

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092021AL\
 Data File : FC055709.D
 Signal(s) : FID1A.CH
 Acq On : 20 Sep 2021 18:06
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 03:16:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 2021
 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)	11.651	2483482	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	13.084	1954495	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T n-Nonane (C9)	3.400	2181501	19.629 ug/ml
2) T n-Decane (C10)	4.468	2196846	19.613 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2461626	19.609 ug/ml
4) T n-Dodecane (C12)	6.489	2188474	19.557 ug/ml
5) T A~2-methylnaphthalene...	7.118	2475869	19.582 ug/ml
6) T n-Tetradecane (C14)	8.285	2214904	19.567 ug/ml
7) T n-Hexadecane (C16)	9.886	2231254	19.529 ug/ml
8) T n-Octadecane (C18)	11.328	2328911	19.627 ug/ml
10) T n-Eicosane (C20)	12.637	2324223	19.690 ug/ml
11) T n-Heneicosane (C21)	13.250	2362065	19.798 ug/ml
13) T n-Docosane (C22)	13.836	2354178	19.871 ug/ml
14) T n-Tetracosane (C24)	14.937	2370071	20.030 ug/ml
15) T n-Hexacosane (C26)	15.956	2309690	20.270 ug/ml
16) T n-Octacosane (C28)	16.904	2226108	20.465 ug/ml
17) T n-Tricontane (C30)	17.789	2085170	20.613 ug/ml
18) T n-Dotriacontane (C32)	18.620	1878367	20.557 ug/ml
19) T n-Tetratriacontane (C34)	19.402	1720712	19.925 ug/ml
20) T n-Hexatriacontane (C36)	20.141	1658884	19.504 ug/mlm
21) T n-Octatriacontane (C38)	20.881	1551717	20.385 ug/ml
22) T n-Tetracontane (C40)	21.811	1422310	20.305 ug/ml

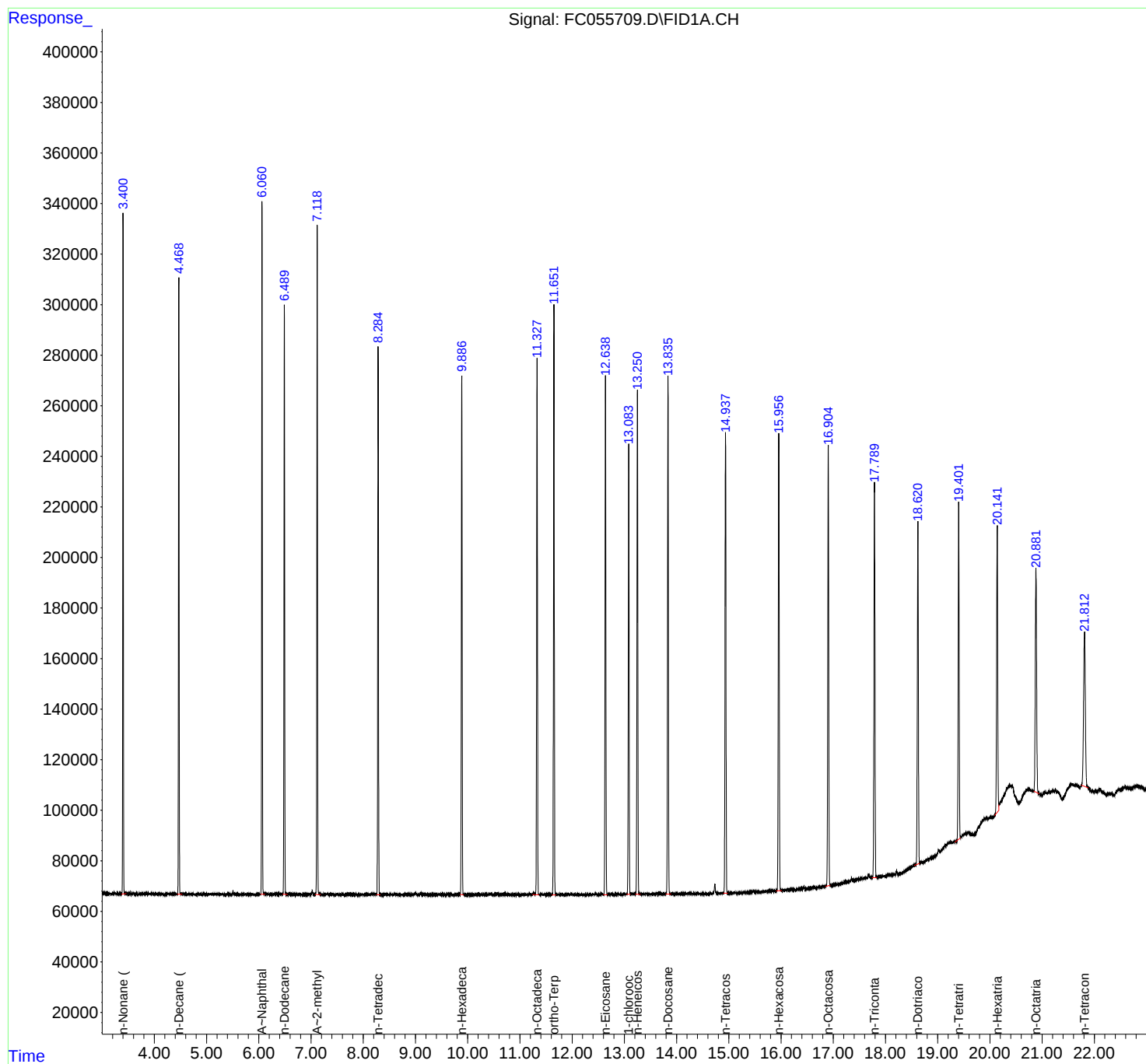
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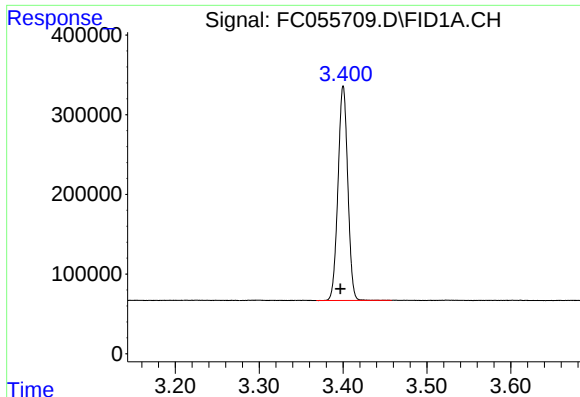
(m)=manual int.

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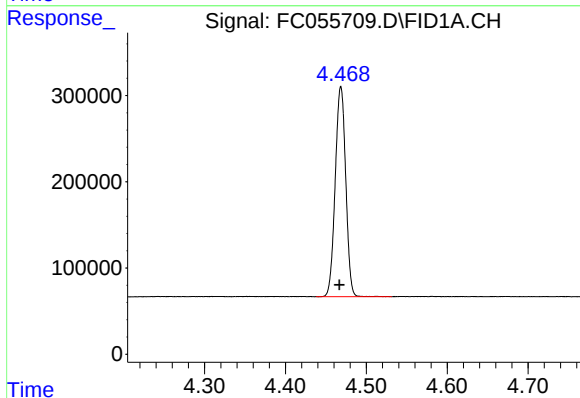
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Signal Info : 20M x 0.18mm x 0.18um





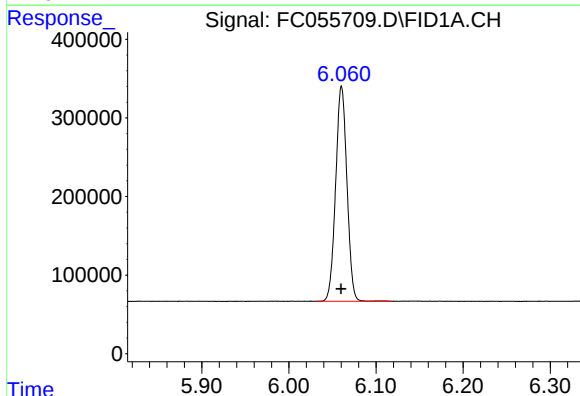
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: 0.003 min
Response: 2181501
Conc: 19.63 ug/ml



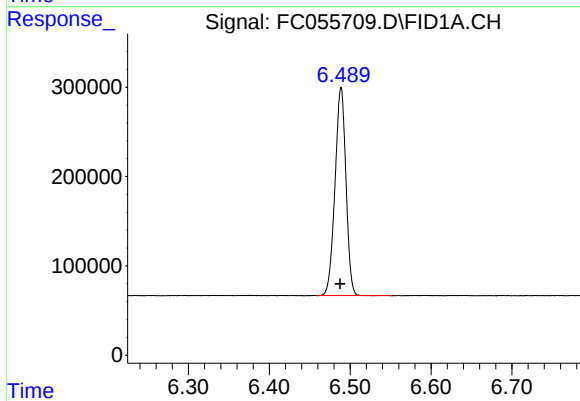
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.002 min
Response: 2196846
Conc: 19.61 ug/ml



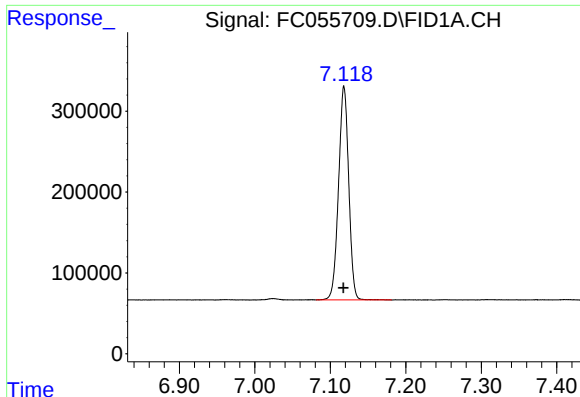
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2461626
Conc: 19.61 ug/ml



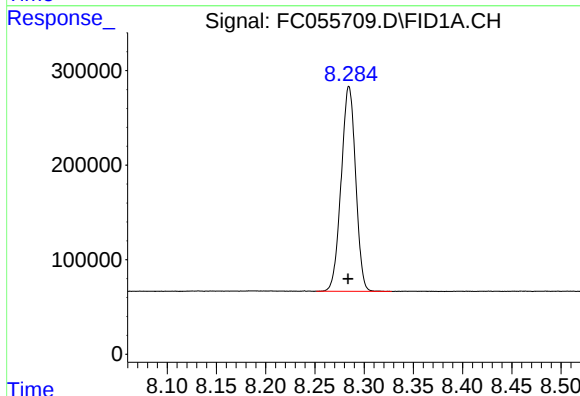
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: 0.001 min
Response: 2188474
Conc: 19.56 ug/ml



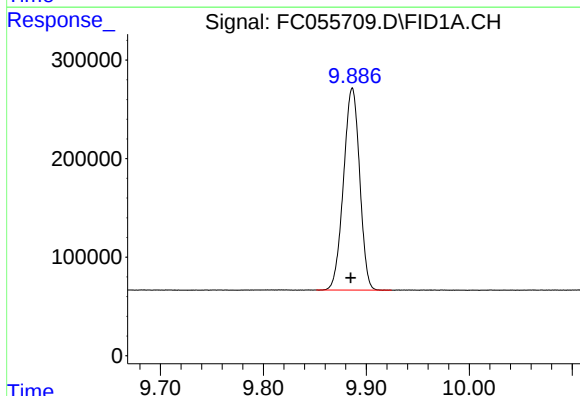
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 2475869
Conc: 19.58 ug/ml



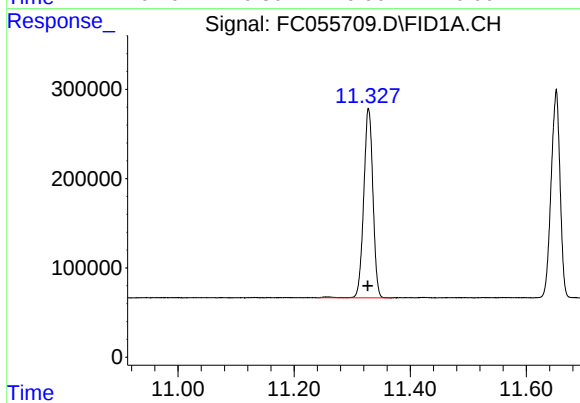
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 2214904
Conc: 19.57 ug/ml



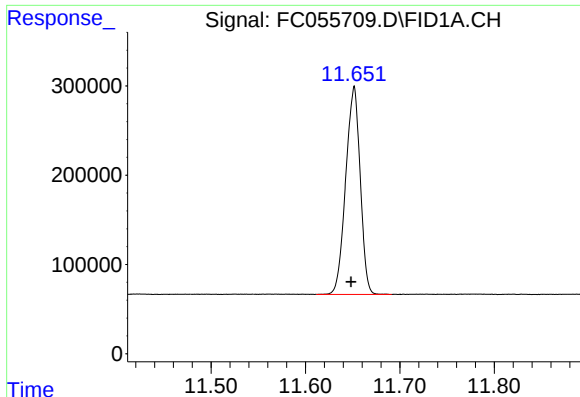
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: 0.002 min
Response: 2231254
Conc: 19.53 ug/ml



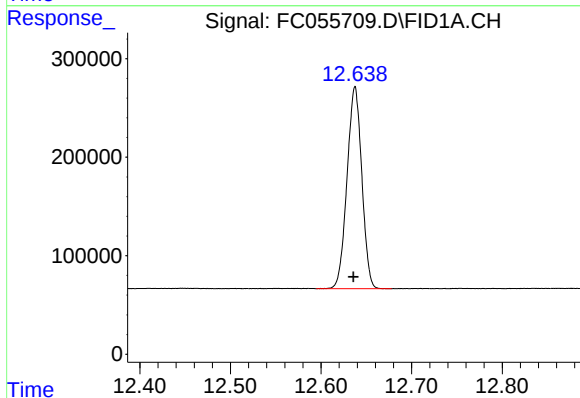
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: 0.001 min
Response: 2328911
Conc: 19.63 ug/ml



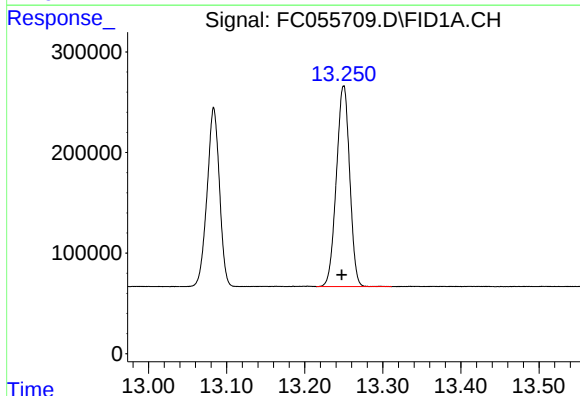
#9 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.003 min
Response: 2483482
Conc: 19.67 ug/ml



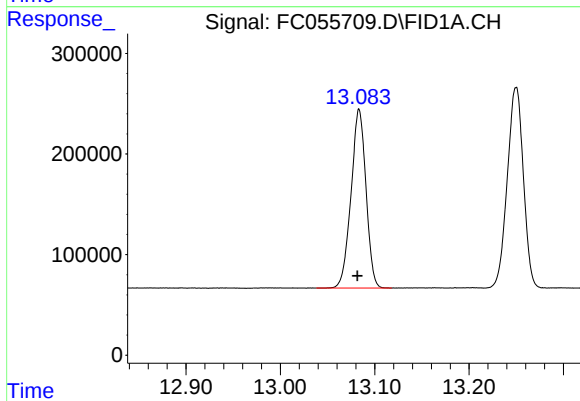
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.002 min
Response: 2324223
Conc: 19.69 ug/ml



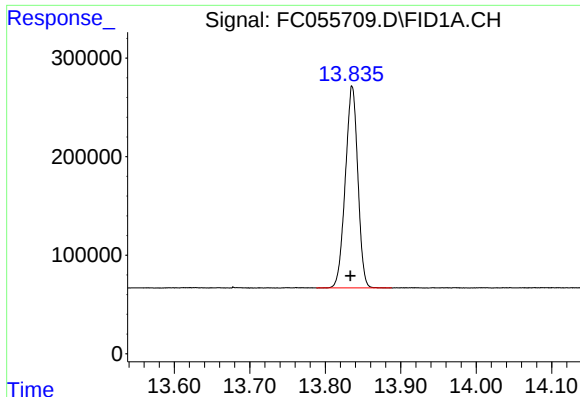
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: 0.002 min
Response: 2362065
Conc: 19.80 ug/ml



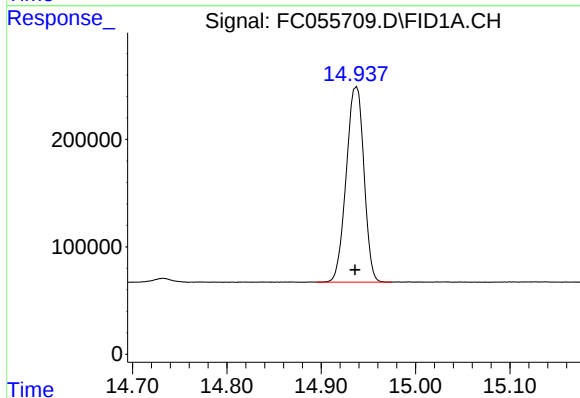
#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: 0.002 min
Response: 1954495
Conc: 19.78 ug/ml



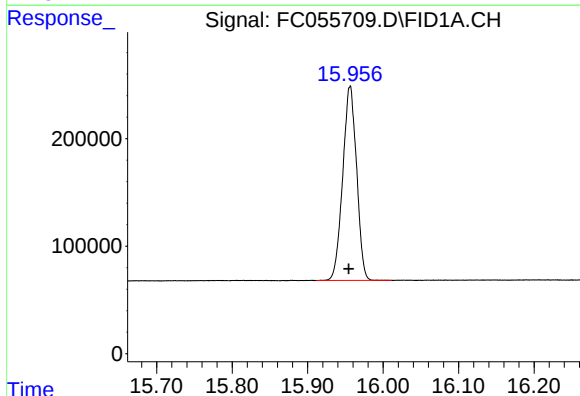
#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: 0.002 min
Response: 2354178
Conc: 19.87 ug/ml



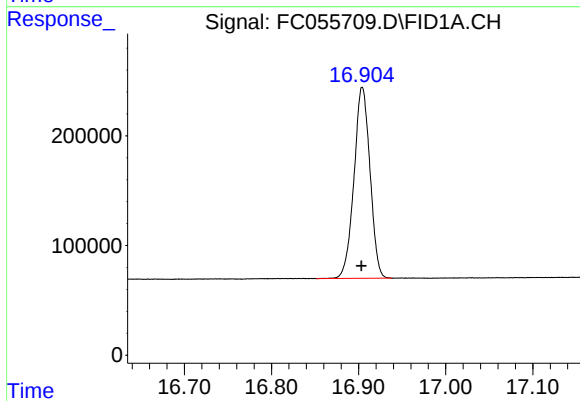
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.000 min
Response: 2370071
Conc: 20.03 ug/ml



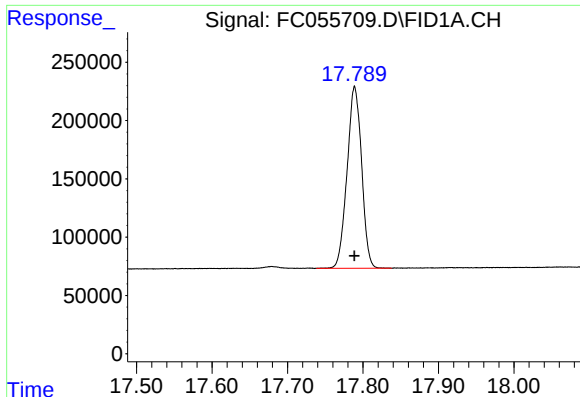
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.002 min
Response: 2309690
Conc: 20.27 ug/ml



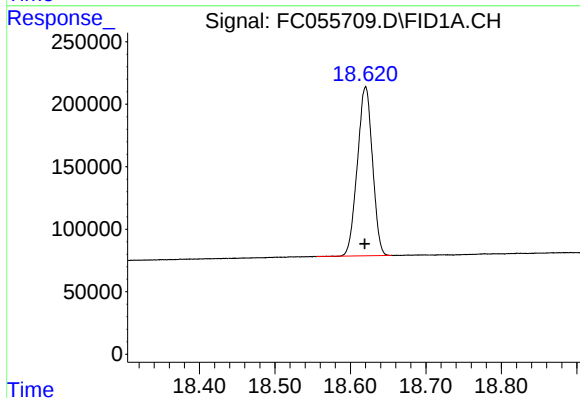
#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: 0.001 min
Response: 2226108
Conc: 20.47 ug/ml



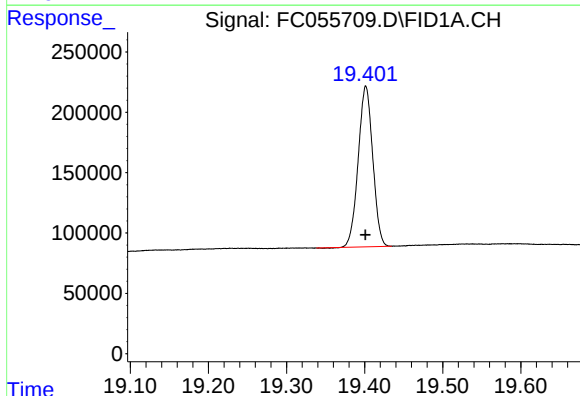
#17 n-Tricontane (C30)

R.T.: 17.789 min
Delta R.T.: 0.000 min
Response: 2085170
Conc: 20.61 ug/ml



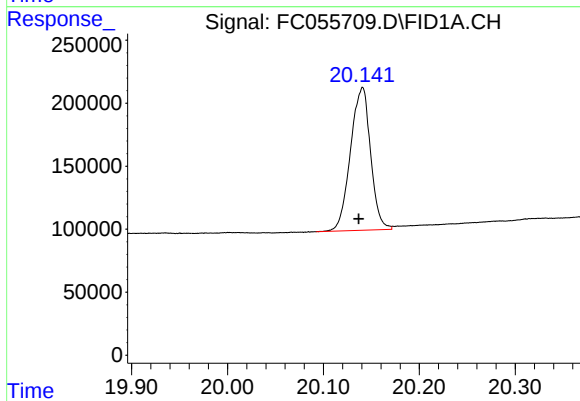
#18 n-Dotriacontane (C32)

R.T.: 18.620 min
Delta R.T.: 0.001 min
Response: 1878367
Conc: 20.56 ug/ml



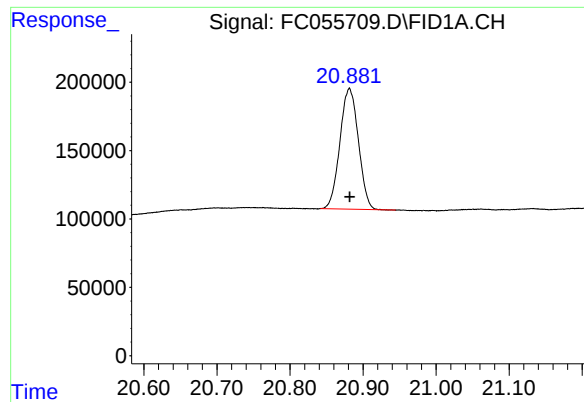
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: 0.000 min
Response: 1720712
Conc: 19.93 ug/ml



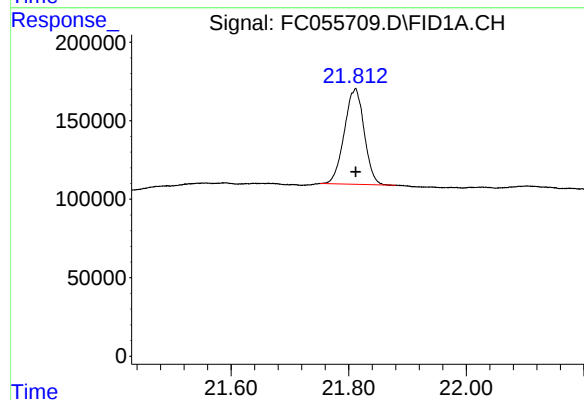
#20 n-Hexatriacontane (C36)

R.T.: 20.141 min
Delta R.T.: 0.004 min
Response: 1658884
Conc: 19.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.881 min
Delta R.T.: 0.000 min
Response: 1551717
Conc: 20.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: 0.000 min
Response: 1422310
Conc: 20.31 ug/ml