

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110420AL\
 Data File : FC050589.D
 Signal(s) : FID1A.CH
 Acq On : 05 Nov 2020 10:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 05 11:11:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 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)	11.623	2250774	18.325 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
12) S 1-chlorooctadecane (S...	13.056	1758678	18.215 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.370	2196044	20.639 ug/ml
2) T n-Decane (C10)	4.440	2217422	20.850 ug/ml
3) T A~Naphthalene (C11.7)	6.035	2362264	20.513 ug/ml
4) T n-Dodecane (C12)	6.461	2243637	20.693 ug/ml
5) T A~2-methylnaphthalene...	7.094	2369837	20.656 ug/ml
6) T n-Tetradecane (C14)	8.258	2205629	20.449 ug/ml
7) T n-Hexadecane (C16)	9.859	2138740	20.091 ug/ml
8) T n-Octadecane (C18)	11.302	2184812	19.422 ug/ml
10) T n-Eicosane (C20)	12.610	2137982	18.732 ug/ml
11) T n-Heneicosane (C21)	13.222	2091557	18.334 ug/ml
13) T n-Docosane (C22)	13.808	2062090	18.069 ug/ml
14) T n-Tetracosane (C24)	14.911	2002930	17.539 ug/ml
15) T n-Hexacosane (C26)	15.931	1930483	17.026 ug/ml
16) T n-Octacosane (C28)	16.880	1905652	16.794 ug/ml
17) T n-Tricontane (C30)	17.766	1871345	16.831 ug/ml
18) T n-Dotriacontane (C32)	18.599	1763393	17.093 ug/ml
19) T n-Tetratriacontane (C34)	19.380	1664357	17.297 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1617671	18.006 ug/ml
21) T n-Octatriacontane (C38)	20.865	1500480	18.046 ug/ml
22) T n-Tetracontane (C40)	21.799	1603127	19.157 ug/ml

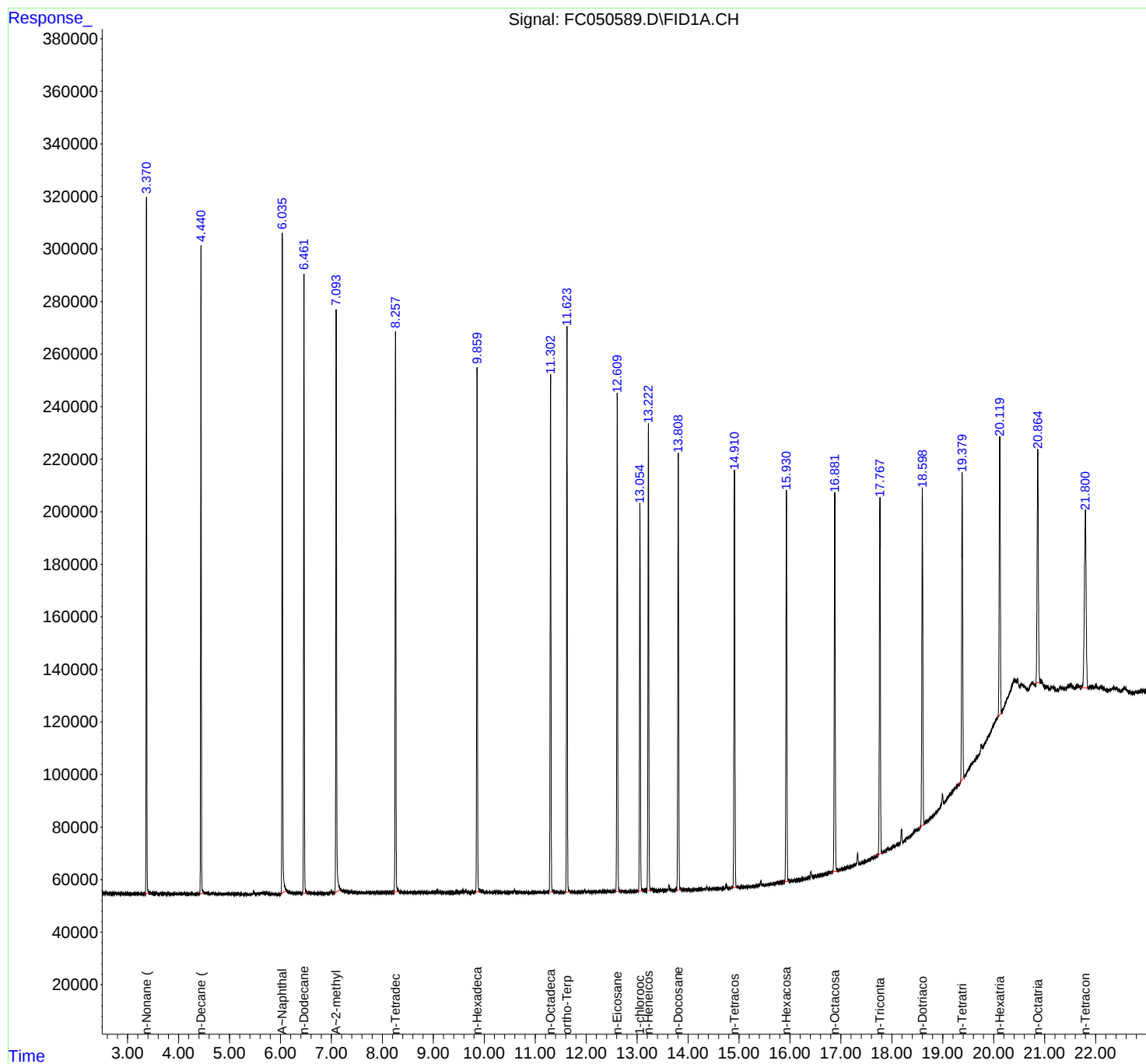
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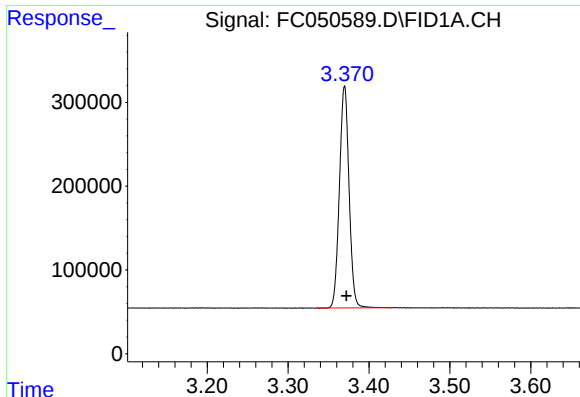
(m)=manual int.

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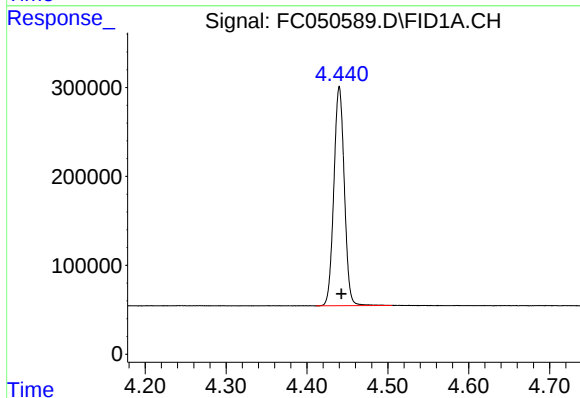
Volume Inj. : 1 ul
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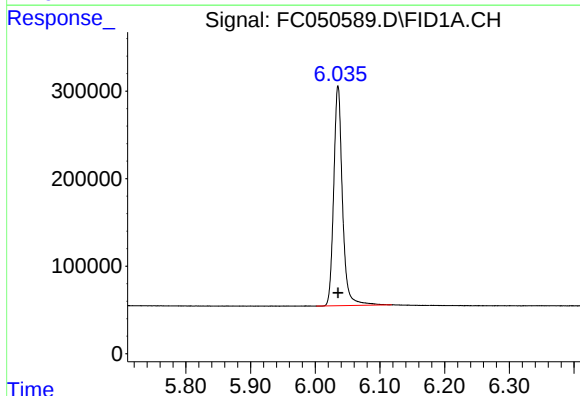
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: -0.002 min
Response: 2196044
Conc: 20.64 ug/ml



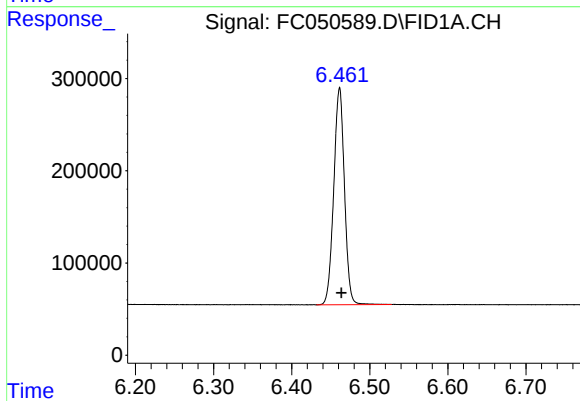
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.003 min
Response: 2217422
Conc: 20.85 ug/ml



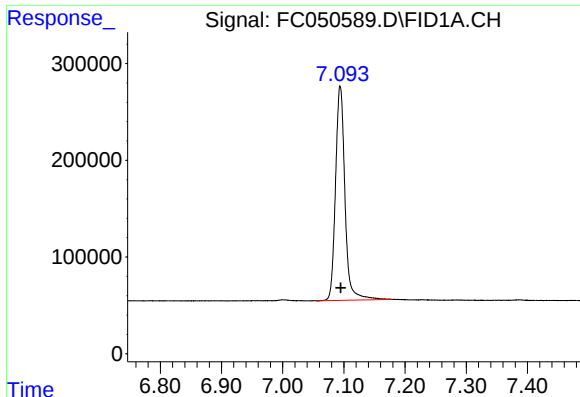
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2362264
Conc: 20.51 ug/ml



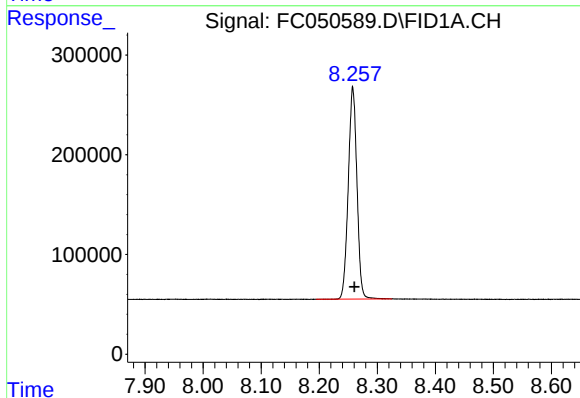
#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 2243637
Conc: 20.69 ug/ml



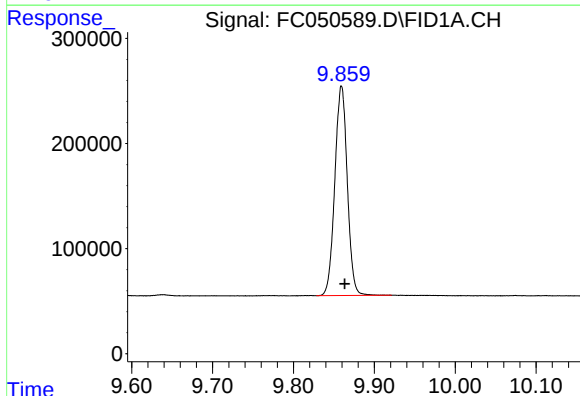
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 2369837
Conc: 20.66 ug/ml



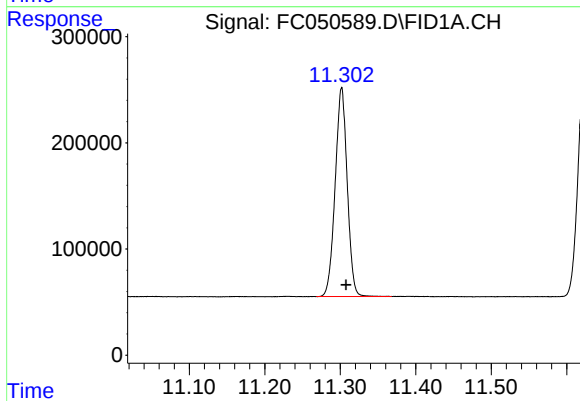
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.003 min
Response: 2205629
Conc: 20.45 ug/ml



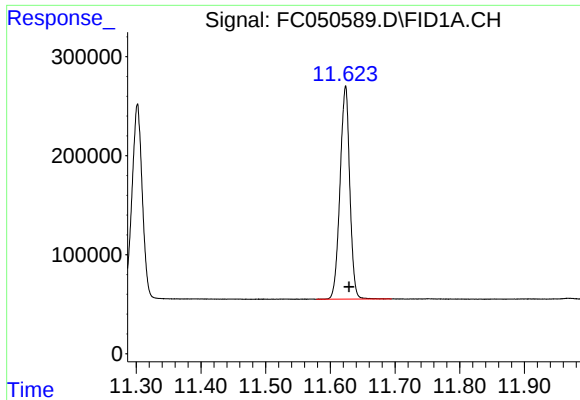
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.004 min
Response: 2138740
Conc: 20.09 ug/ml



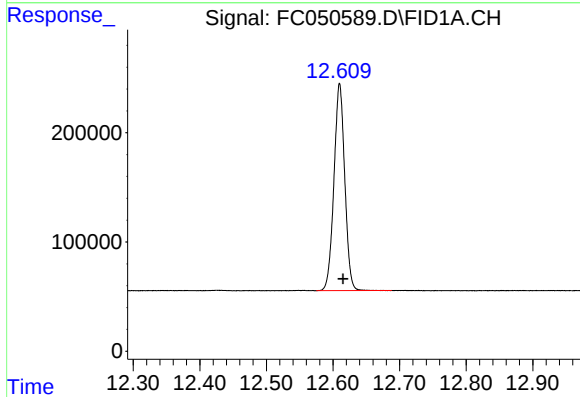
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.006 min
Response: 2184812
Conc: 19.42 ug/ml



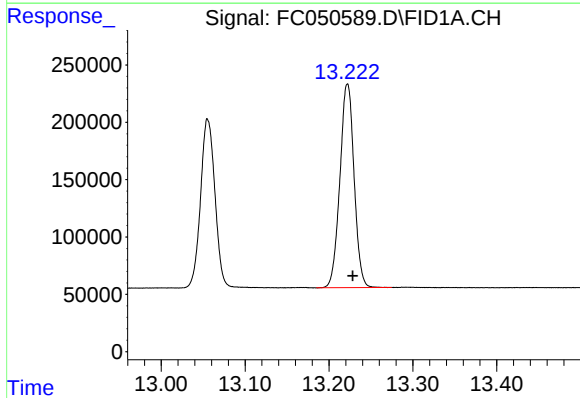
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.006 min
Response: 2250774
Conc: 18.32 ug/ml



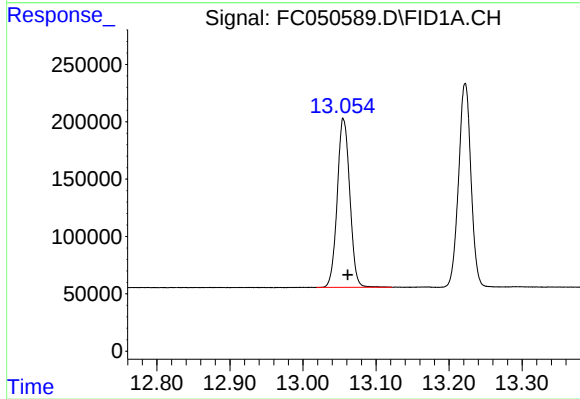
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.005 min
Response: 2137982
Conc: 18.73 ug/ml



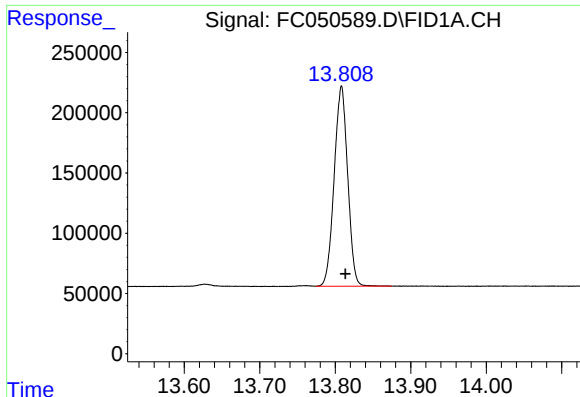
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: -0.006 min
Response: 2091557
Conc: 18.33 ug/ml



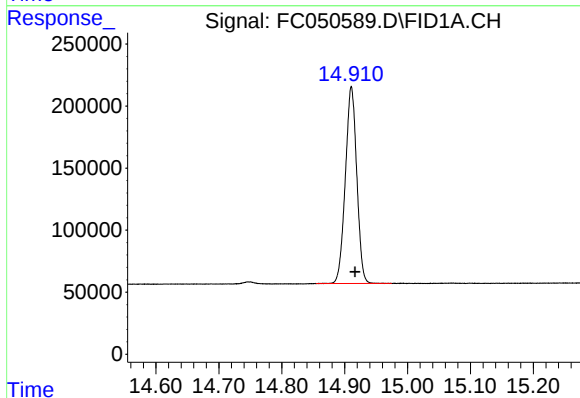
#12 1-chlorooctadecane (SURR)

R.T.: 13.056 min
Delta R.T.: -0.006 min
Response: 1758678
Conc: 18.22 ug/ml



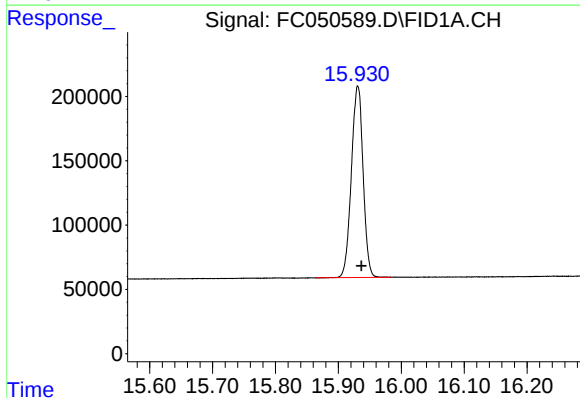
#13 n-Docosane (C22)

R.T.: 13.808 min
Delta R.T.: -0.006 min
Response: 2062090
Conc: 18.07 ug/ml



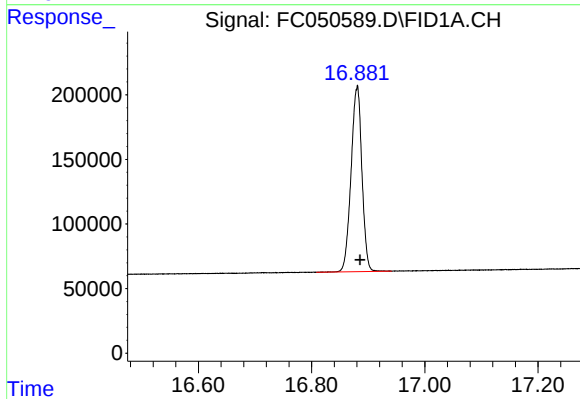
#14 n-Tetracosane (C24)

R.T.: 14.911 min
Delta R.T.: -0.006 min
Response: 2002930
Conc: 17.54 ug/ml



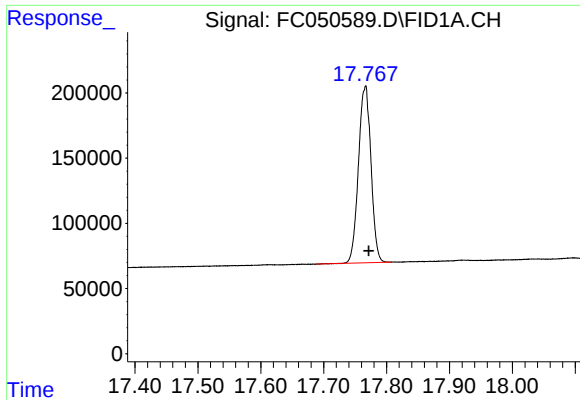
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: -0.006 min
Response: 1930483
Conc: 17.03 ug/ml



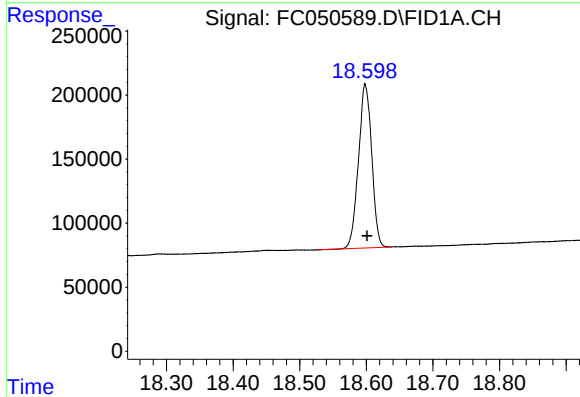
#16 n-Octacosane (C28)

R.T.: 16.880 min
Delta R.T.: -0.005 min
Response: 1905652
Conc: 16.79 ug/ml



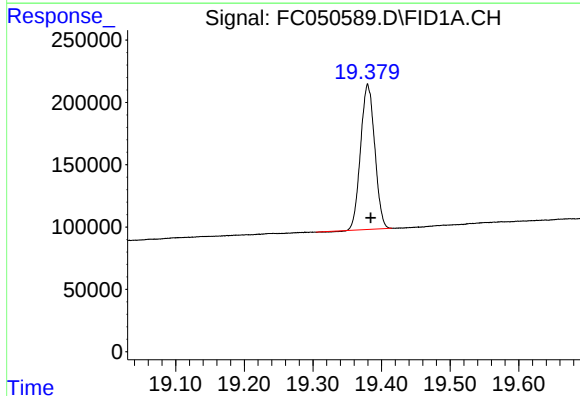
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: -0.006 min
Response: 1871345
Conc: 16.83 ug/ml



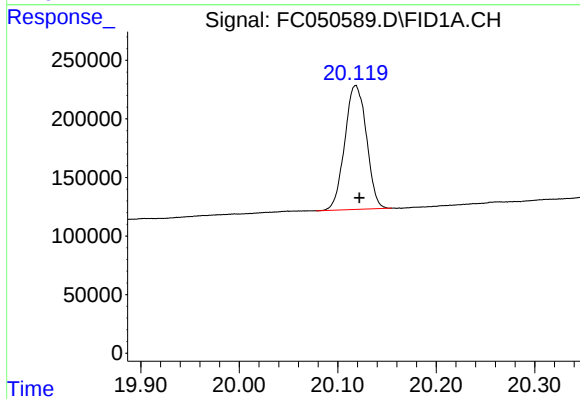
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.002 min
Response: 1763393
Conc: 17.09 ug/ml



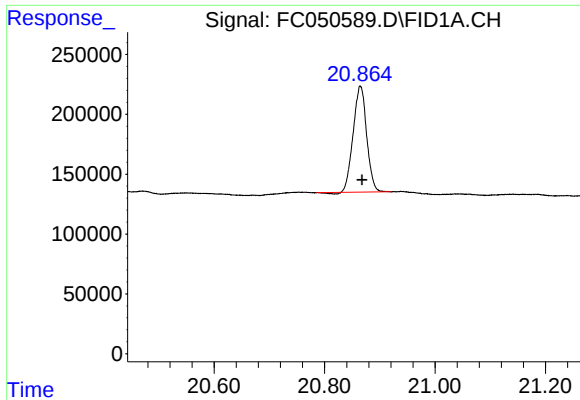
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.004 min
Response: 1664357
Conc: 17.30 ug/ml



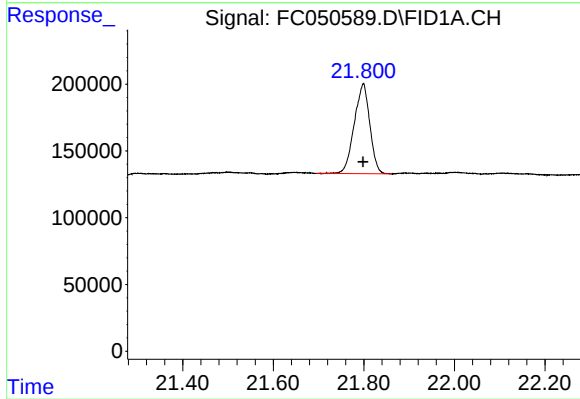
#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.004 min
Response: 1617671
Conc: 18.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.003 min
Response: 1500480
Conc: 18.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: 0.000 min
Response: 1603127
Conc: 19.16 ug/ml