

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071120AL\
 Data File : FC048356.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jul 2020 3:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 11 05:06:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.685	2774855	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.120	2221206	19.711 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	3.413	2555045	21.434 ug/ml
2) T n-Decane (C10)	4.487	2602616	21.622 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2930175	21.774 ug/ml
4) T n-Dodecane (C12)	6.514	2634146	21.531 ug/ml
5) T A~2-methylnaphthalene...	7.145	2984836	21.655 ug/ml
6) T n-Tetradecane (C14)	8.314	2627660	21.331 ug/ml
7) T n-Hexadecane (C16)	9.918	2560253	20.915 ug/ml
8) T n-Octadecane (C18)	11.363	2624703	20.508 ug/ml
10) T n-Eicosane (C20)	12.675	2594979	20.064 ug/ml
11) T n-Heneicosane (C21)	13.287	2566524	19.800 ug/ml
13) T n-Docosane (C22)	13.874	2531870	19.501 ug/ml
14) T n-Tetracosane (C24)	14.978	2468926	18.834 ug/ml
15) T n-Hexacosane (C26)	15.998	2376314	18.275 ug/ml
16) T n-Octacosane (C28)	16.949	2302092	17.618 ug/ml
17) T n-Tricontane (C30)	17.837	2239115	17.417 ug/mlm
18) T n-Dotriacontane (C32)	18.669	2059322	17.431 ug/ml
19) T n-Tetratriacontane (C34)	19.454	1974137	17.686 ug/ml
20) T n-Hexatriacontane (C36)	20.189	1827834	17.379 ug/mlm
21) T n-Octatriacontane (C38)	20.953	1898878	19.343 ug/ml
22) T n-Tetracontane (C40)	21.914	2411198	24.812 ug/ml

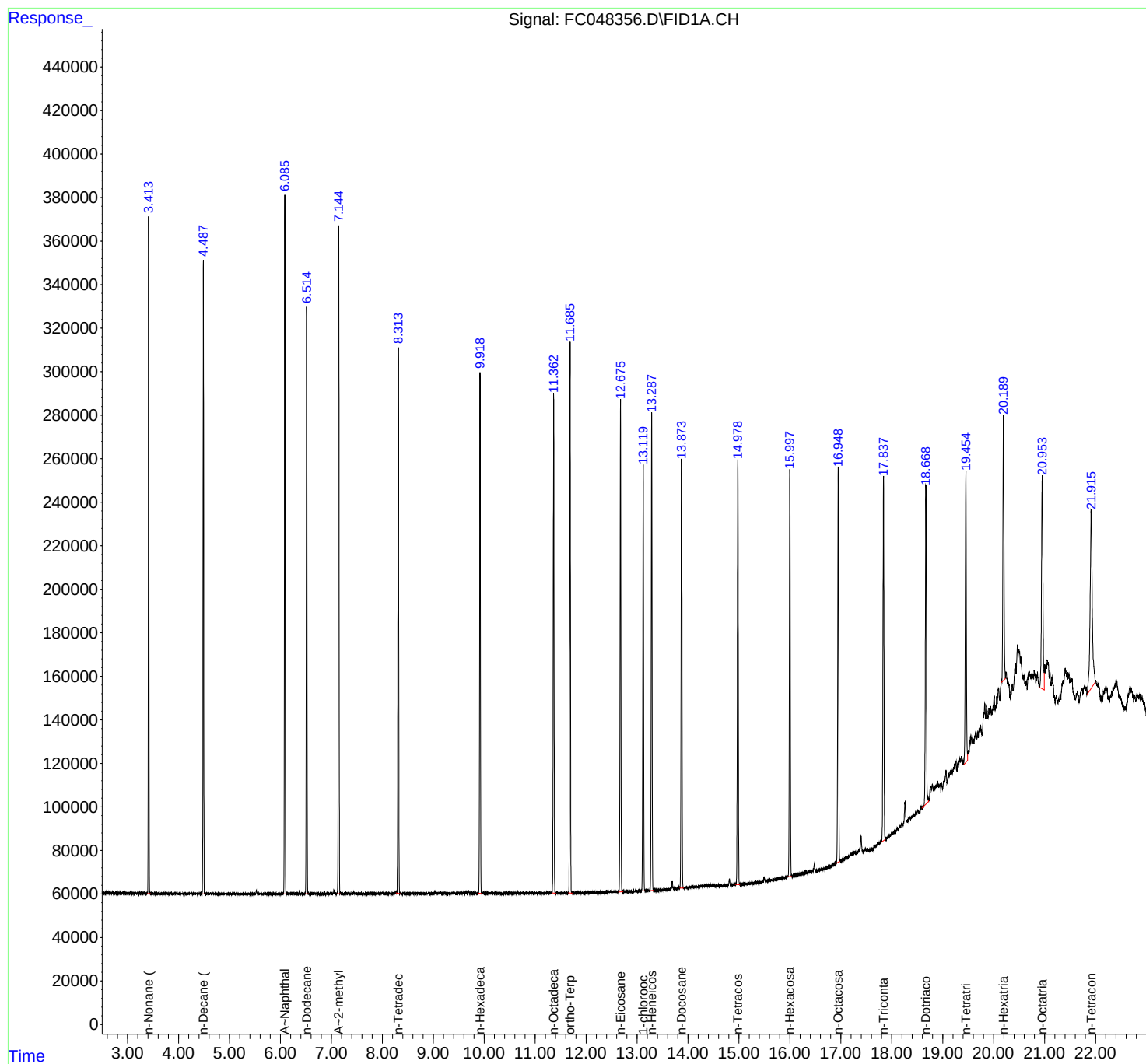
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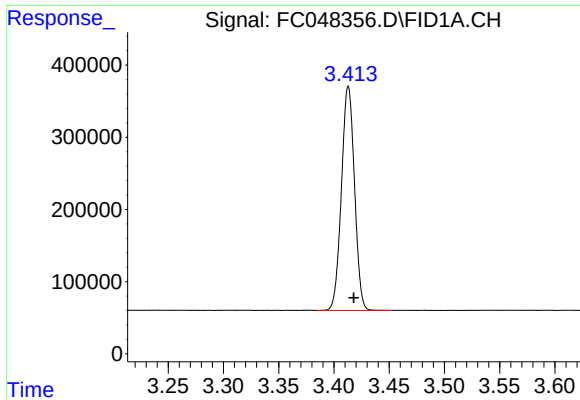
(m)=manual int.

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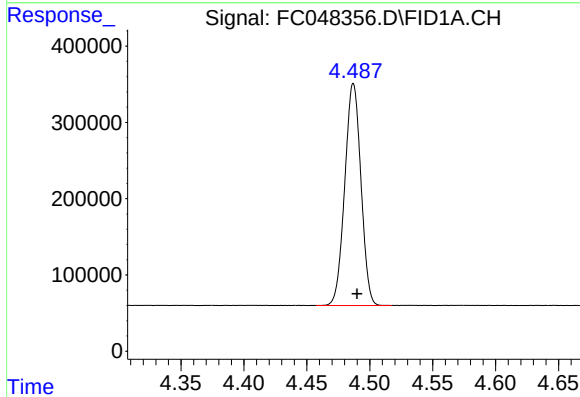
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Signal Info : 20M x 0.18mm x 0.18um





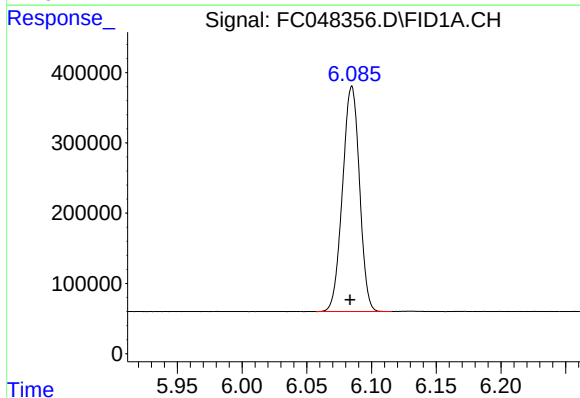
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.005 min
Response: 2555045
Conc: 21.43 ug/ml



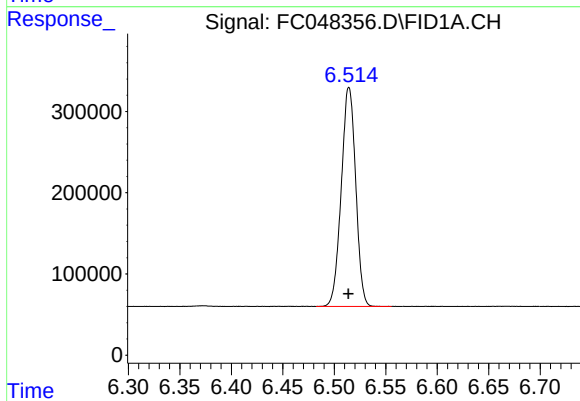
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2602616
Conc: 21.62 ug/ml



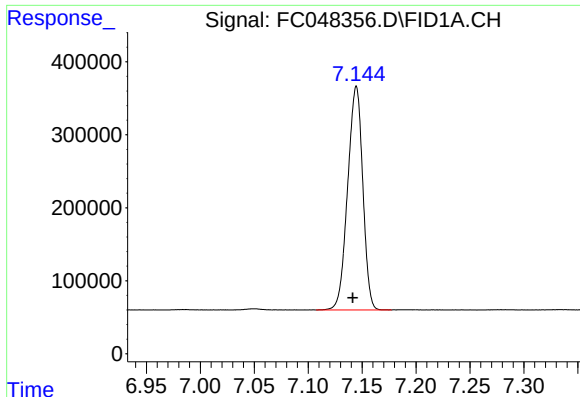
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 2930175
Conc: 21.77 ug/ml



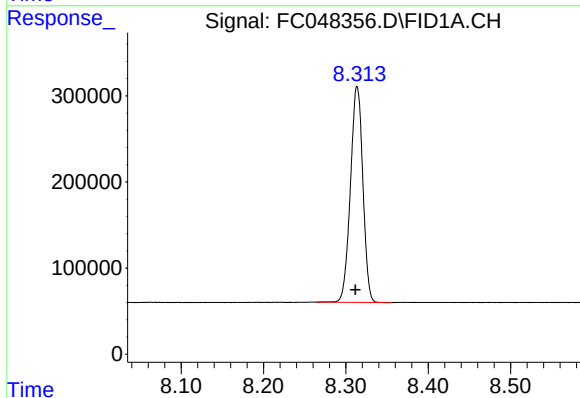
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2634146
Conc: 21.53 ug/ml



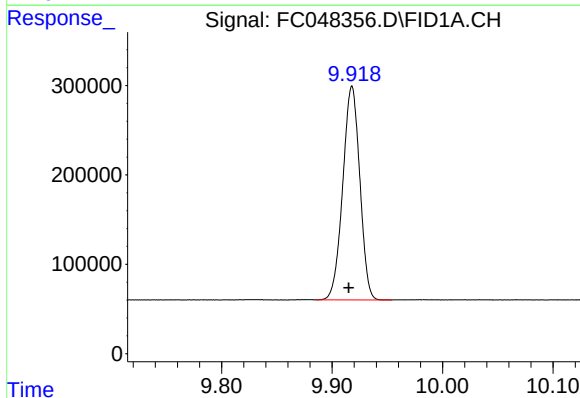
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.003 min
Response: 2984836
Conc: 21.66 ug/ml



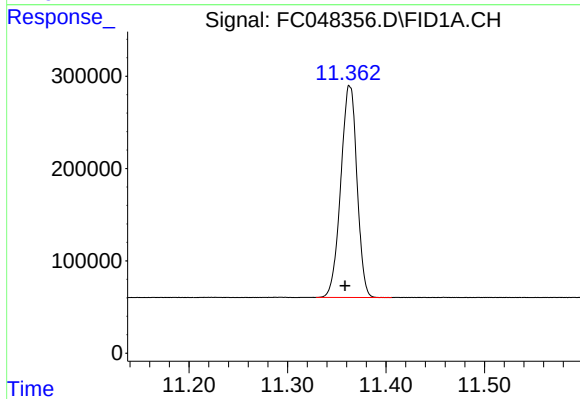
#6 n-Tetradecane (C14)

R.T.: 8.314 min
Delta R.T.: 0.002 min
Response: 2627660
Conc: 21.33 ug/ml



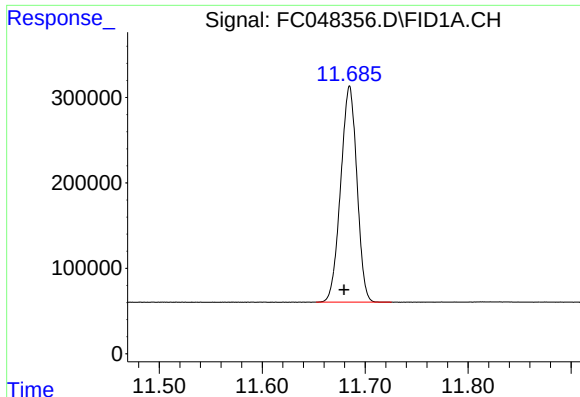
#7 n-Hexadecane (C16)

R.T.: 9.918 min
Delta R.T.: 0.003 min
Response: 2560253
Conc: 20.91 ug/ml



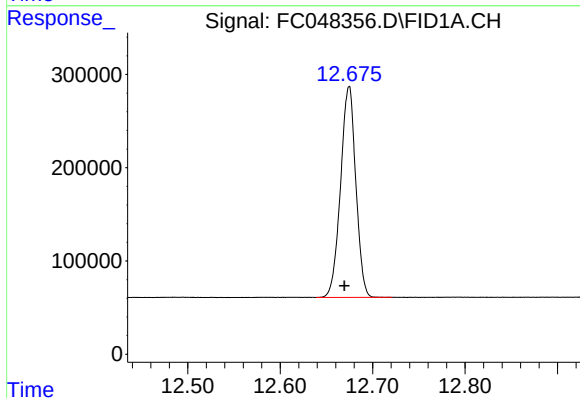
#8 n-Octadecane (C18)

R.T.: 11.363 min
Delta R.T.: 0.005 min
Response: 2624703
Conc: 20.51 ug/ml



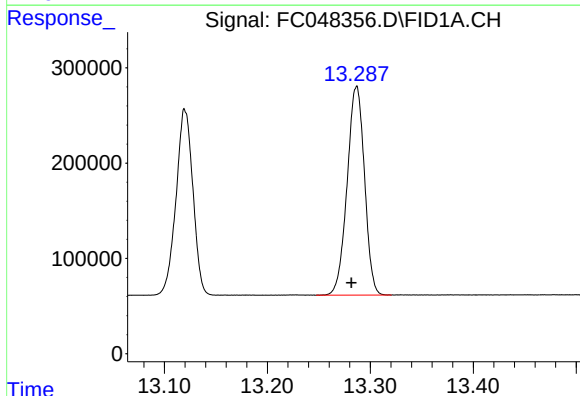
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: 0.005 min
Response: 2774855
Conc: 20.22 ug/ml



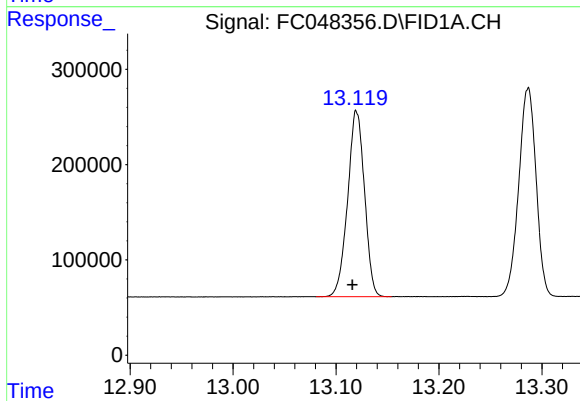
#10 n-Eicosane (C20)

R.T.: 12.675 min
Delta R.T.: 0.005 min
Response: 2594979
Conc: 20.06 ug/ml



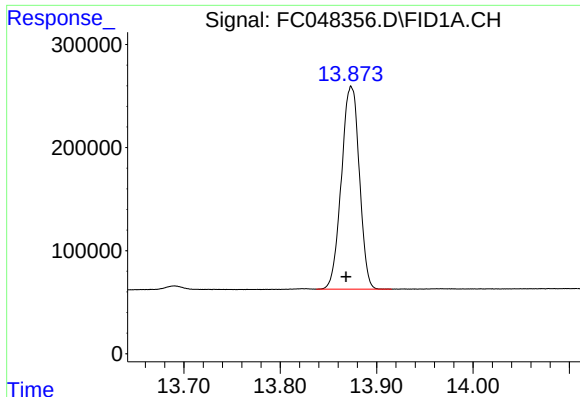
#11 n-Heneicosane (C21)

R.T.: 13.287 min
Delta R.T.: 0.005 min
Response: 2566524
Conc: 19.80 ug/ml



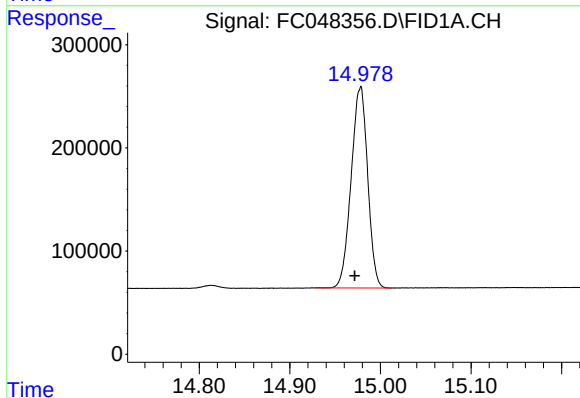
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min
Delta R.T.: 0.004 min
Response: 2221206
Conc: 19.71 ug/ml



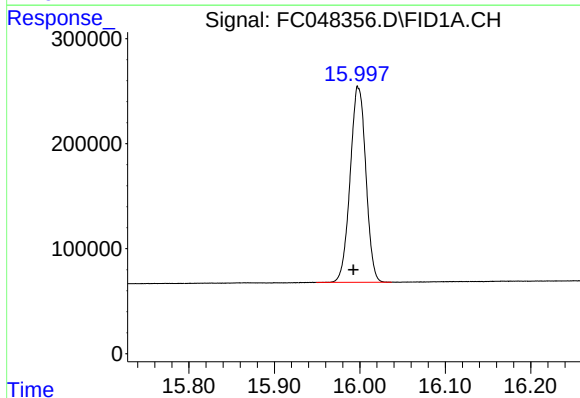
#13 n-Docosane (C22)

R.T.: 13.874 min
Delta R.T.: 0.005 min
Response: 2531870
Conc: 19.50 ug/ml



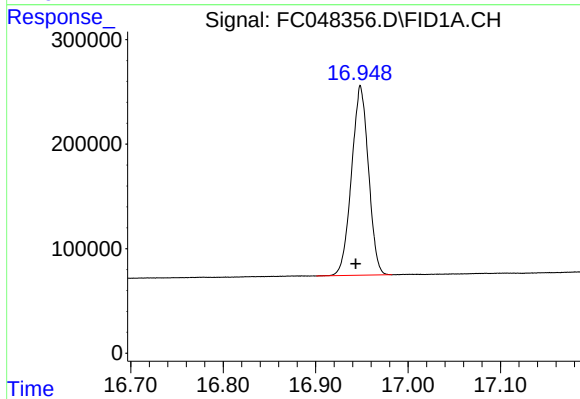
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: 0.006 min
Response: 2468926
Conc: 18.83 ug/ml



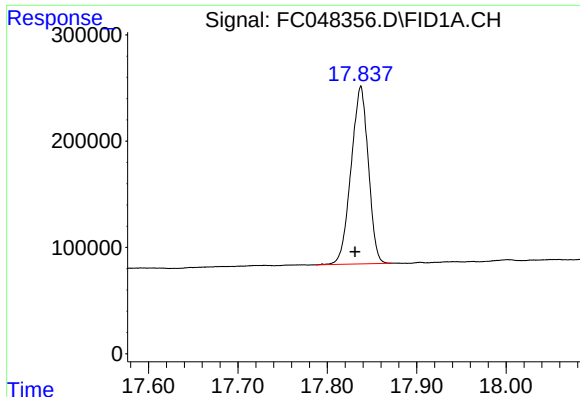
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.006 min
Response: 2376314
Conc: 18.27 ug/ml



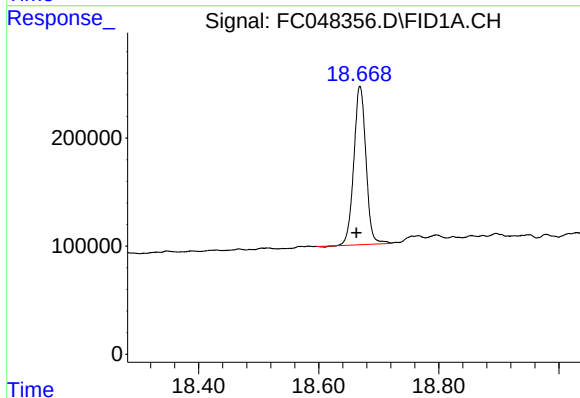
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.005 min
Response: 2302092
Conc: 17.62 ug/ml



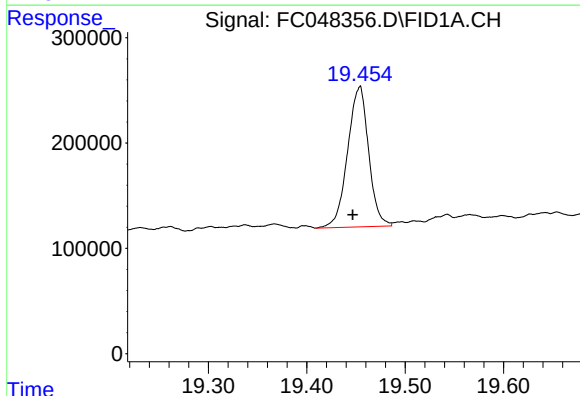
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.006 min
Response: 2239115
Conc: 17.42 ug/ml m



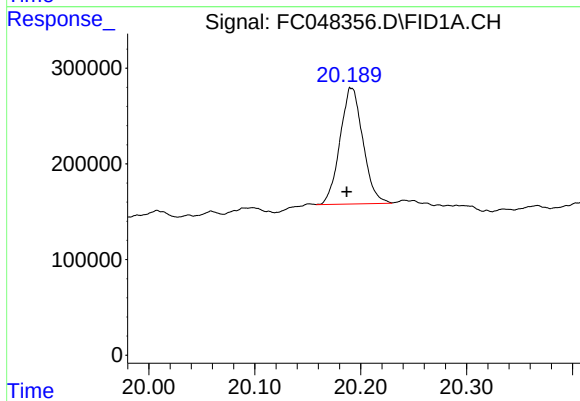
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.006 min
Response: 2059322
Conc: 17.43 ug/ml



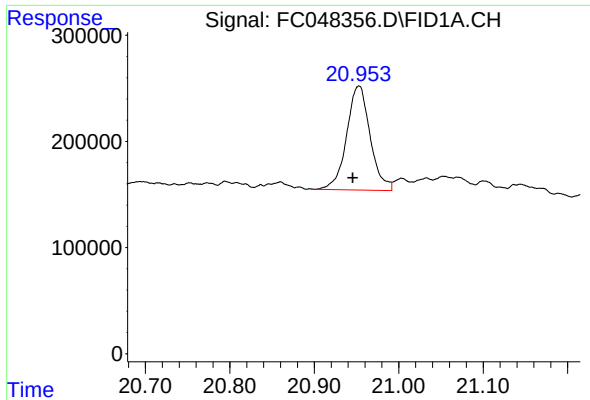
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.007 min
Response: 1974137
Conc: 17.69 ug/ml



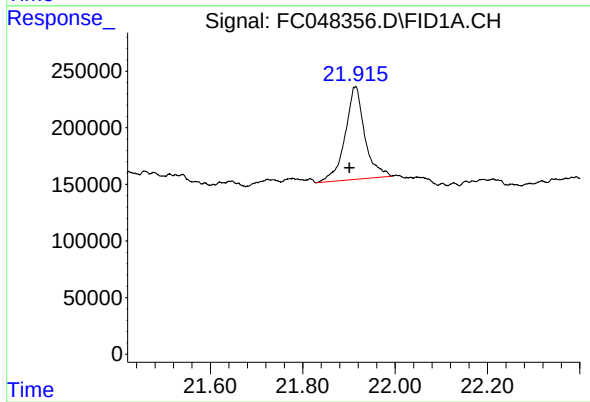
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: 0.003 min
Response: 1827834
Conc: 17.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.007 min
Response: 1898878
Conc: 19.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.013 min
Response: 2411198
Conc: 24.81 ug/ml