

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110619AL\
 Data File : FC044354.D
 Signal(s) : FID1A.CH
 Acq On : 06 Nov 2019 10:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 07 00:58:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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	2287857	15.696 ug/ml
Spiked Amount 50.000		Recovery =	31.39%
12) S 1-chlorooctadecane (S...	13.150	1720362	15.386 ug/ml
Spiked Amount 50.000		Recovery =	30.77%
Target Compounds			
1) T n-Nonane (C9)	3.451	2241592	20.349 ug/ml
2) T n-Decane (C10)	4.527	2253351	20.288 ug/ml
3) T A-Naphthalene (C11.7)	6.127	2487823	19.995 ug/ml
4) T n-Dodecane (C12)	6.553	2262621	20.119 ug/ml
5) T A~2-methylnaphthalene...	7.185	2484495	19.702 ug/ml
6) T n-Tetradecane (C14)	8.349	2238727	19.788 ug/ml
7) T n-Hexadecane (C16)	9.950	2196744	19.225 ug/ml
8) T n-Octadecane (C18)	11.392	2138924	18.682 ug/ml
10) T n-Eicosane (C20)	12.703	2058024	18.045 ug/ml
11) T n-Heneicosane (C21)	13.315	2029289	17.692 ug/ml
13) T n-Docosane (C22)	13.902	1978127	17.420 ug/ml
14) T n-Tetracosane (C24)	15.006	1911985	16.908 ug/ml
15) T n-Hexacosane (C26)	16.030	1838309	16.615 ug/ml
16) T n-Octacosane (C28)	16.980	1799511	16.612 ug/ml
17) T n-Tricontane (C30)	17.870	1806484	17.069 ug/ml
18) T n-Dotriacontane (C32)	18.703	1783799	17.712 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1782450	19.010 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1753576	20.200 ug/ml
21) T n-Octatriacontane (C38)	20.999	1675491	20.777 ug/ml
22) T n-Tetracontane (C40)	21.969	1729403	20.460 ug/ml

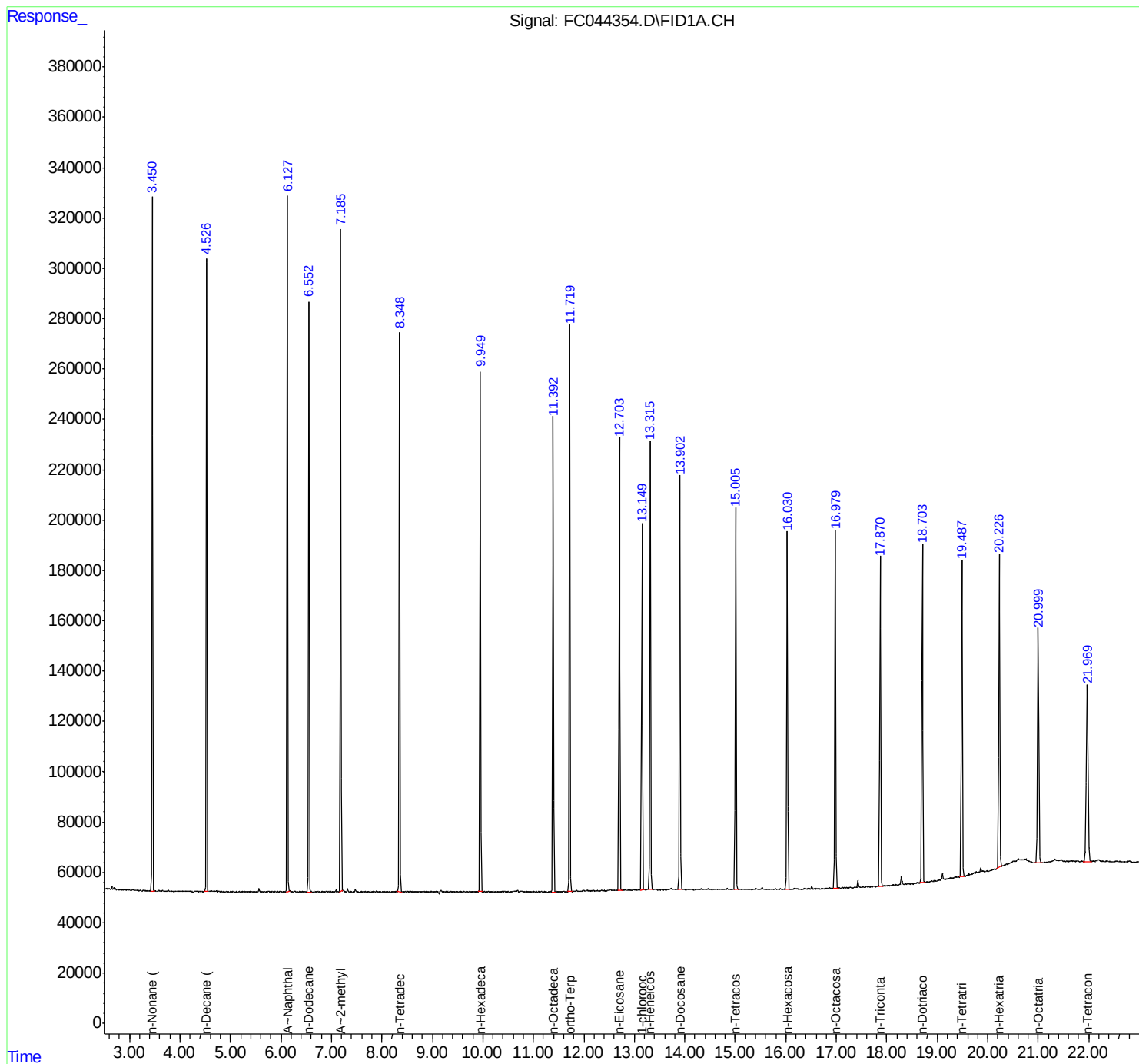
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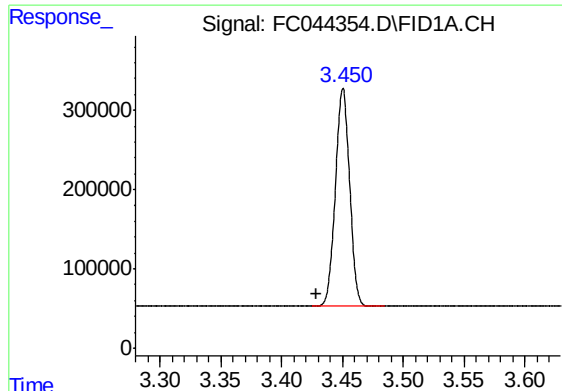
(m)=manual int.

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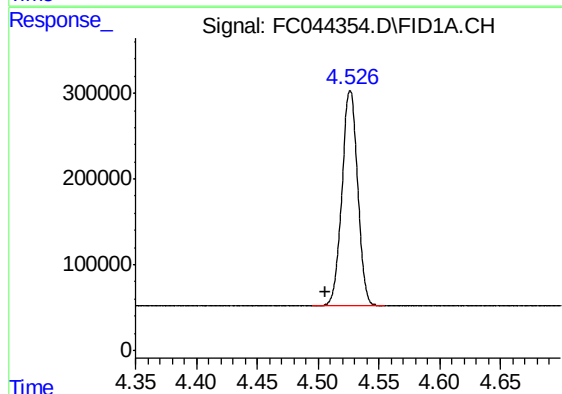
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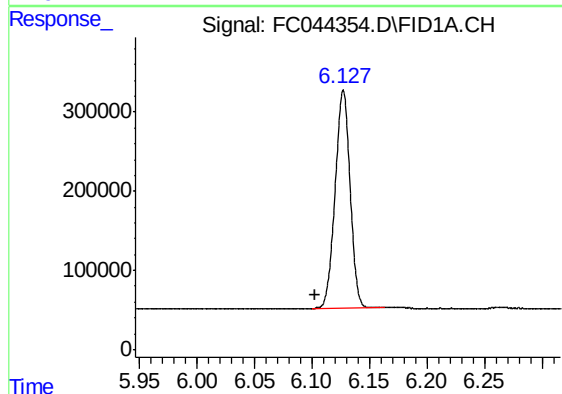
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.022 min
Response: 2241592
Conc: 20.35 ug/ml



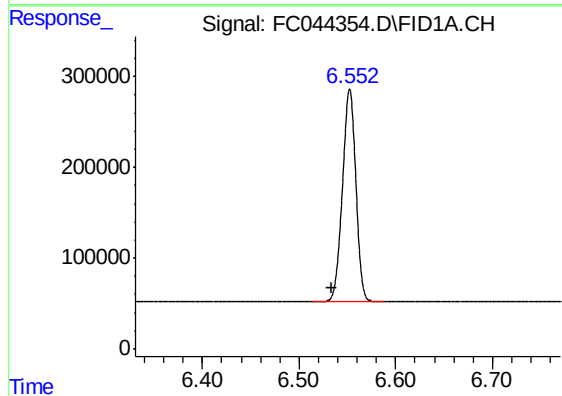
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.021 min
Response: 2253351
Conc: 20.29 ug/ml



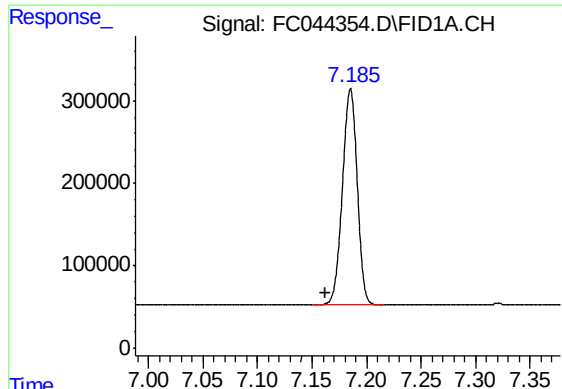
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.025 min
Response: 2487823
Conc: 20.00 ug/ml



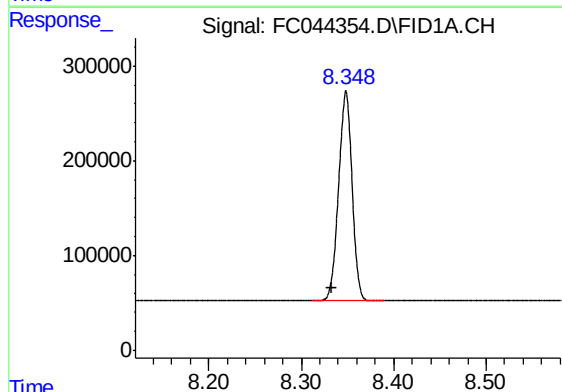
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.019 min
Response: 2262621
Conc: 20.12 ug/ml



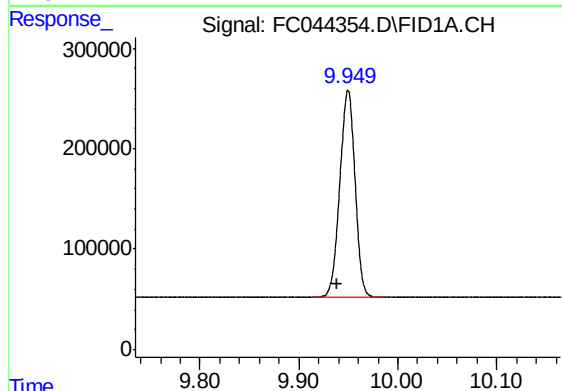
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 2484495
Conc: 19.70 ug/ml



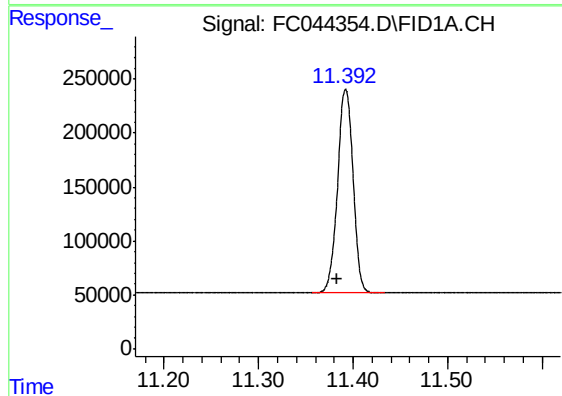
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2238727
Conc: 19.79 ug/ml



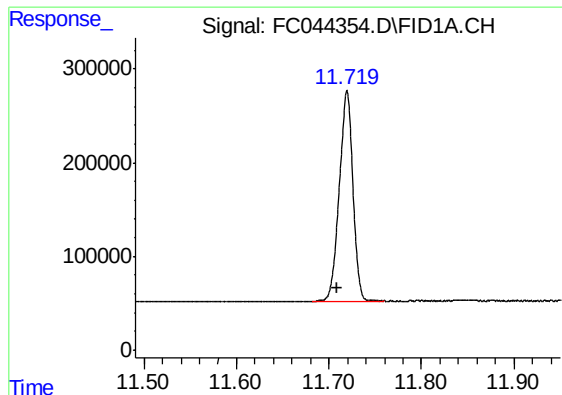
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.012 min
Response: 2196744
Conc: 19.23 ug/ml



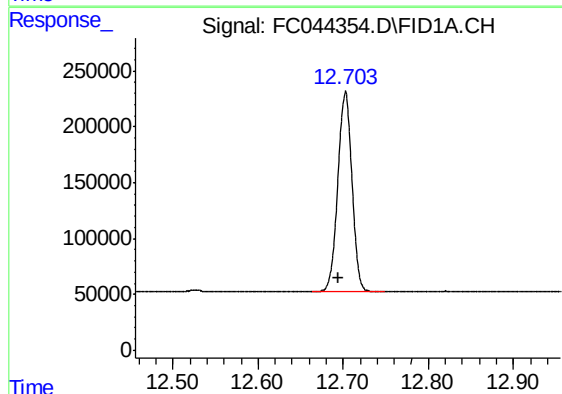
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: 0.009 min
Response: 2138924
Conc: 18.68 ug/ml



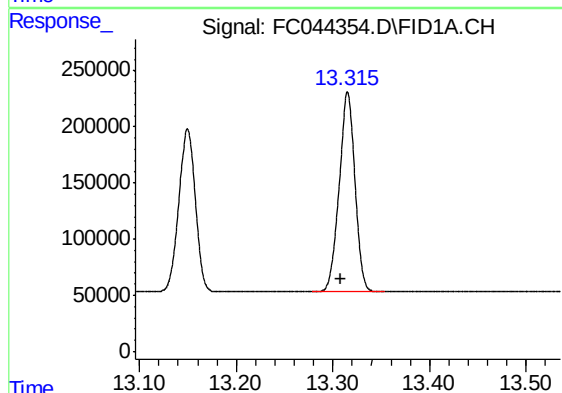
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.011 min
Response: 2287857
Conc: 15.70 ug/ml



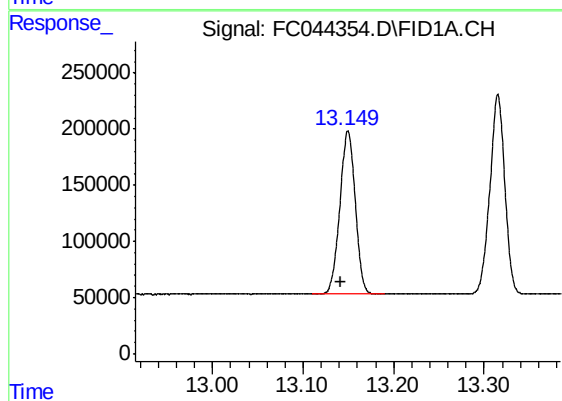
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.008 min
Response: 2058024
Conc: 18.05 ug/ml



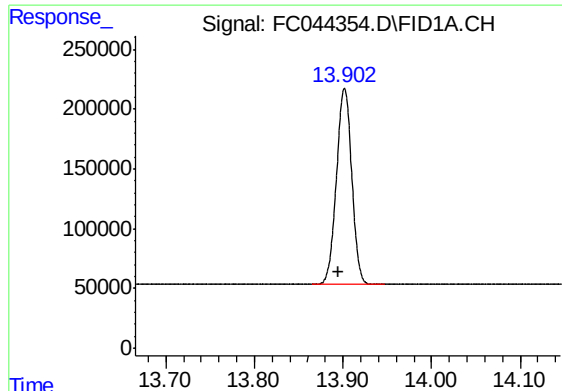
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.007 min
Response: 2029289
Conc: 17.69 ug/ml



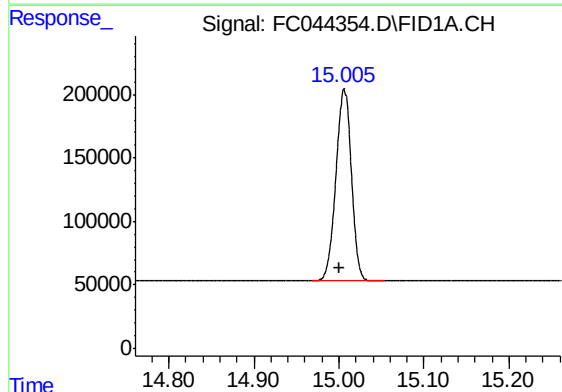
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.007 min
Response: 1720362
Conc: 15.39 ug/ml



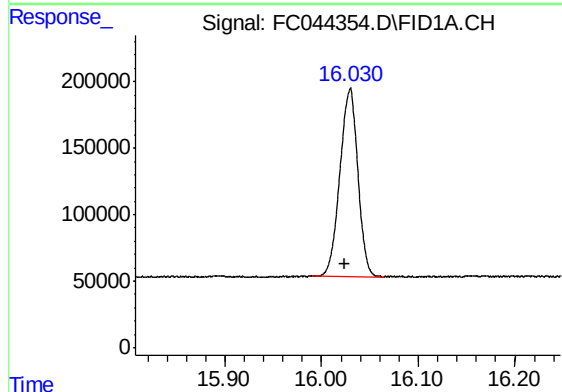
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.006 min
Response: 1978127
Conc: 17.42 ug/ml



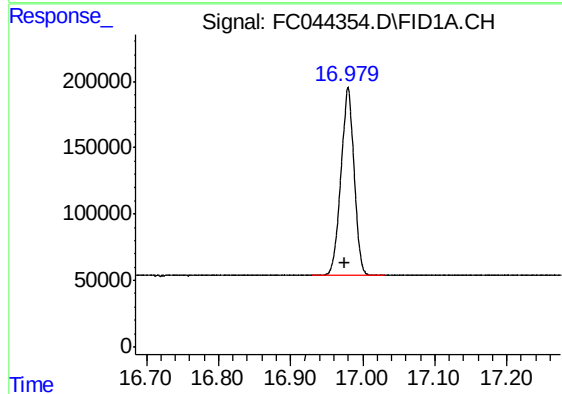
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: 0.005 min
Response: 1911985
Conc: 16.91 ug/ml



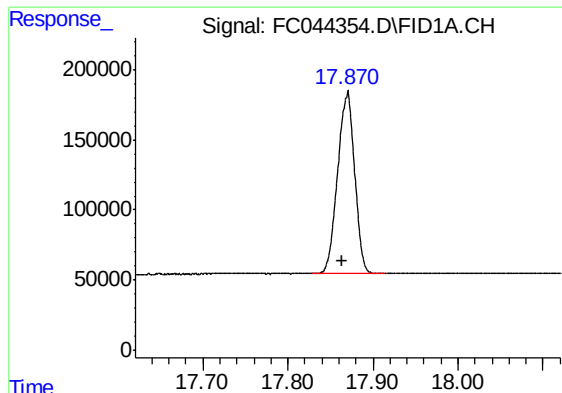
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.006 min
Response: 1838309
Conc: 16.62 ug/ml



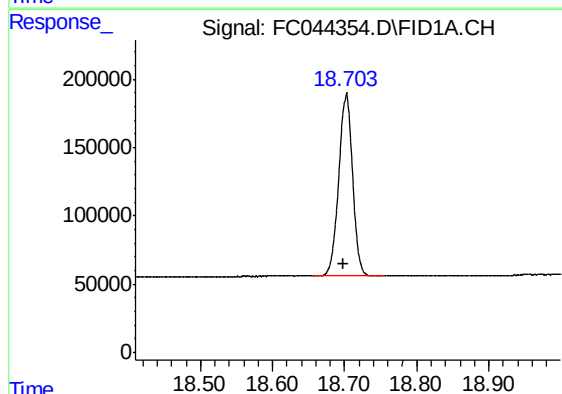
#16 n-Octacosane (C28)

R.T.: 16.980 min
Delta R.T.: 0.005 min
Response: 1799511
Conc: 16.61 ug/ml



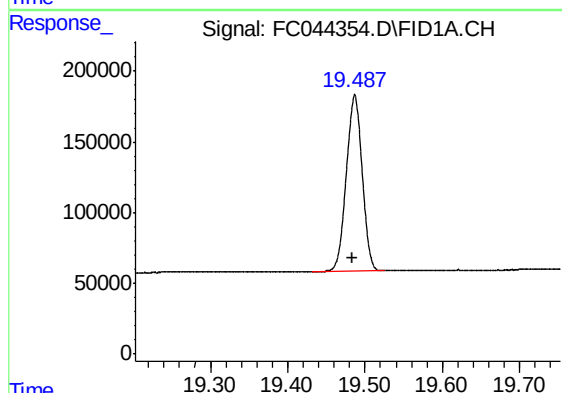
#17 n-Tricontane (C30)

R.T.: 17.870 min
Delta R.T.: 0.006 min
Response: 1806484
Conc: 17.07 ug/ml



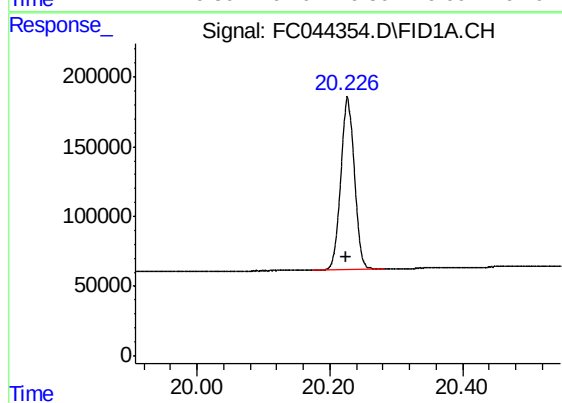
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: 0.004 min
Response: 1783799
Conc: 17.71 ug/ml



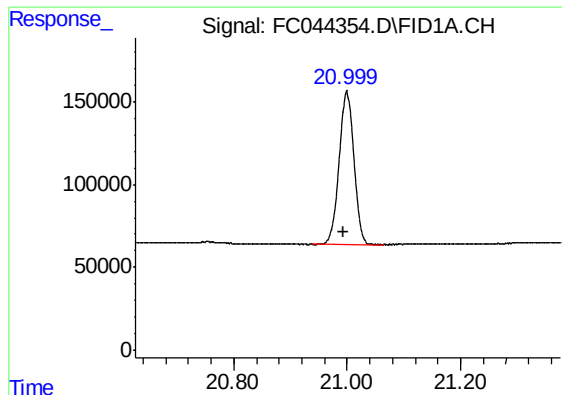
#19 n-Tetatriacontane (C34)

R.T.: 19.487 min
Delta R.T.: 0.003 min
Response: 1782450
Conc: 19.01 ug/ml



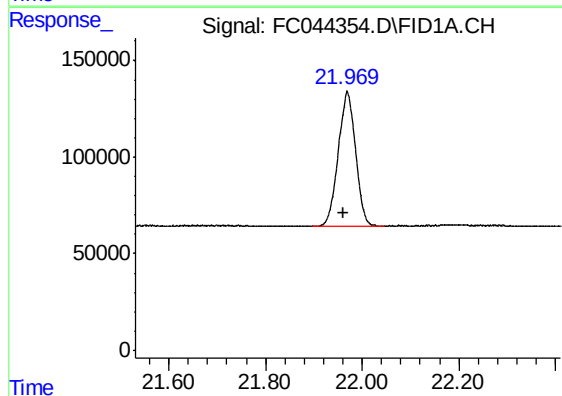
#20 n-Hexatriacontane (C36)

R.T.: 20.227 min
Delta R.T.: 0.003 min
Response: 1753576
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: 0.005 min
Response: 1675491
Conc: 20.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.008 min
Response: 1729403
Conc: 20.46 ug/ml