

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111919AL\
 Data File : FC044647.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2019 1:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 20 02:15:36 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)	11.720	2426365	16.646 ug/ml
Spiked Amount 50.000		Recovery =	33.29%
12) S 1-chlorooctadecane (S...	13.149	1807780	16.168 ug/ml
Spiked Amount 50.000		Recovery =	32.34%
Target Compounds			
1) T n-Nonane (C9)	3.455	2297934	20.861 ug/ml
2) T n-Decane (C10)	4.531	2351278	21.169 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2578856	20.727 ug/ml
4) T n-Dodecane (C12)	6.555	2362946	21.011 ug/ml
5) T A~2-methylnaphthalene...	7.190	2579960	20.459 ug/ml
6) T n-Tetradecane (C14)	8.350	2340543	20.688 ug/ml
7) T n-Hexadecane (C16)	9.951	2313853	20.250 ug/ml
8) T n-Octadecane (C18)	11.393	2258281	19.724 ug/ml
10) T n-Eicosane (C20)	12.702	2184182	19.151 ug/ml
11) T n-Heneicosane (C21)	13.314	2158842	18.821 ug/ml
13) T n-Docosane (C22)	13.900	2108259	18.566 ug/ml
14) T n-Tetracosane (C24)	15.003	2059950	18.216 ug/ml
15) T n-Hexacosane (C26)	16.025	1986862	17.958 ug/ml
16) T n-Octacosane (C28)	16.973	1973278	18.216 ug/ml
17) T n-Tricontane (C30)	17.863	2008620	18.979 ug/ml
18) T n-Dotriacontane (C32)	18.695	1985865	19.718 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1964563	20.952 ug/ml
20) T n-Hexatriacontane (C36)	20.218	1918639	22.102 ug/ml
21) T n-Octatriacontane (C38)	20.987	1786801	22.158 ug/ml
22) T n-Tetracontane (C40)	21.951	1881772	22.262 ug/ml

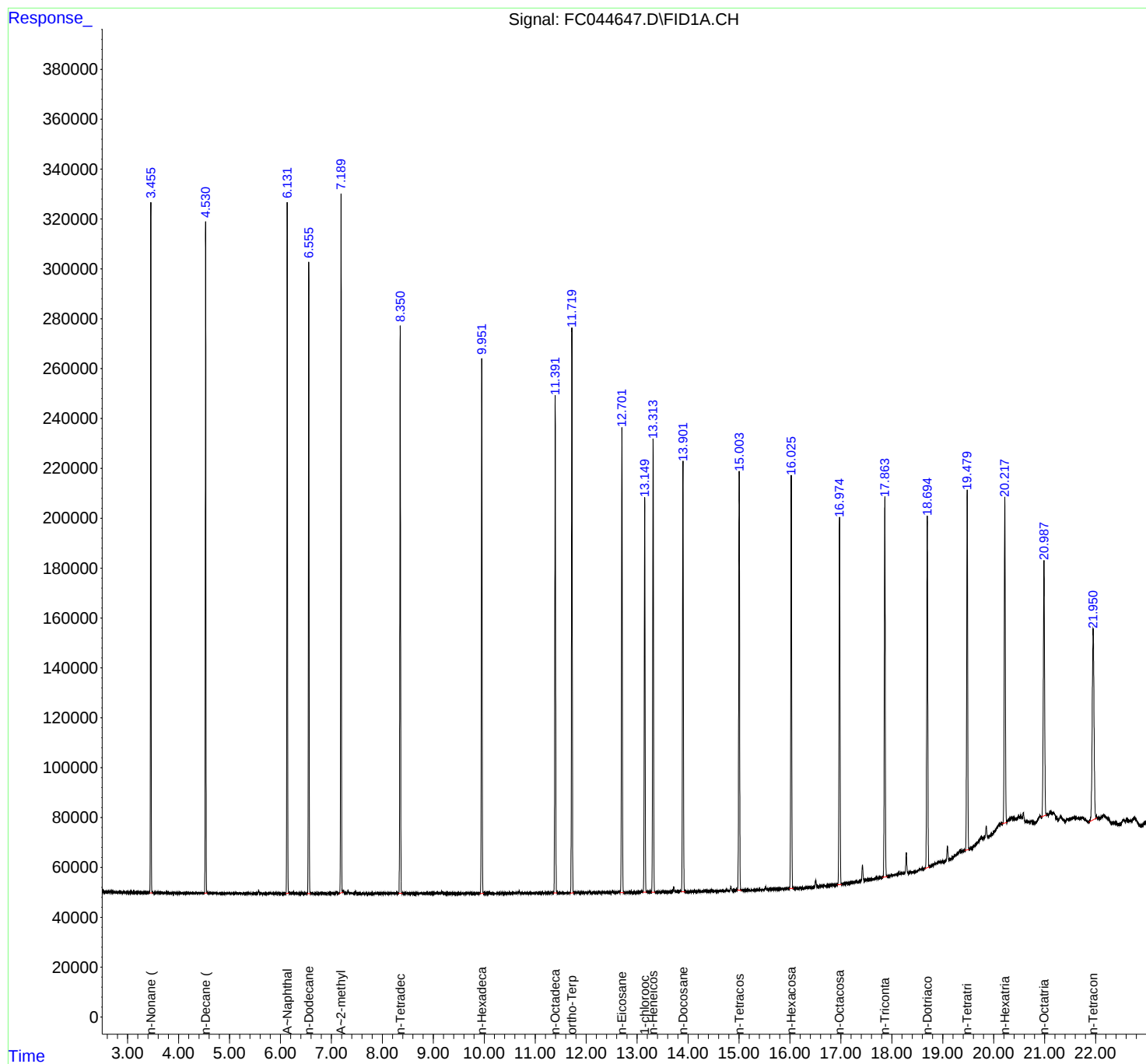
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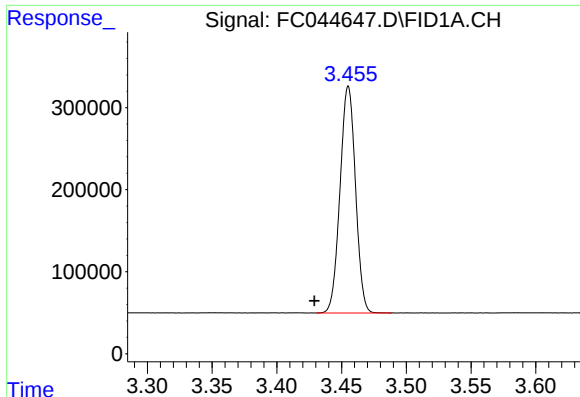
(m)=manual int.

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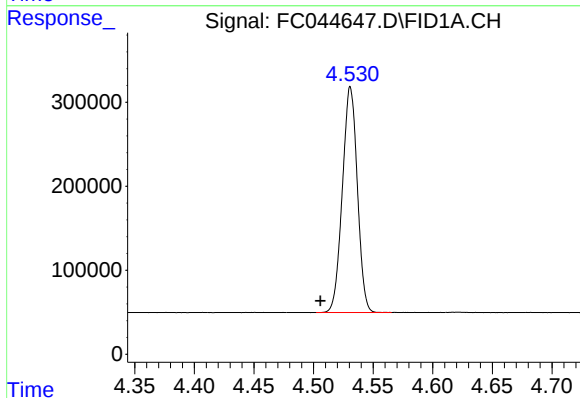
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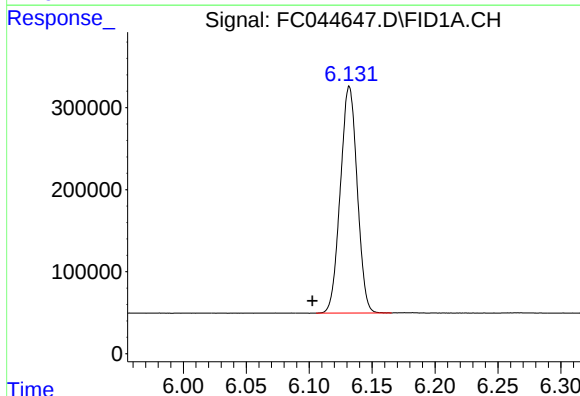
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: 0.026 min
Response: 2297934
Conc: 20.86 ug/ml



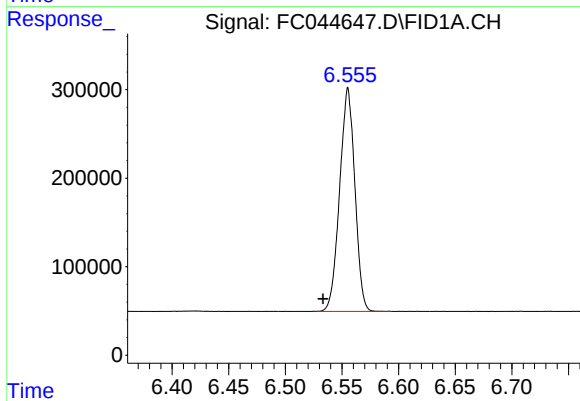
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.025 min
Response: 2351278
Conc: 21.17 ug/ml



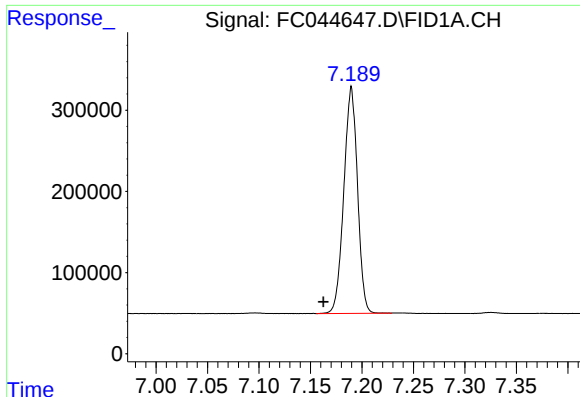
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: 0.029 min
Response: 2578856
Conc: 20.73 ug/ml



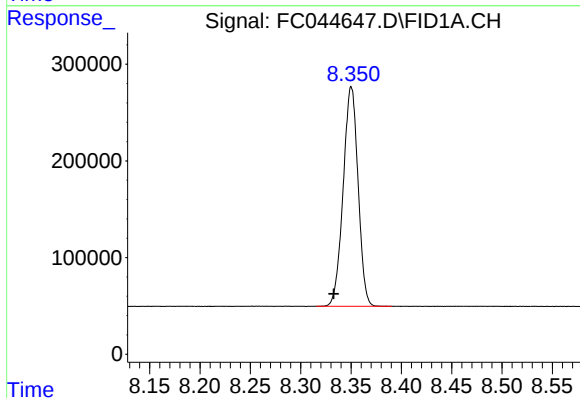
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: 0.022 min
Response: 2362946
Conc: 21.01 ug/ml



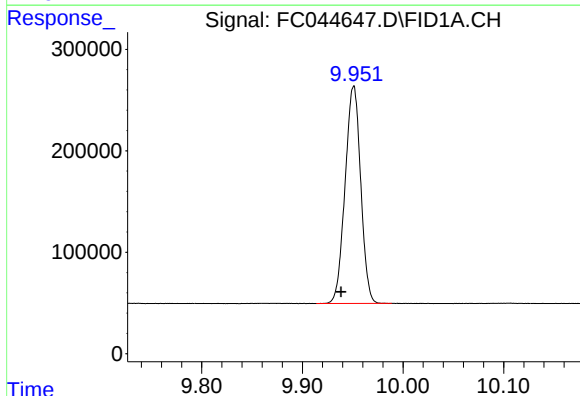
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: 0.027 min
Response: 2579960
Conc: 20.46 ug/ml



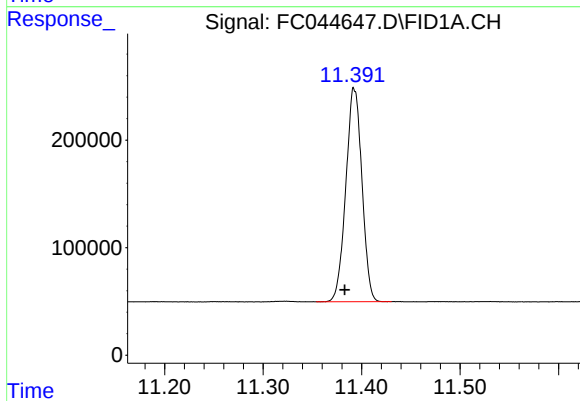
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.017 min
Response: 2340543
Conc: 20.69 ug/ml



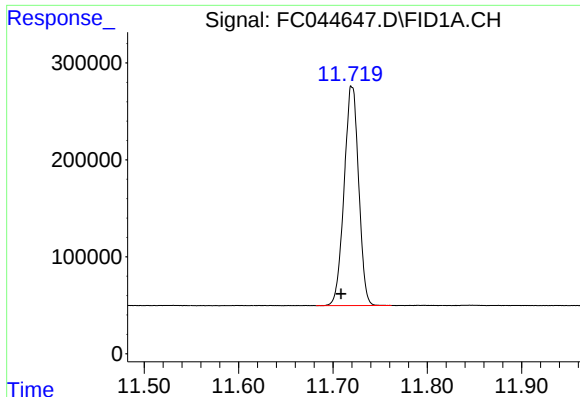
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.013 min
Response: 2313853
Conc: 20.25 ug/ml



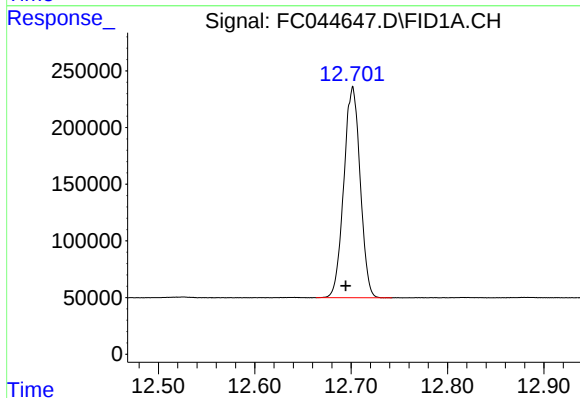
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.010 min
Response: 2258281
Conc: 19.72 ug/ml



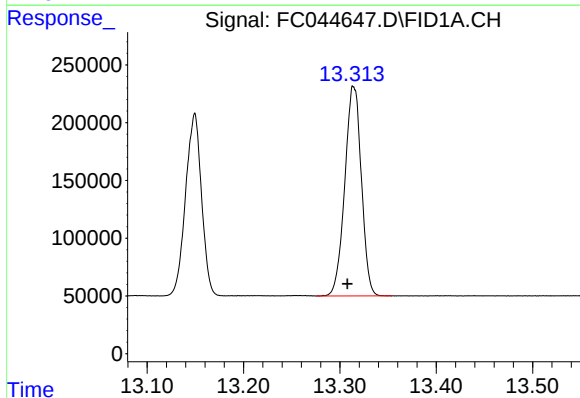
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.011 min
Response: 2426365
Conc: 16.65 ug/ml



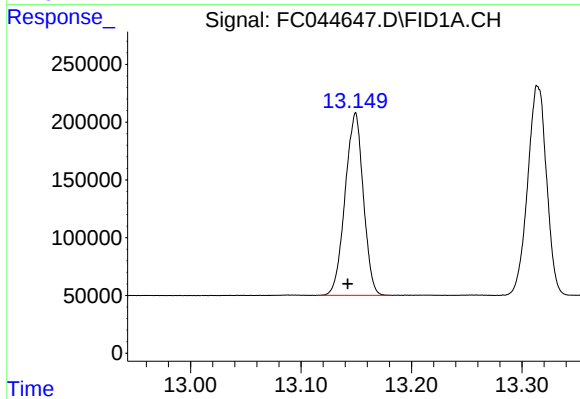
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.007 min
Response: 2184182
Conc: 19.15 ug/ml



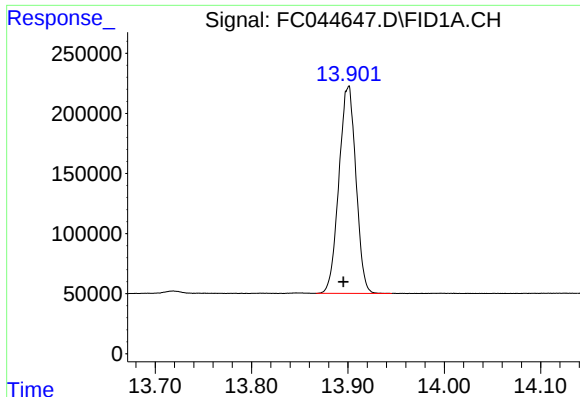
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: 0.007 min
Response: 2158842
Conc: 18.82 ug/ml



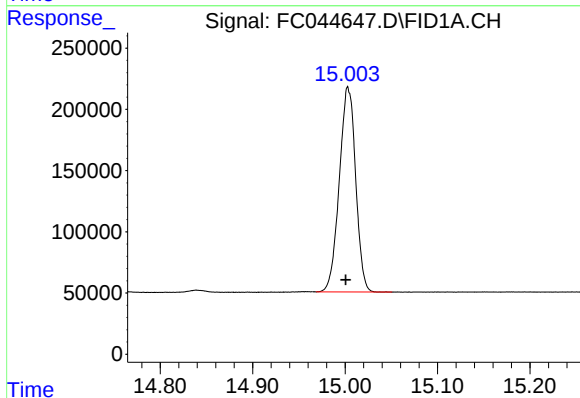
#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: 0.007 min
Response: 1807780
Conc: 16.17 ug/ml



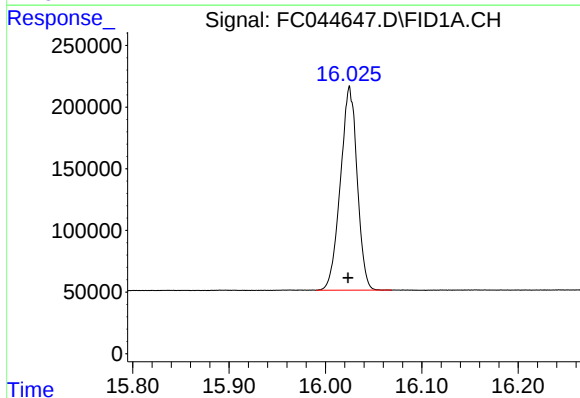
#13 n-Docosane (C22)

R.T.: 13.900 min
Delta R.T.: 0.005 min
Response: 2108259
Conc: 18.57 ug/ml



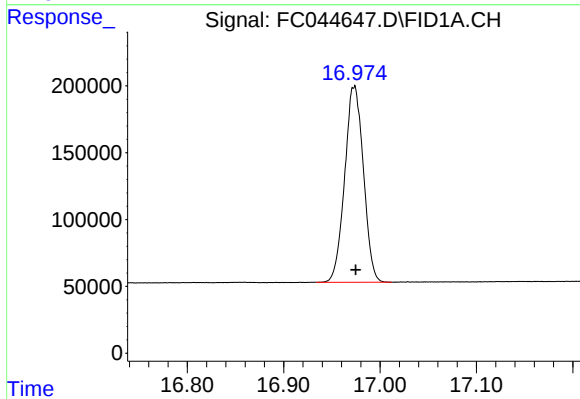
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: 0.002 min
Response: 2059950
Conc: 18.22 ug/ml



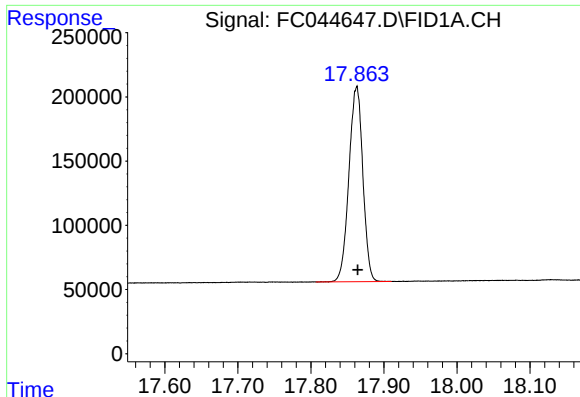
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 1986862
Conc: 17.96 ug/ml



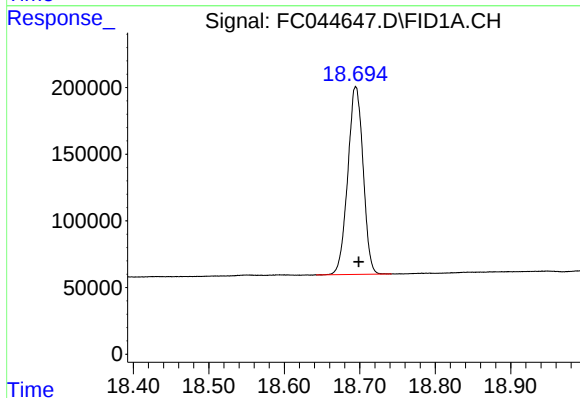
#16 n-Octacosane (C28)

R.T.: 16.973 min
Delta R.T.: -0.002 min
Response: 1973278
Conc: 18.22 ug/ml



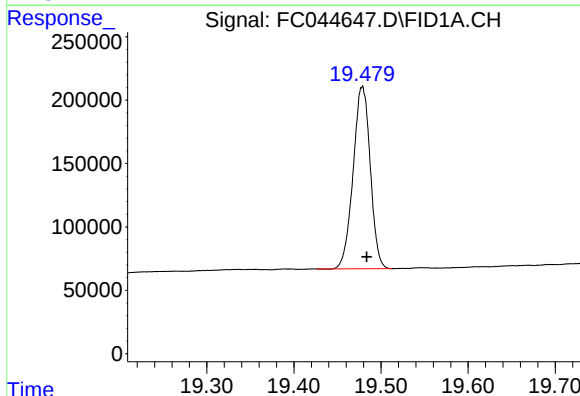
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.002 min
Response: 2008620
Conc: 18.98 ug/ml



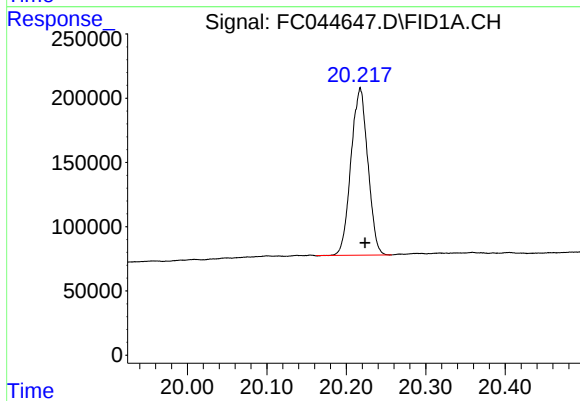
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: -0.004 min
Response: 1985865
Conc: 19.72 ug/ml



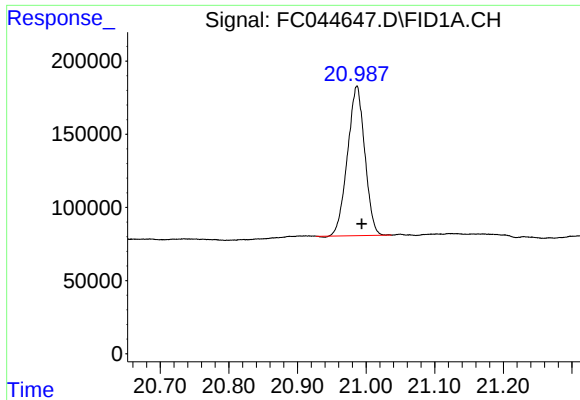
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.005 min
Response: 1964563
Conc: 20.95 ug/ml



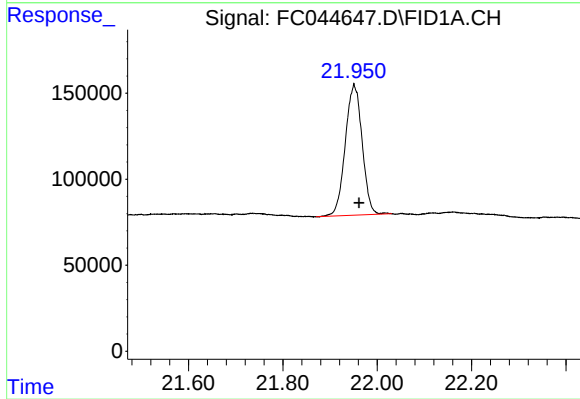
#20 n-Hexatriacontane (C36)

R.T.: 20.218 min
Delta R.T.: -0.006 min
Response: 1918639
Conc: 22.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.007 min
Response: 1786801
Conc: 22.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.011 min
Response: 1881772
Conc: 22.26 ug/ml