

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100919AL\
 Data File : FC043852.D
 Signal(s) : FID1A.CH
 Acq On : 09 Oct 2019 11:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 10 00:47:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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)	11.581	2908493	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.002	2198799	18.546 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.428	2677444	22.145 ug/ml
2) T n-Decane (C10)	4.482	2748094	22.704 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2665302	22.638 ug/ml
4) T n-Dodecane (C12)	6.474	2837772	22.436 ug/ml
5) T A~2-methylnaphthalene...	7.107	2698338	22.392 ug/ml
6) T n-Tetradecane (C14)	8.249	2832183	22.003 ug/ml
7) T n-Hexadecane (C16)	9.833	2813732	21.369 ug/ml
8) T n-Octadecane (C18)	11.261	2766004	20.280 ug/ml
10) T n-Eicosane (C20)	12.559	2686974	19.251 ug/ml
11) T n-Heneicosane (C21)	13.166	2655180	18.683 ug/ml
13) T n-Docosane (C22)	13.747	2591027	18.235 ug/ml
14) T n-Tetracosane (C24)	14.842	2517103	17.533 ug/ml
15) T n-Hexacosane (C26)	15.857	2469623	17.270 ug/ml
16) T n-Octacosane (C28)	16.800	2462730	17.373 ug/ml
17) T n-Tricontane (C30)	17.684	2511817	17.910 ug/ml
18) T n-Dotriacontane (C32)	18.512	2468771	18.585 ug/ml
19) T n-Tetratriacontane (C34)	19.291	2340520	18.733 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2291861	19.828 ug/ml
21) T n-Octatriacontane (C38)	20.752	2271194	21.339 ug/ml
22) T n-Tetracontane (C40)	21.638	2322248	22.210 ug/ml

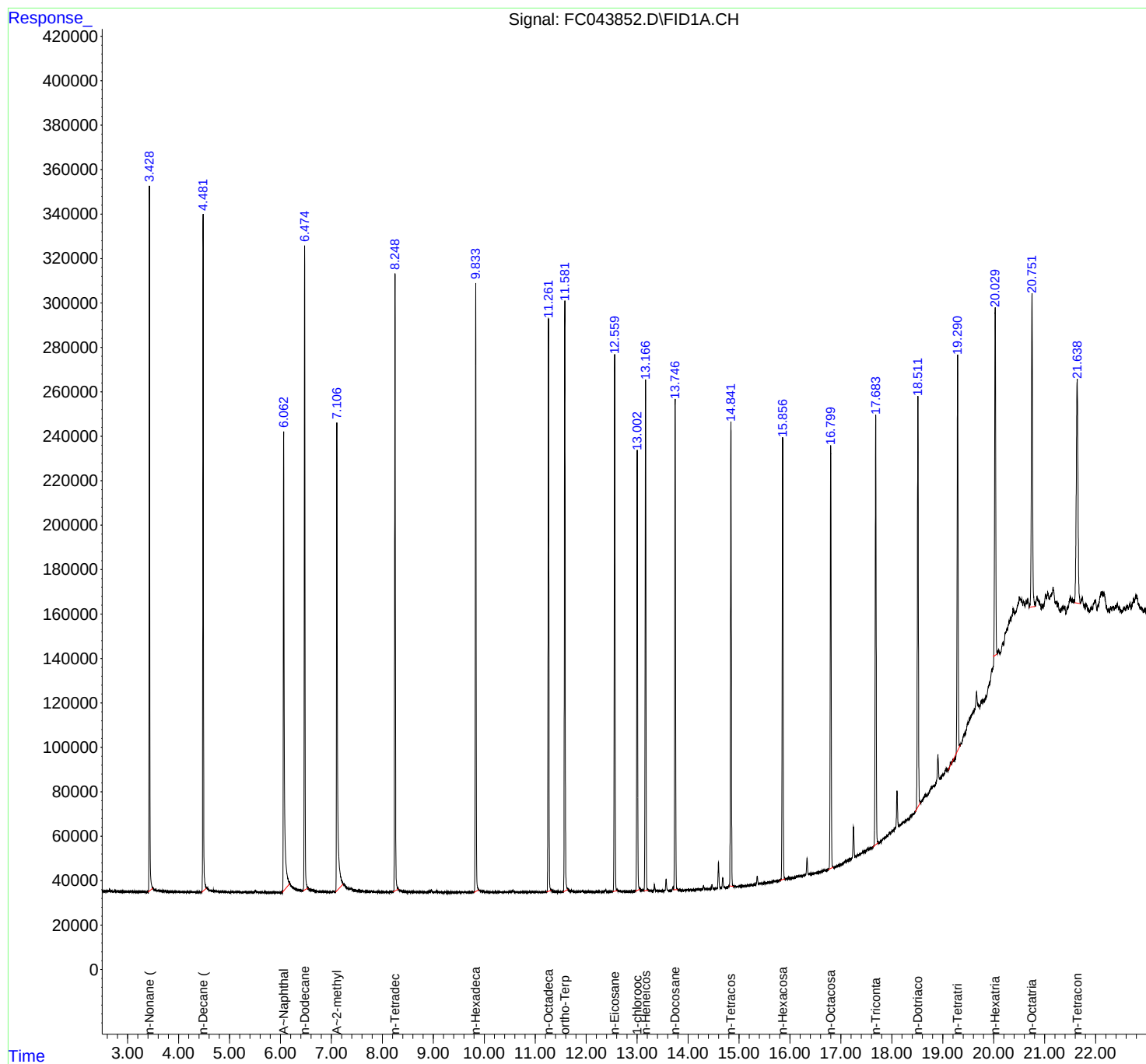
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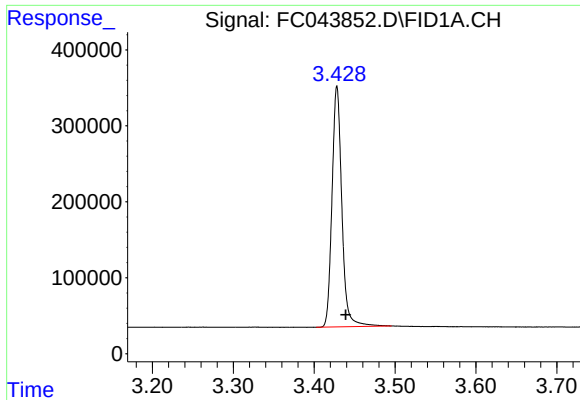
(m)=manual int.

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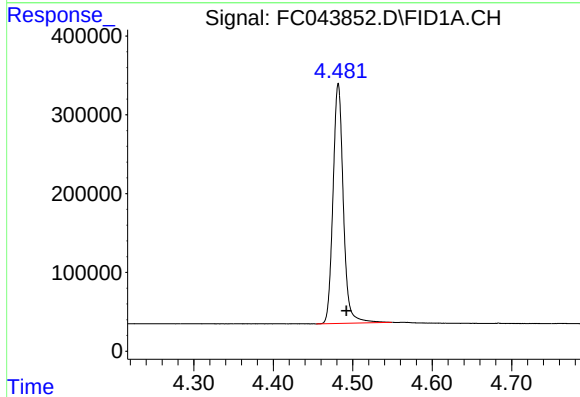
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Signal Info : 20M x 0.18mm x 0.18um





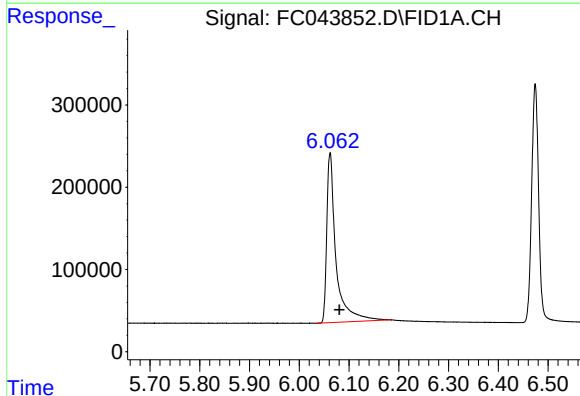
#1 n-Nonane (C9)

R.T.: 3.428 min
Delta R.T.: -0.011 min
Response: 2677444
Conc: 22.15 ug/ml



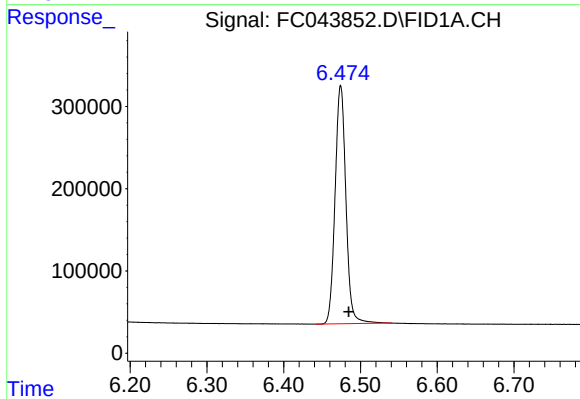
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 2748094
Conc: 22.70 ug/ml



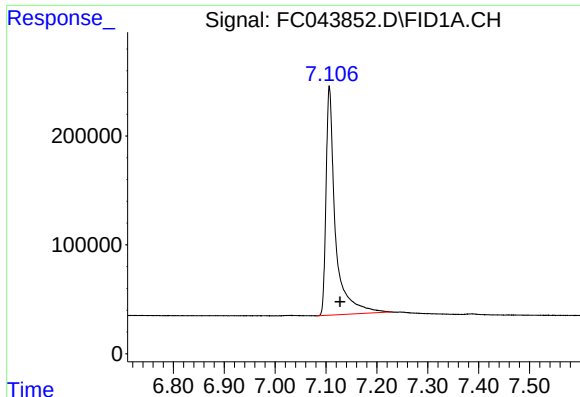
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.019 min
Response: 2665302
Conc: 22.64 ug/ml



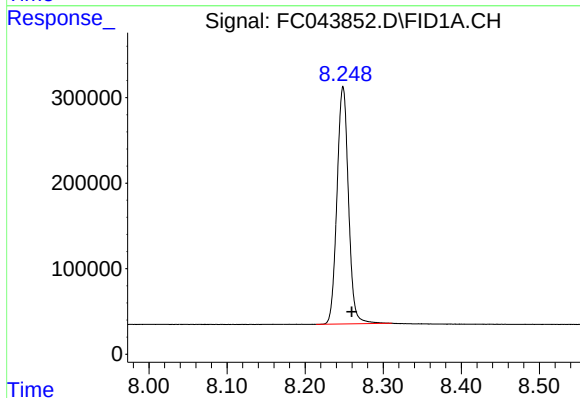
#4 n-Dodecane (C12)

R.T.: 6.474 min
Delta R.T.: -0.011 min
Response: 2837772
Conc: 22.44 ug/ml



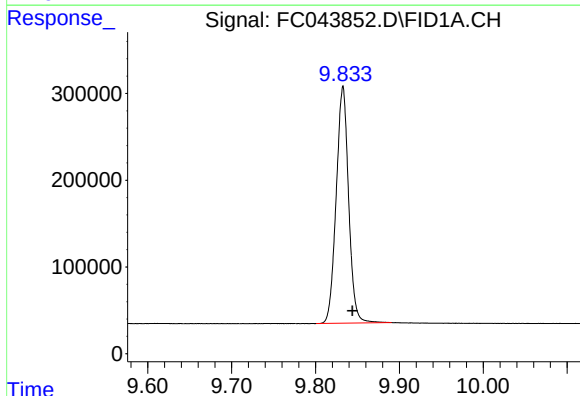
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.021 min
Response: 2698338
Conc: 22.39 ug/ml



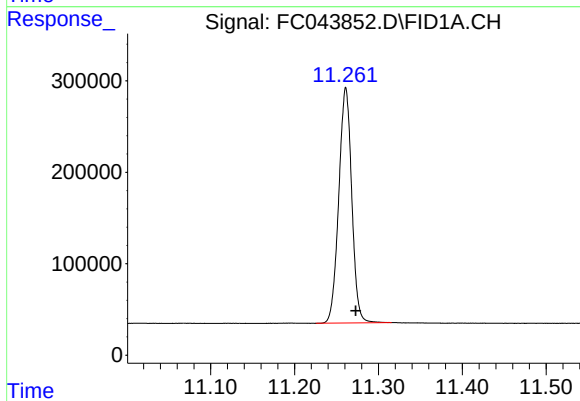
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.011 min
Response: 2832183
Conc: 22.00 ug/ml



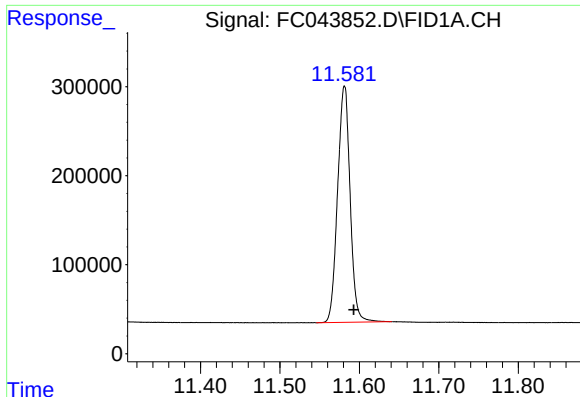
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.011 min
Response: 2813732
Conc: 21.37 ug/ml



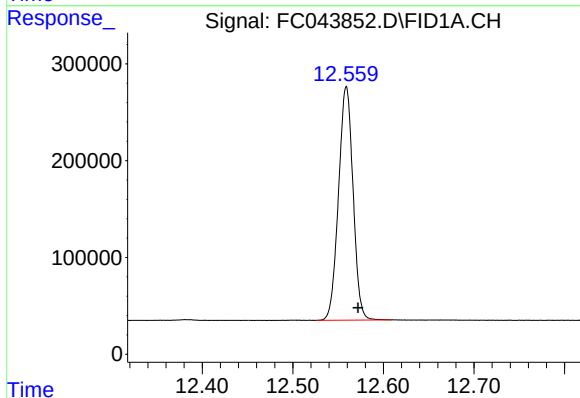
#8 n-Octadecane (C18)

R.T.: 11.261 min
Delta R.T.: -0.012 min
Response: 2766004
Conc: 20.28 ug/ml



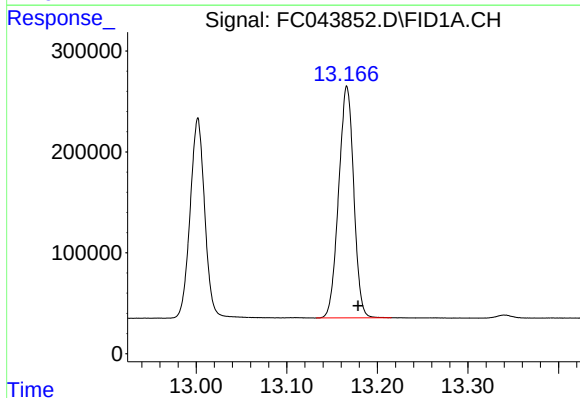
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 2908493
Conc: 19.16 ug/ml



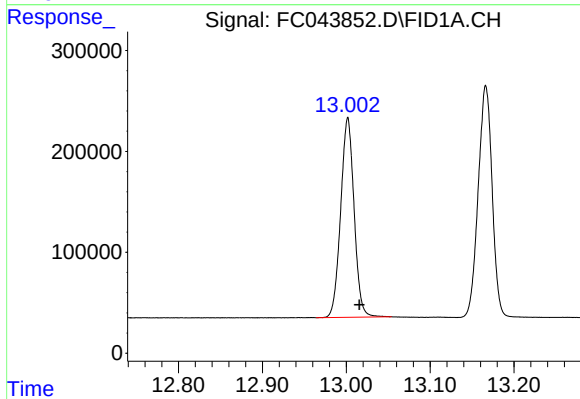
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.013 min
Response: 2686974
Conc: 19.25 ug/ml



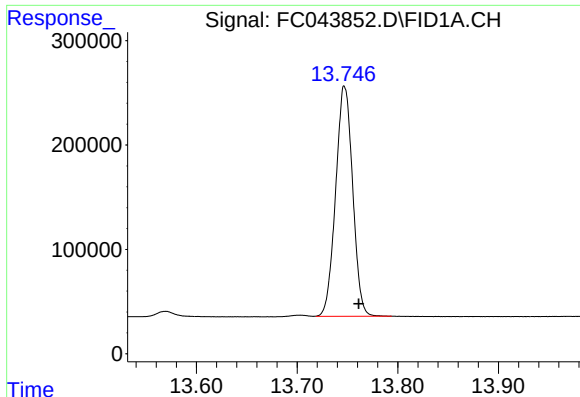
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.012 min
Response: 2655180
Conc: 18.68 ug/ml



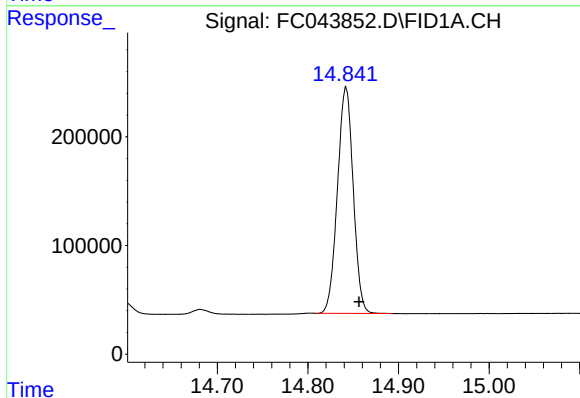
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.014 min
Response: 2198799
Conc: 18.55 ug/ml



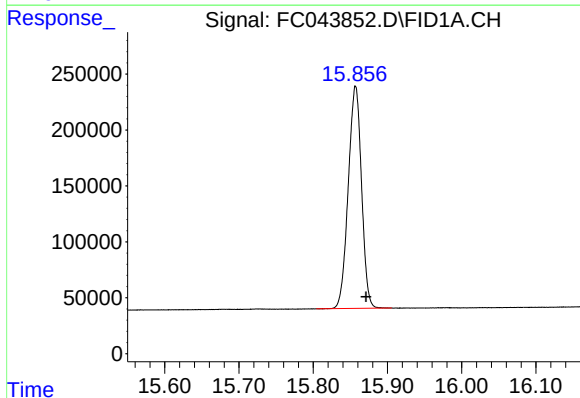
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: -0.014 min
Response: 2591027
Conc: 18.24 ug/ml



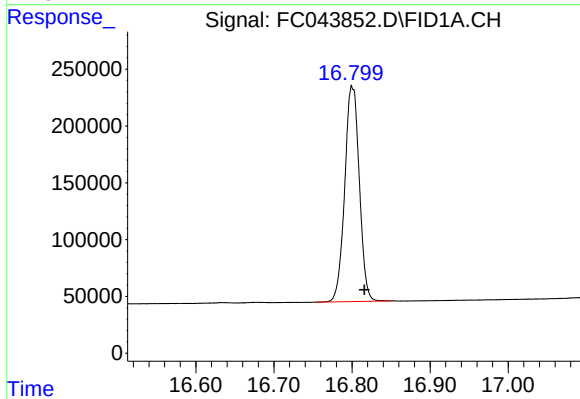
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.015 min
Response: 2517103
Conc: 17.53 ug/ml



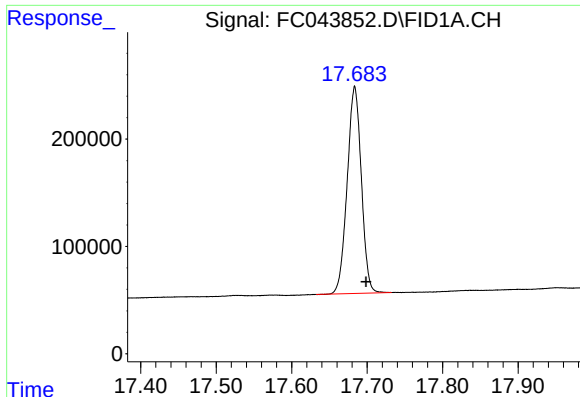
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.014 min
Response: 2469623
Conc: 17.27 ug/ml



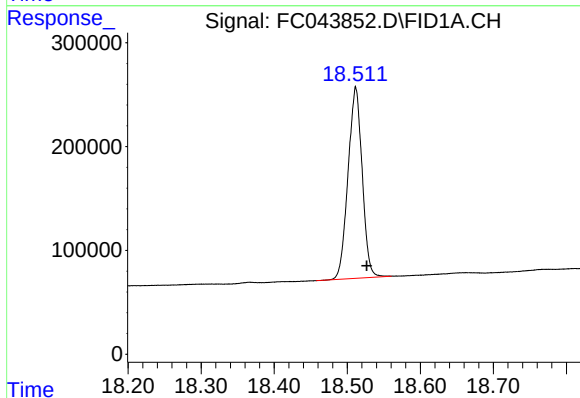
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.015 min
Response: 2462730
Conc: 17.37 ug/ml



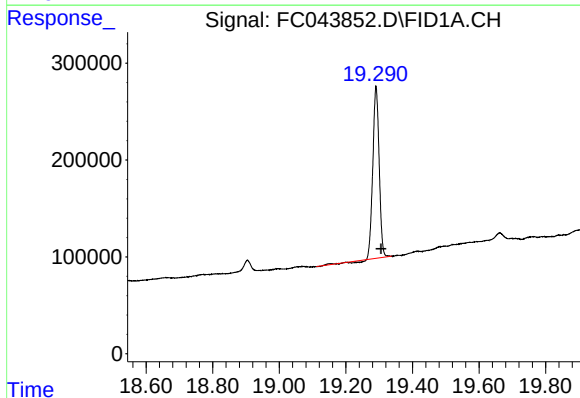
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.015 min
Response: 2511817
Conc: 17.91 ug/ml



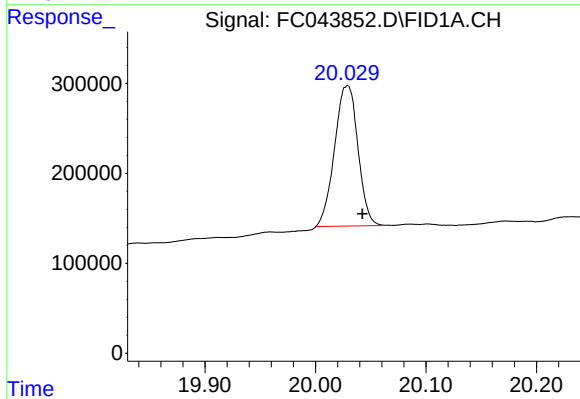
#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.015 min
Response: 2468771
Conc: 18.59 ug/ml



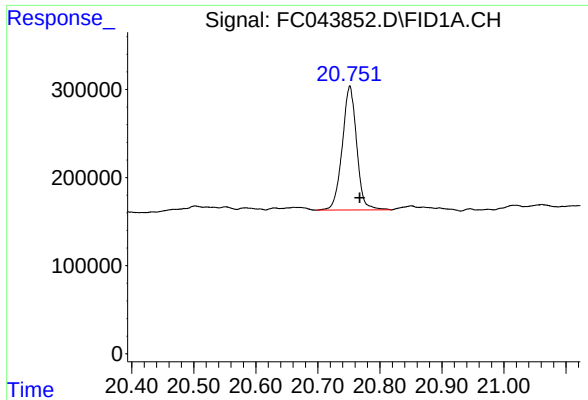
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: -0.015 min
Response: 2340520
Conc: 18.73 ug/ml



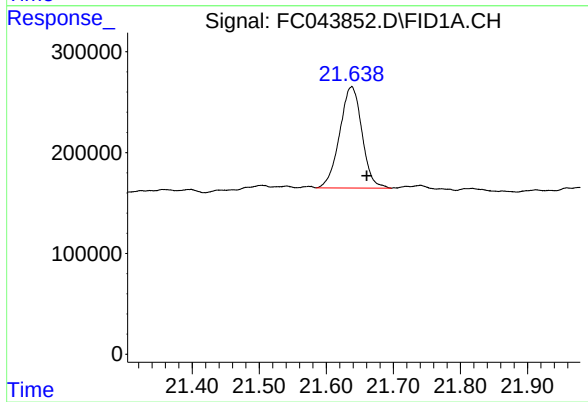
#20 n-Hexatriacontane (C36)

R.T.: 20.029 min
Delta R.T.: -0.014 min
Response: 2291861
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: -0.016 min
Response: 2271194
Conc: 21.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: -0.022 min
Response: 2322248
Conc: 22.21 ug/ml