

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071621AL\
 Data File : FC054737.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jul 2021 15:31
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 23:10:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.315	3193625	22.559 ug/ml
Spiked Amount 50.000		Recovery =	45.12%
12) S 1-chlorooctadecane (S...	12.759	2502712	22.451 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
Target Compounds			
1) T n-Nonane (C9)	3.135	2740833	23.307 ug/ml
2) T n-Decane (C10)	4.187	2835591	23.880 ug/ml
3) T A~Naphthalene (C11.7)	5.752	3073365	23.377 ug/ml
4) T n-Dodecane (C12)	6.192	2915173	24.323 ug/ml
5) T A~2-methylnaphthalene...	6.803	3072117	23.270 ug/ml
6) T n-Tetradecane (C14)	7.979	2958827	24.285 ug/ml
7) T n-Hexadecane (C16)	9.574	2973058	23.868 ug/ml
8) T n-Octadecane (C18)	11.012	3029958	23.459 ug/ml
10) T n-Eicosane (C20)	12.317	2989896	22.978 ug/ml
11) T n-Heneicosane (C21)	12.927	2999312	22.590 ug/ml
13) T n-Docosane (C22)	13.512	2976815	22.470 ug/ml
14) T n-Tetracosane (C24)	14.613	2938177	21.705 ug/ml
15) T n-Hexacosane (C26)	15.631	2844041	20.988 ug/ml
16) T n-Octacosane (C28)	16.579	2798975	20.392 ug/ml
17) T n-Tricontane (C30)	17.466	2737656	19.766 ug/ml
18) T n-Dotriacontane (C32)	18.296	2655500	19.410 ug/ml
19) T n-Tetratriacontane (C34)	19.078	2609027	19.309 ug/mlm
20) T n-Hexatriacontane (C36)	19.818	2532795	20.518 ug/mlm
21) T n-Octatriacontane (C38)	20.522	2497710	22.081 ug/mlm
22) T n-Tetracontane (C40)	21.335	2520673	22.301 ug/ml

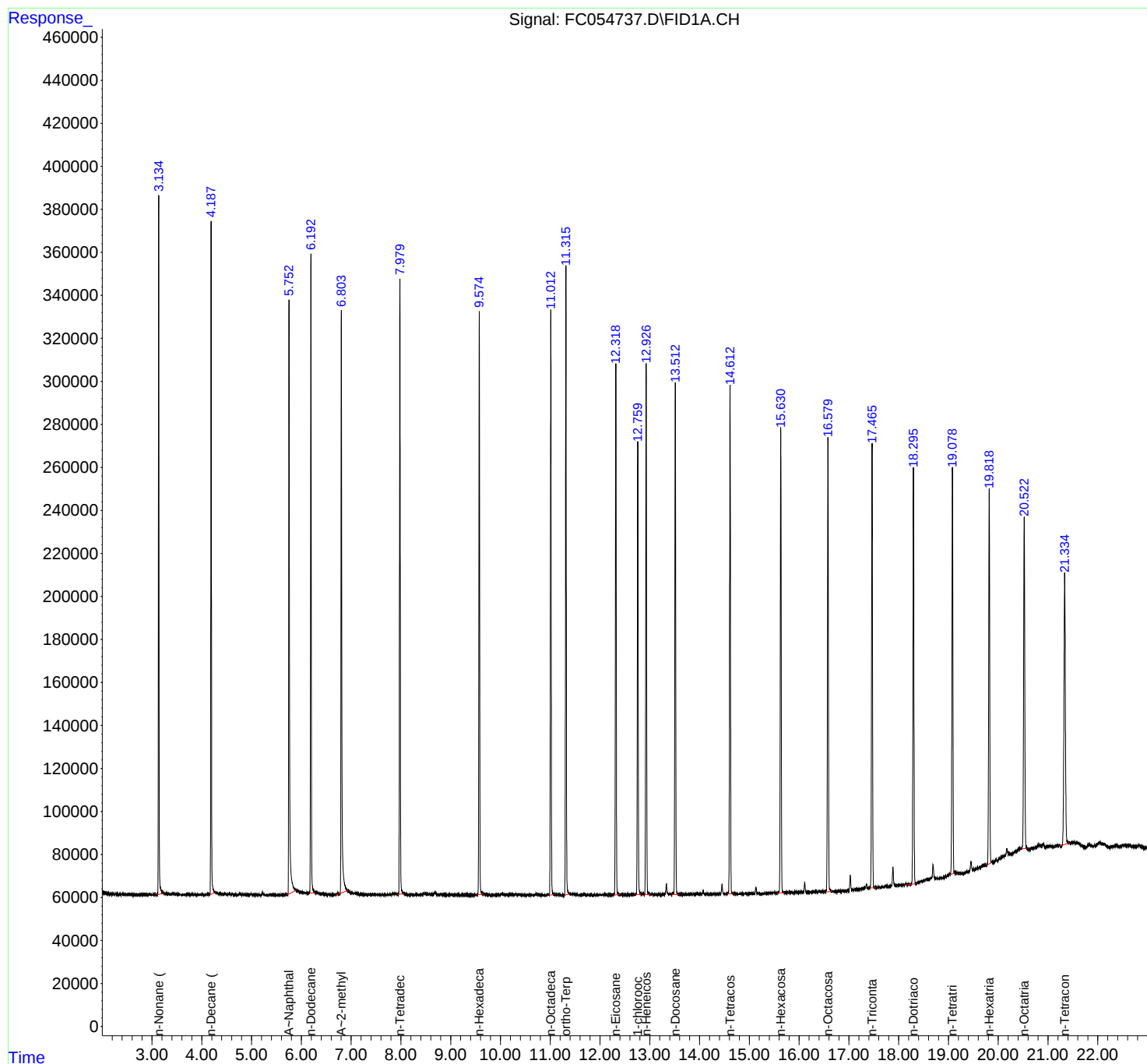
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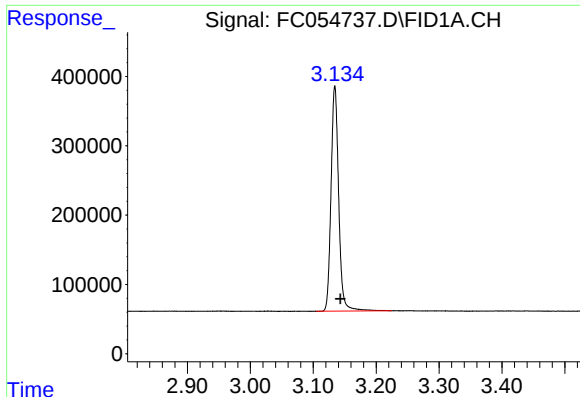
(m)=manual int.

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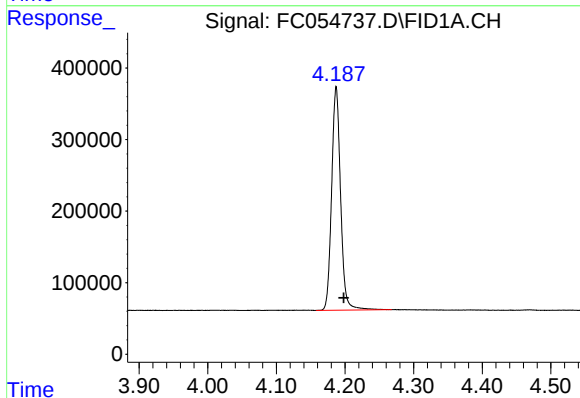
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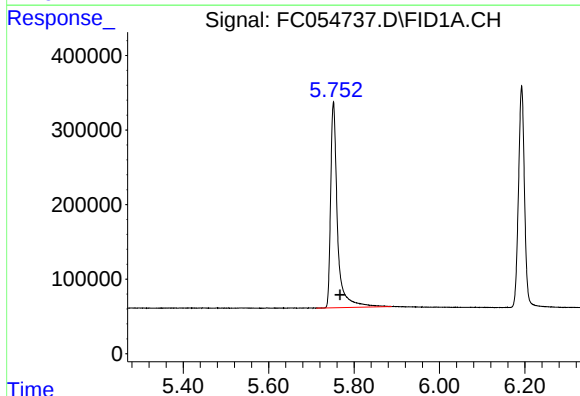
#1 n-Nonane (C9)

R.T.: 3.135 min
Delta R.T.: -0.008 min
Response: 2740833
Conc: 23.31 ug/ml



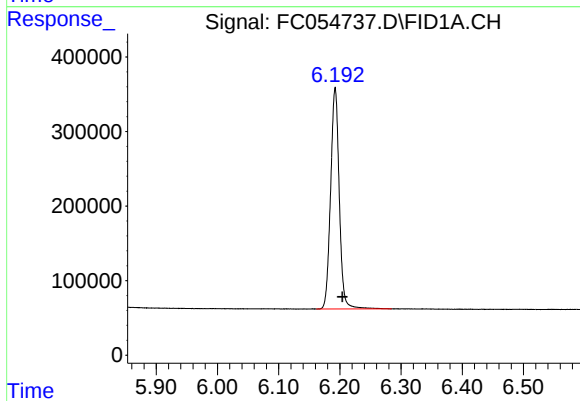
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: -0.011 min
Response: 2835591
Conc: 23.88 ug/ml



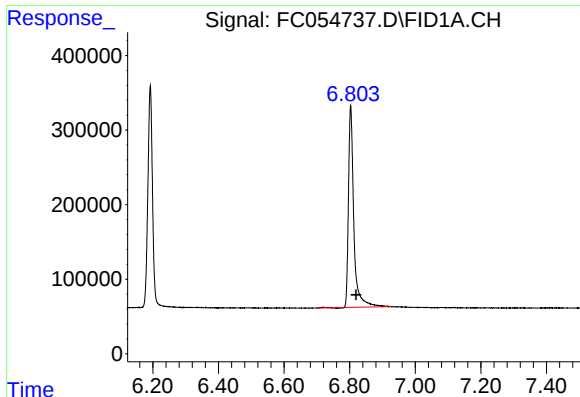
#3 A~Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.015 min
Response: 3073365
Conc: 23.38 ug/ml



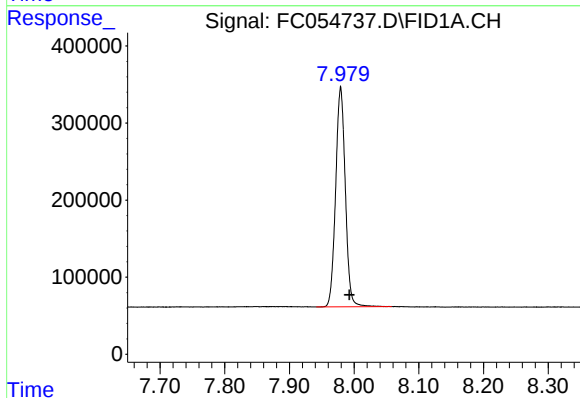
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 2915173
Conc: 24.32 ug/ml



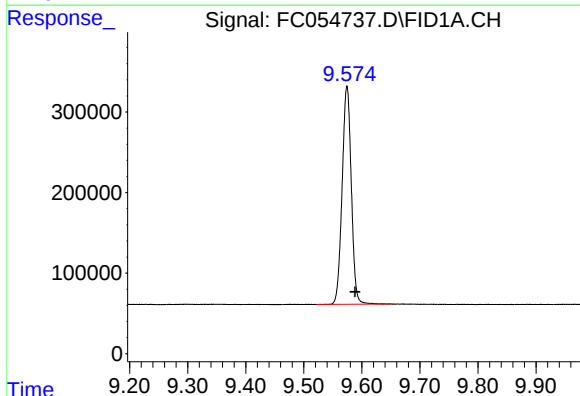
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.016 min
Response: 3072117
Conc: 23.27 ug/ml



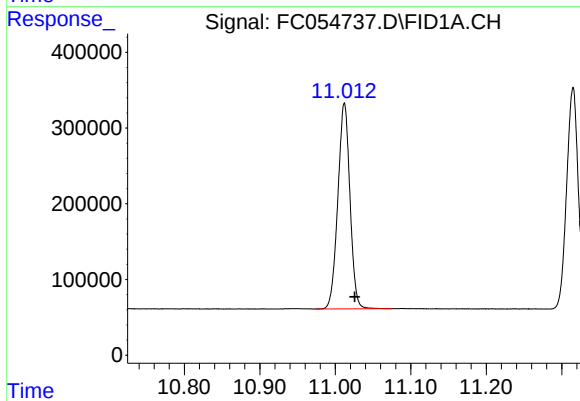
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: -0.014 min
Response: 2958827
Conc: 24.28 ug/ml



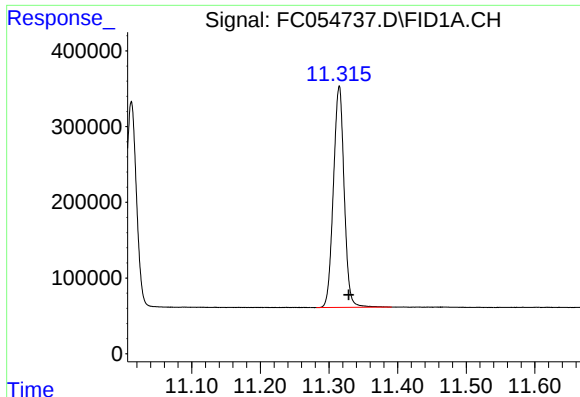
#7 n-Hexadecane (C16)

R.T.: 9.574 min
Delta R.T.: -0.014 min
Response: 2973058
Conc: 23.87 ug/ml



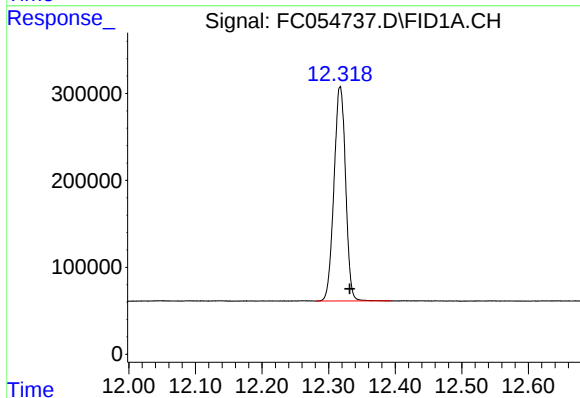
#8 n-Octadecane (C18)

R.T.: 11.012 min
Delta R.T.: -0.014 min
Response: 3029958
Conc: 23.46 ug/ml



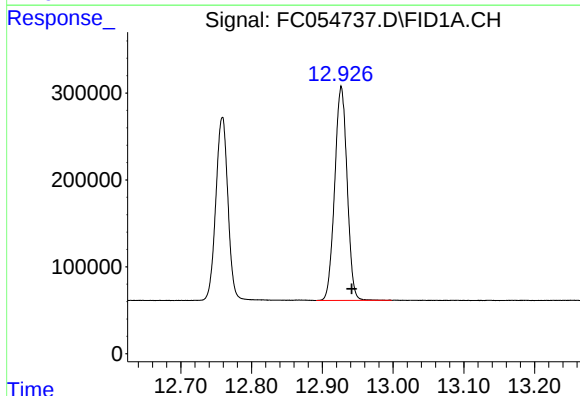
#9 ortho-Terphenyl (SURR)

R.T.: 11.315 min
Delta R.T.: -0.014 min
Response: 3193625
Conc: 22.56 ug/ml



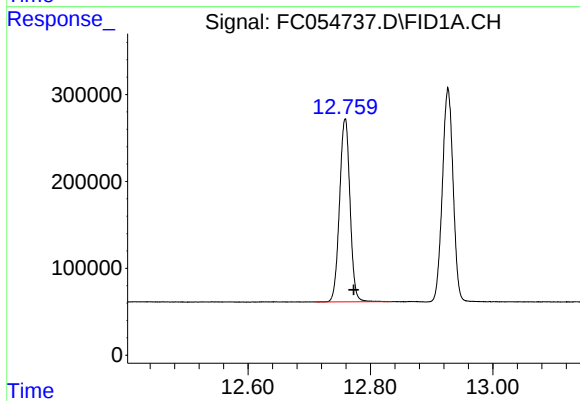
#10 n-Eicosane (C20)

R.T.: 12.317 min
Delta R.T.: -0.014 min
Response: 2989896
Conc: 22.98 ug/ml



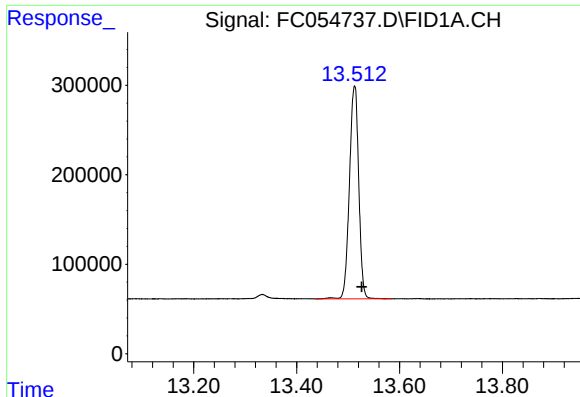
#11 n-Heneicosane (C21)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 2999312
Conc: 22.59 ug/ml



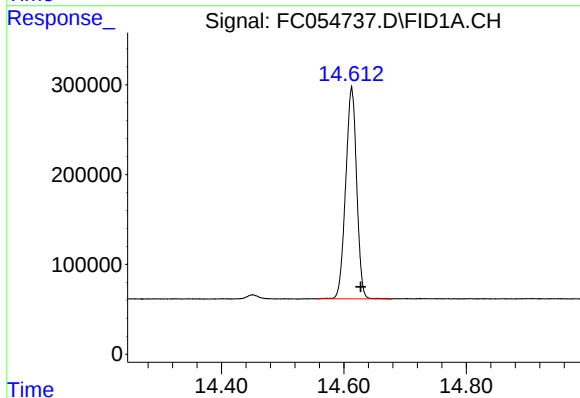
#12 1-chlorooctadecane (SURR)

R.T.: 12.759 min
Delta R.T.: -0.014 min
Response: 2502712
Conc: 22.45 ug/ml



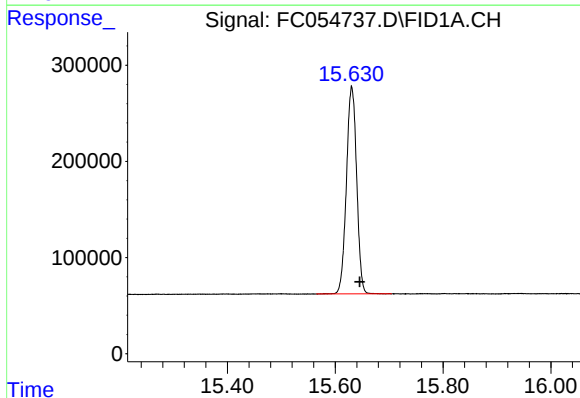
#13 n-Docosane (C22)

R.T.: 13.512 min
Delta R.T.: -0.014 min
Response: 2976815
Conc: 22.47 ug/ml



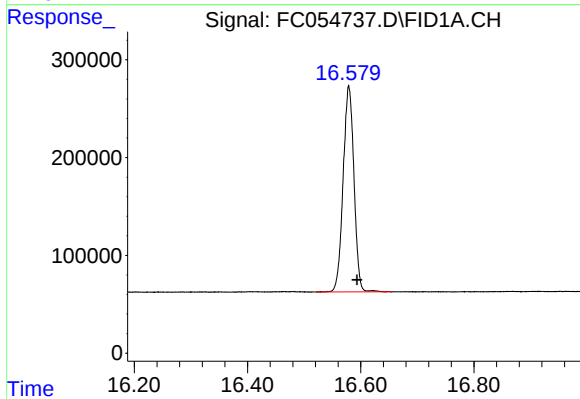
#14 n-Tetracosane (C24)

R.T.: 14.613 min
Delta R.T.: -0.015 min
Response: 2938177
Conc: 21.70 ug/ml



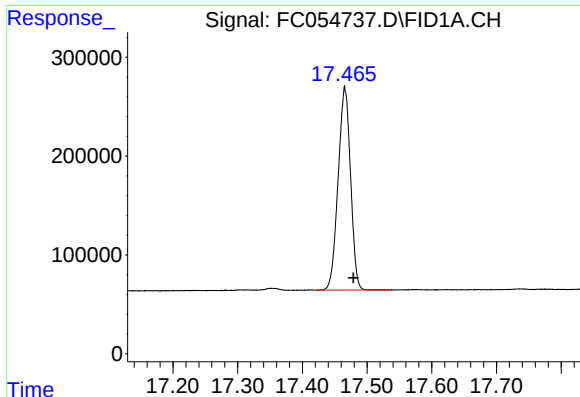
#15 n-Hexacosane (C26)

R.T.: 15.631 min
Delta R.T.: -0.015 min
Response: 2844041
Conc: 20.99 ug/ml



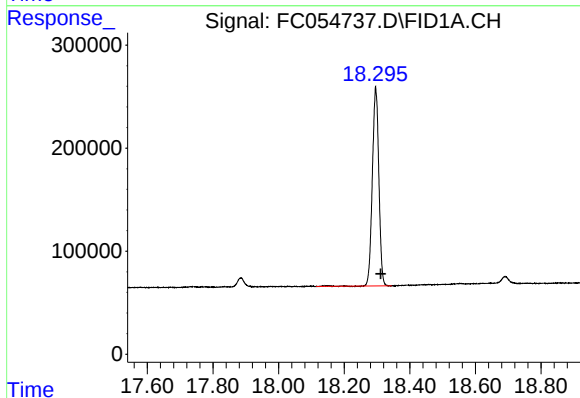
#16 n-Octacosane (C28)

R.T.: 16.579 min
Delta R.T.: -0.015 min
Response: 2798975
Conc: 20.39 ug/ml



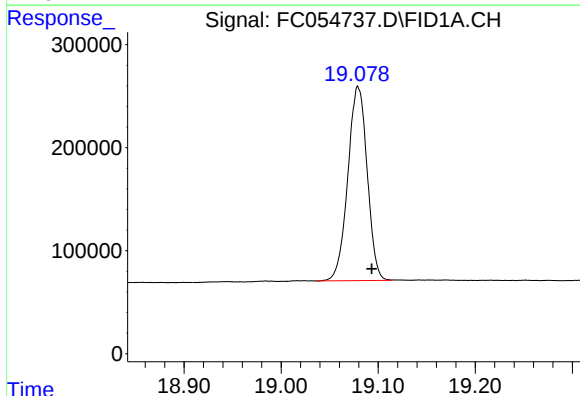
#17 n-Tricontane (C30)

R.T.: 17.466 min
Delta R.T.: -0.013 min
Response: 2737656
Conc: 19.77 ug/ml



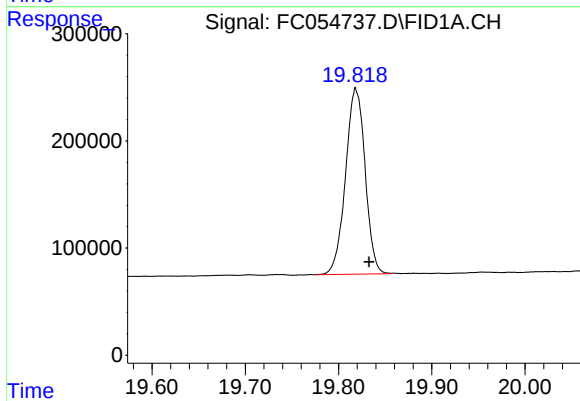
#18 n-Dotriacontane (C32)

R.T.: 18.296 min
Delta R.T.: -0.015 min
Response: 2655500
Conc: 19.41 ug/ml



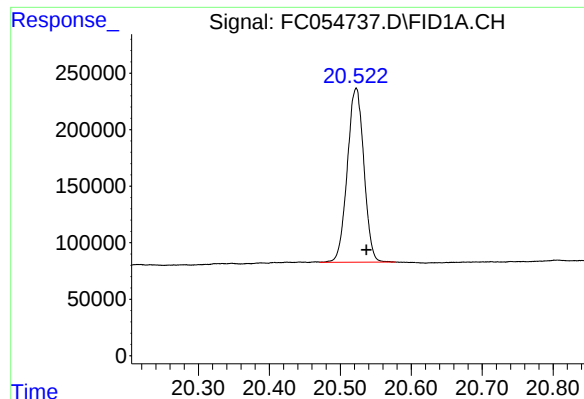
#19 n-Tetratriacontane (C34)

R.T.: 19.078 min
Delta R.T.: -0.015 min
Response: 2609027
Conc: 19.31 ug/ml m



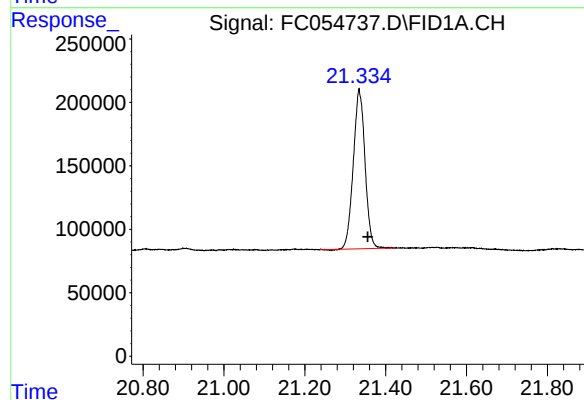
#20 n-Hexatriacontane (C36)

R.T.: 19.818 min
Delta R.T.: -0.015 min
Response: 2532795
Conc: 20.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.522 min
Delta R.T.: -0.015 min
Response: 2497710
Conc: 22.08 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.335 min
Delta R.T.: -0.021 min
Response: 2520673
Conc: 22.30 ug/ml