

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050521AL\
 Data File : FC053522.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2021 6:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 06 07:31:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.534	2921775	21.104 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
12) S 1-chlorooctadecane (S...	12.976	2310027	20.711 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.293	2495181	21.125 ug/ml
2) T n-Decane (C10)	4.358	2544074	21.484 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2830189	21.720 ug/ml
4) T n-Dodecane (C12)	6.377	2602981	21.512 ug/ml
5) T A~2-methylnaphthalene...	6.999	2902695	21.955 ug/ml
6) T n-Tetradecane (C14)	8.173	2635327	21.633 ug/ml
7) T n-Hexadecane (C16)	9.776	2629484	21.469 ug/ml
8) T n-Octadecane (C18)	11.220	2762612	21.213 ug/ml
10) T n-Eicosane (C20)	12.530	2767561	20.909 ug/ml
11) T n-Heneicosane (C21)	13.144	2765260	20.821 ug/ml
13) T n-Docosane (C22)	13.730	2761945	20.764 ug/ml
14) T n-Tetracosane (C24)	14.835	2719758	20.375 ug/ml
15) T n-Hexacosane (C26)	15.857	2627551	19.874 ug/ml
16) T n-Octacosane (C28)	16.808	2526872	19.303 ug/ml
17) T n-Tricontane (C30)	17.697	2418756	18.544 ug/ml
18) T n-Dotriacontane (C32)	18.529	2280230	18.071 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2144643	17.602 ug/ml
20) T n-Hexatriacontane (C36)	20.054	1987184	16.996 ug/ml
21) T n-Octatriacontane (C38)	20.786	1894492	18.416 ug/ml
22) T n-Tetracontane (C40)	21.682	1951952	19.589 ug/ml

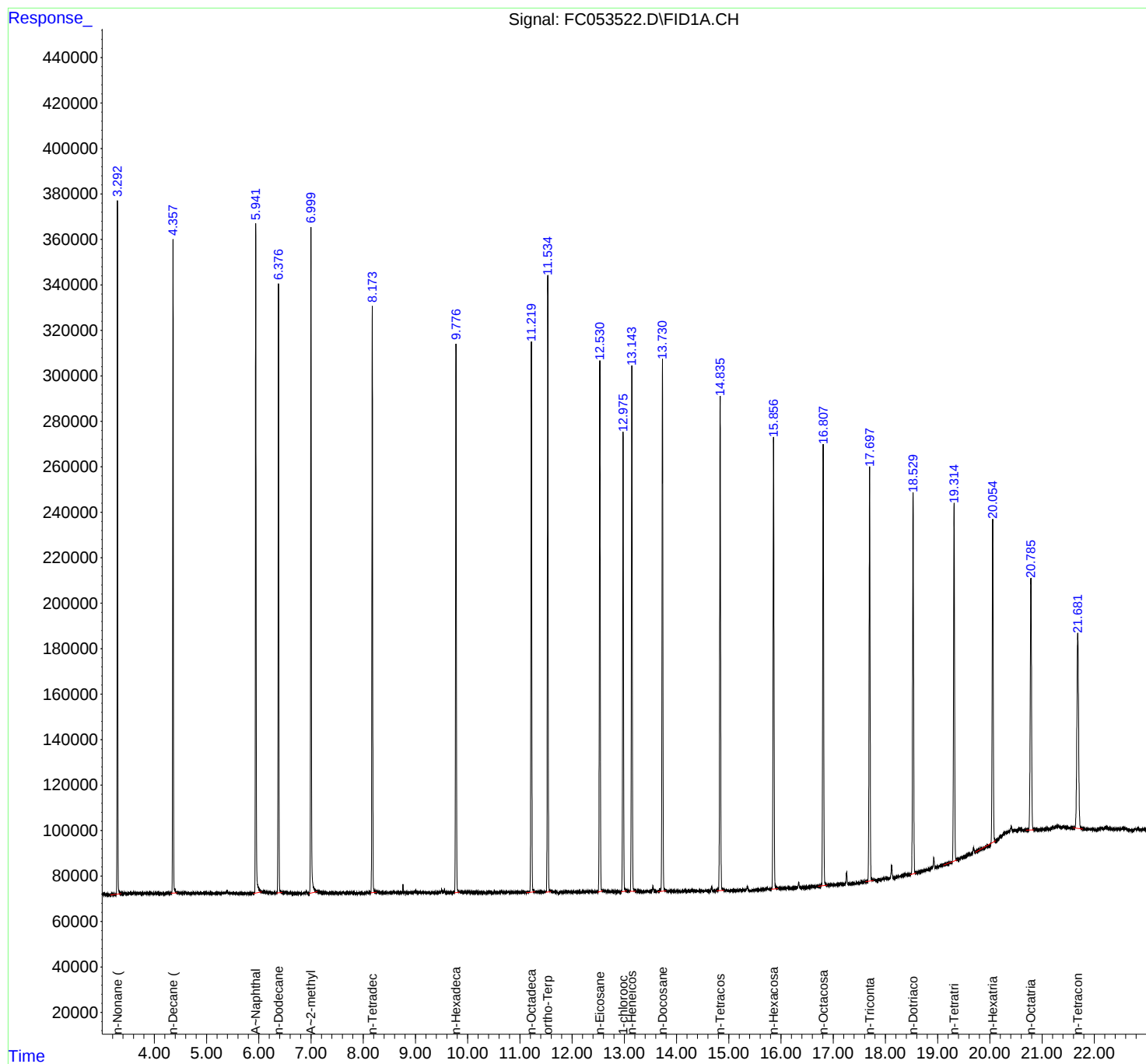
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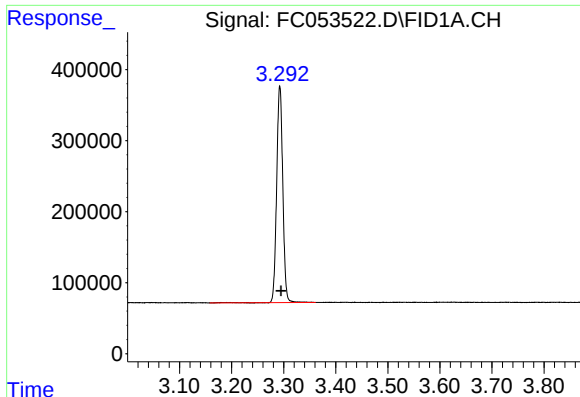
(m)=manual int.

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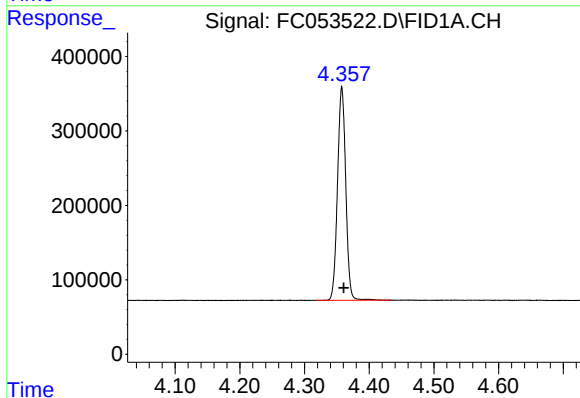
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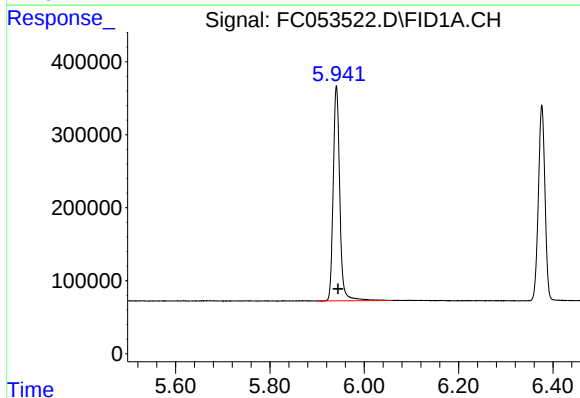
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 2495181
Conc: 21.13 ug/ml



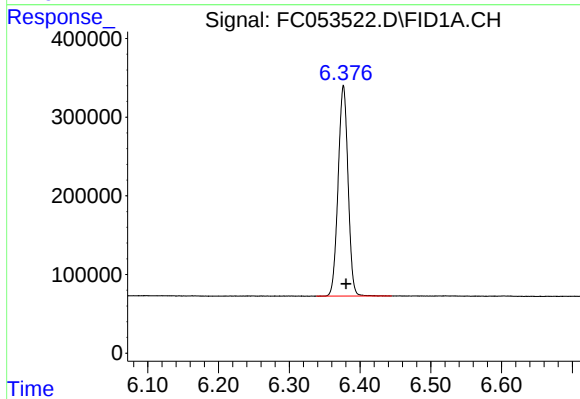
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2544074
Conc: 21.48 ug/ml



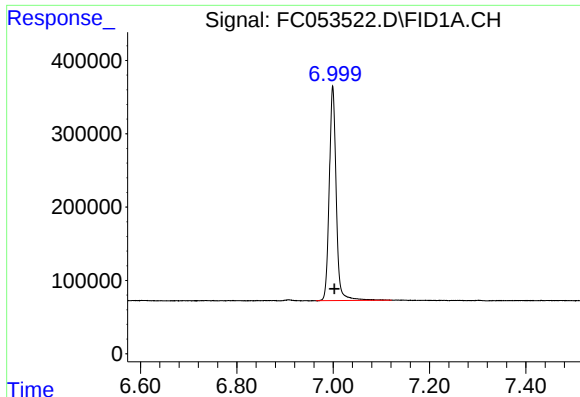
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 2830189
Conc: 21.72 ug/ml



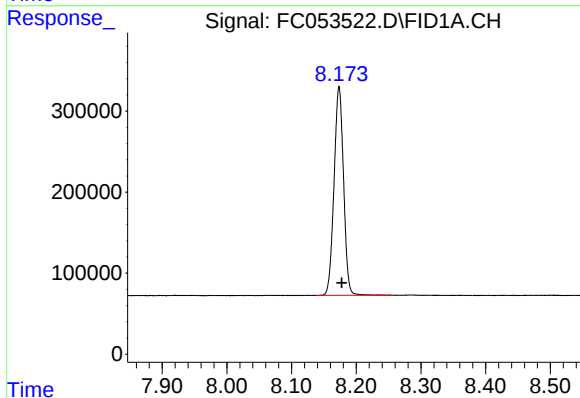
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.004 min
Response: 2602981
Conc: 21.51 ug/ml



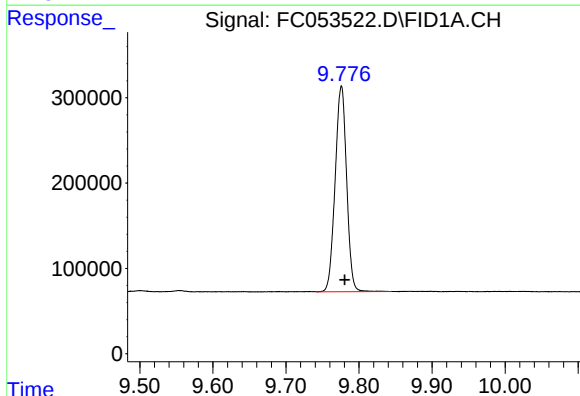
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 2902695
Conc: 21.95 ug/ml



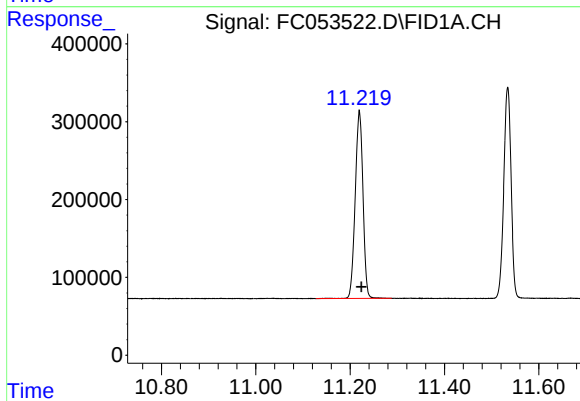
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 2635327
Conc: 21.63 ug/ml



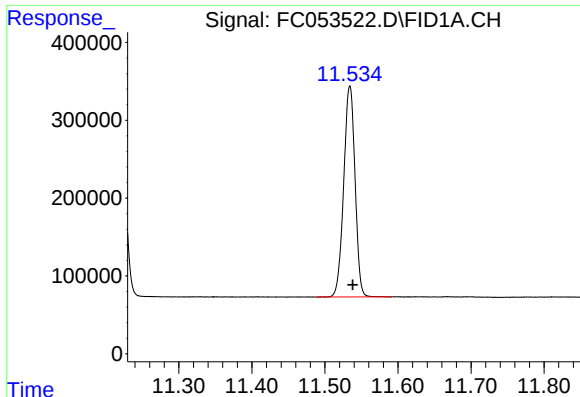
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 2629484
Conc: 21.47 ug/ml



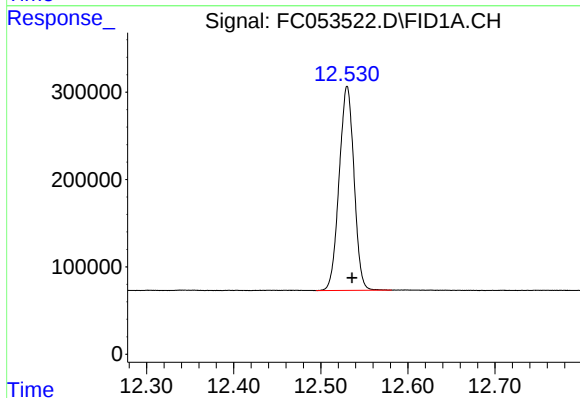
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 2762612
Conc: 21.21 ug/ml



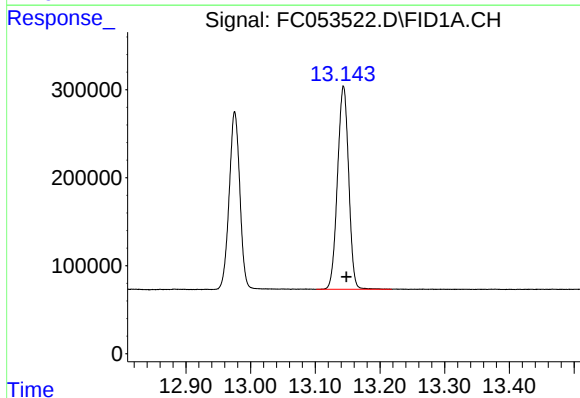
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.004 min
Response: 2921775
Conc: 21.10 ug/ml



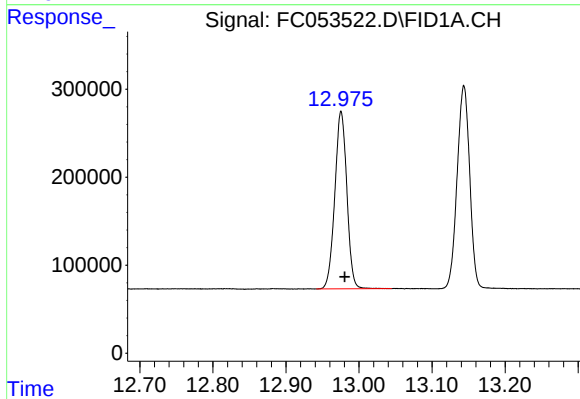
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.005 min
Response: 2767561
Conc: 20.91 ug/ml



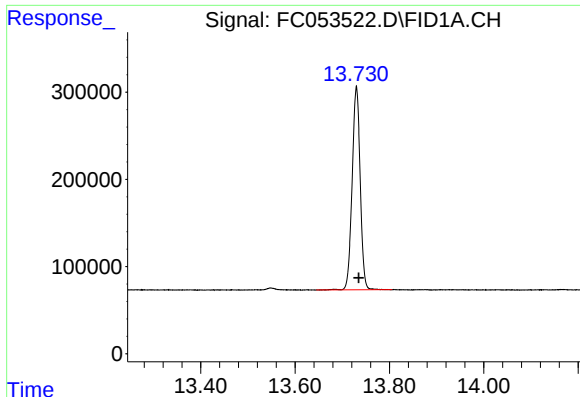
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.005 min
Response: 2765260
Conc: 20.82 ug/ml



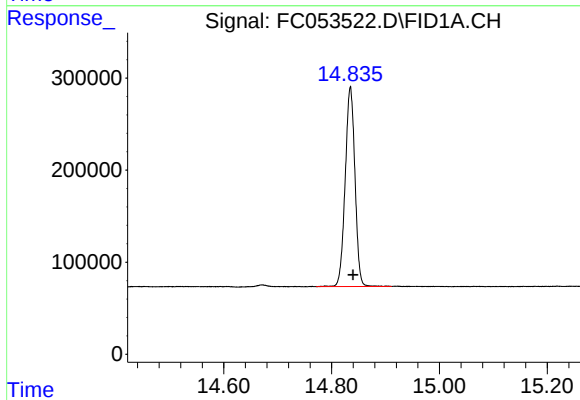
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 2310027
Conc: 20.71 ug/ml



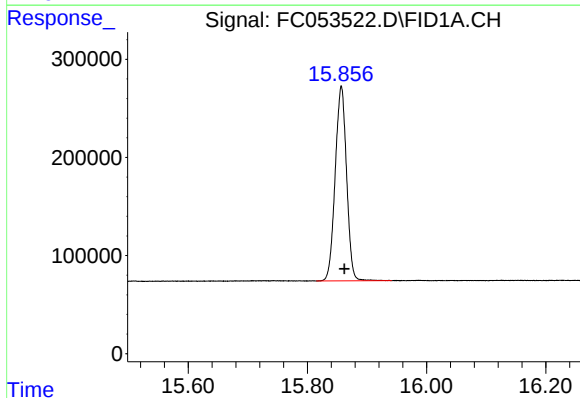
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.005 min
Response: 2761945
Conc: 20.76 ug/ml



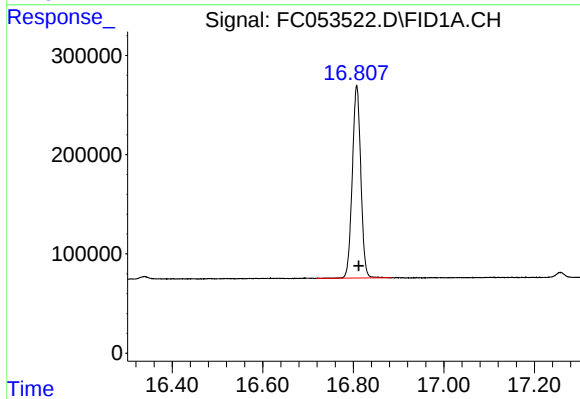
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.005 min
Response: 2719758
Conc: 20.37 ug/ml



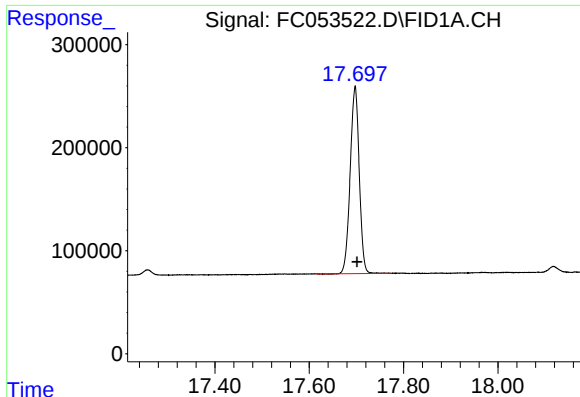
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.005 min
Response: 2627551
Conc: 19.87 ug/ml



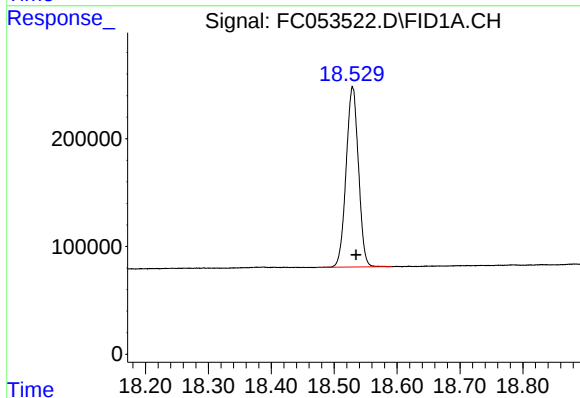
#16 n-Octacosane (C28)

R.T.: 16.808 min
Delta R.T.: -0.005 min
Response: 2526872
Conc: 19.30 ug/ml



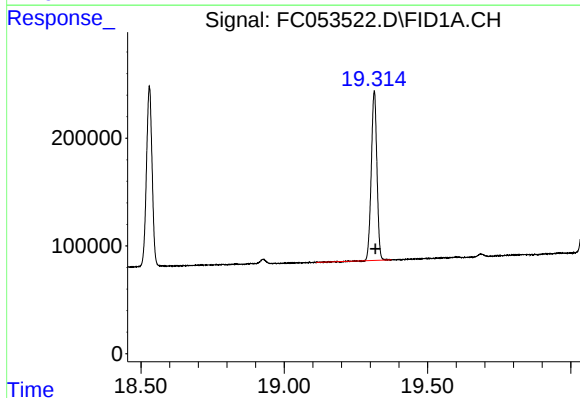
#17 n-Tricontane (C30)

R.T.: 17.697 min
Delta R.T.: -0.004 min
Response: 2418756
Conc: 18.54 ug/ml



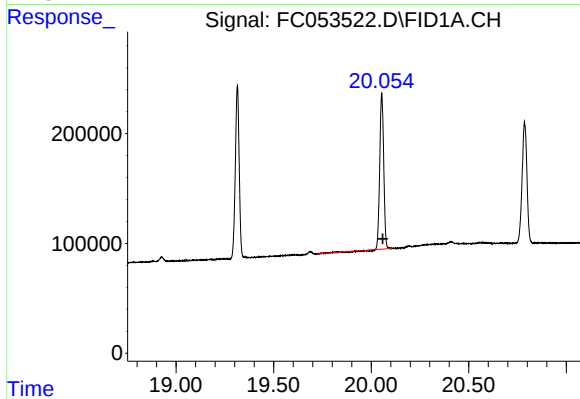
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.005 min
Response: 2280230
Conc: 18.07 ug/ml



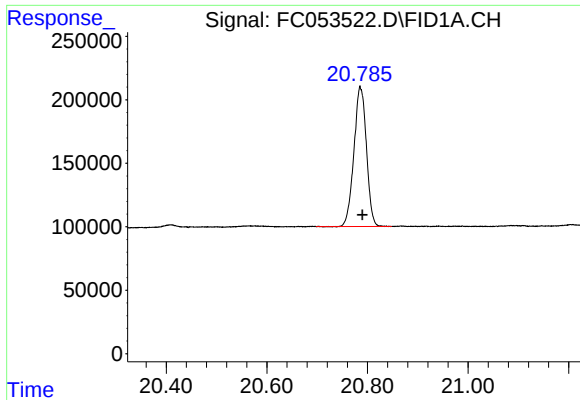
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2144643
Conc: 17.60 ug/ml



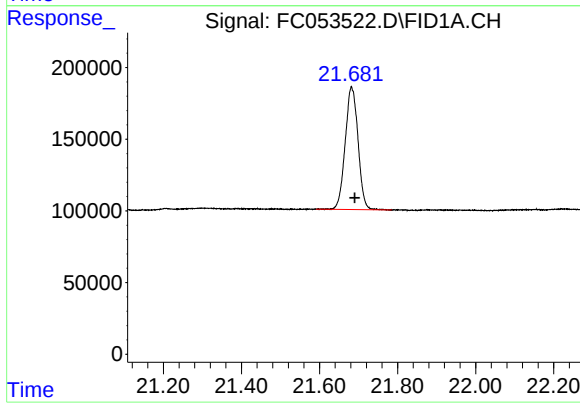
#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.006 min
Response: 1987184
Conc: 17.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.004 min
Response: 1894492
Conc: 18.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.682 min
Delta R.T.: -0.008 min
Response: 1951952
Conc: 19.59 ug/ml