ortho-Terphenyl (SURR)

R.T.: 11.718 min
Delta R.T.: 0.010 min
Response: 2438779
Conc: 16.73 ug/ml



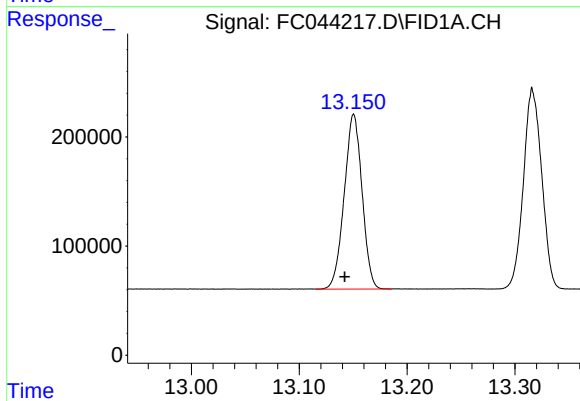
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.010 min
Response: 2186490
Conc: 19.17 ug/ml



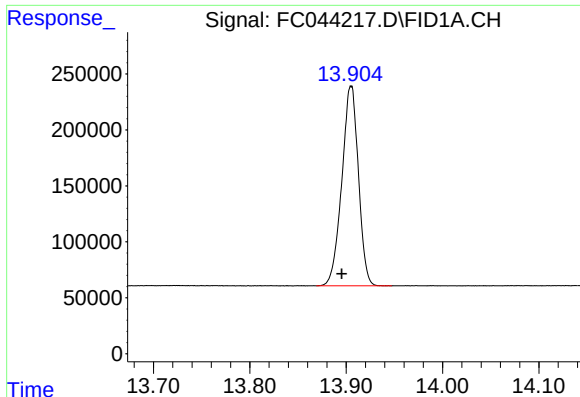
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.008 min
Response: 2170321
Conc: 18.92 ug/ml



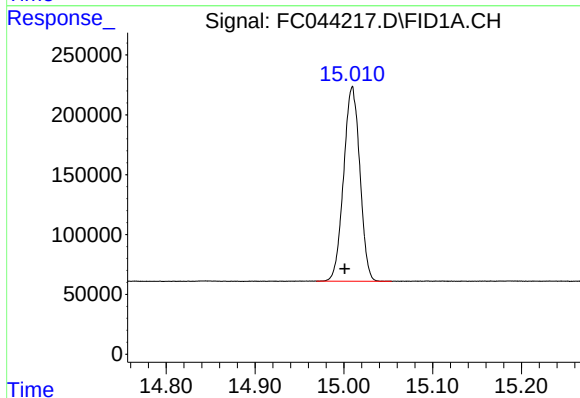
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: 0.008 min
Response: 1840640
Conc: 16.46 ug/ml



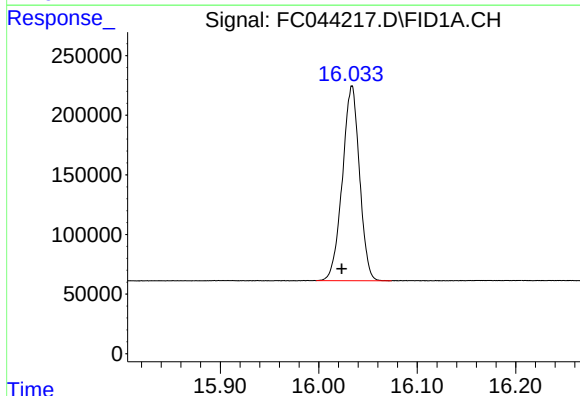
#13 n-Docosane (C22)

R.T.: 13.905 min
Delta R.T.: 0.010 min
Response: 2123573
Conc: 18.70 ug/ml



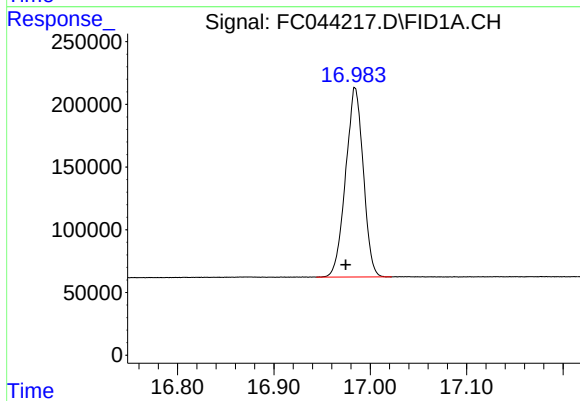
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.009 min
Response: 2062550
Conc: 18.24 ug/ml



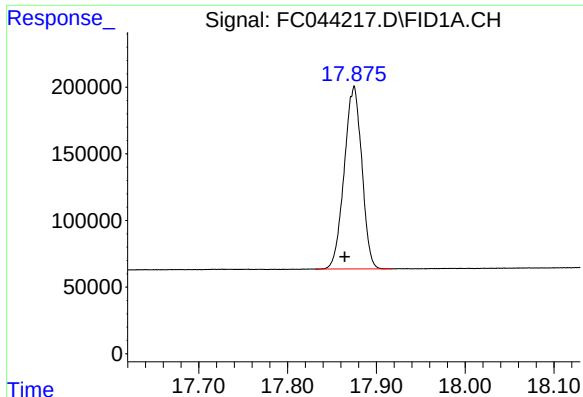
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.010 min
Response: 1975219
Conc: 17.85 ug/ml



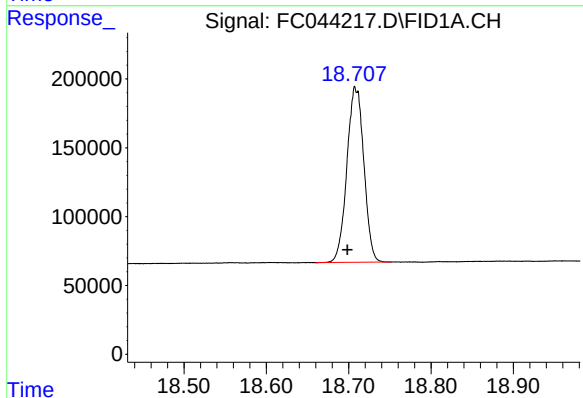
#16 n-Octacosane (C28)

R.T.: 16.984 min
Delta R.T.: 0.010 min
Response: 1913149
Conc: 17.66 ug/ml



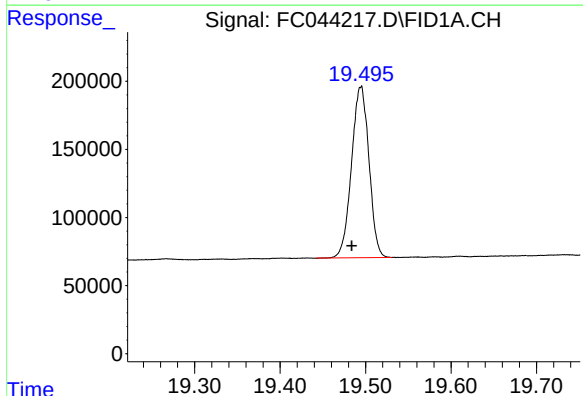
#17 n-Tricontane (C30)

R.T.: 17.875 min
Delta R.T.: 0.011 min
Response: 1884397
Conc: 17.81 ug/ml



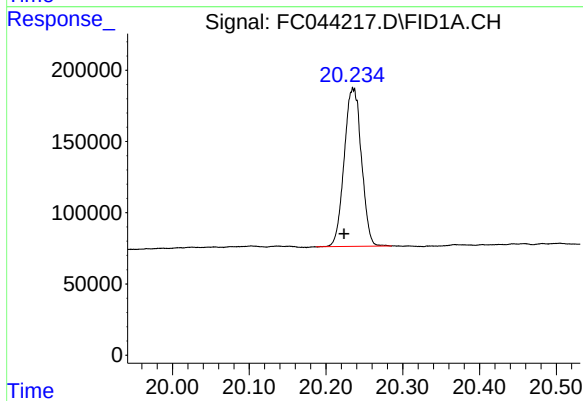
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: 0.009 min
Response: 1818633
Conc: 18.06 ug/ml



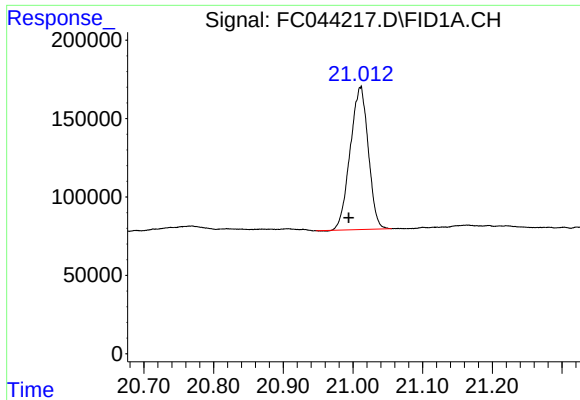
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.011 min
Response: 1783116
Conc: 19.02 ug/ml



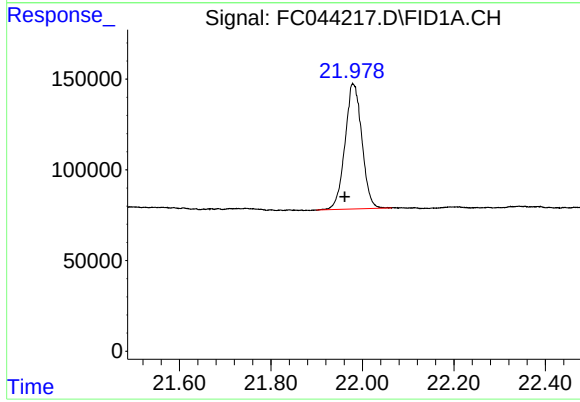
#20 n-Hexatriacontane (C36)

R.T.: 20.235 min
Delta R.T.: 0.012 min
Response: 1729842
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.011 min
Delta R.T.: 0.017 min
Response: 1640243
Conc: 20.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: 0.018 min
Response: 1761546
Conc: 20.84 ug/ml