Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101719AL\
Data File : FC044063.D
Signal(s) : FID1A.CH
Acq On : 17 Oct 2019 14:11
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 18 03:49:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
Quant Title : GC Extractables
QLast Update : Sat Oct 12 00:05:39 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)	11.562	2981493	19.643 ug/ml
Spiked Amount	50.000		Recovery =	39.29%
12) S	1-chlorooctadecane (S...	12.982	2289936	19.314 ug/ml
Spiked Amount	50.000		Recovery =	38.63%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	2644787	21.875 ug/ml
2) T	n-Decane (C10)	4.470	2720768	22.478 ug/ml
3) T	A~Naphthalene (C11.7)	6.051	2562947	21.769 ug/ml
4) T	n-Dodecane (C12)	6.460	2898988	22.920 ug/ml
5) T	A~2-methylnaphthalene...	7.096	2544227	21.113 ug/ml
6) T	n-Tetradecane (C14)	8.233	2900958	22.537 ug/ml
7) T	n-Hexadecane (C16)	9.815	2911365	22.111 ug/ml
8) T	n-Octadecane (C18)	11.242	2874374	21.074 ug/ml
10) T	n-Eicosane (C20)	12.540	2793037	20.011 ug/ml
11) T	n-Heneicosane (C21)	13.146	2764863	19.455 ug/ml
13) T	n-Docosane (C22)	13.728	2690404	18.935 ug/ml
14) T	n-Tetracosane (C24)	14.821	2615362	18.218 ug/ml
15) T	n-Hexacosane (C26)	15.834	2553230	17.855 ug/ml
16) T	n-Octacosane (C28)	16.778	2581811	18.213 ug/ml
17) T	n-Tricontane (C30)	17.660	2688456	19.170 ug/ml
18) T	n-Dotriacontane (C32)	18.487	2656465	19.998 ug/ml
19) T	n-Tetratriacontane (C34)	19.268	2567986	20.553 ug/ml
21) T	n-Octatriacontane (C38)	20.724	2325704	21.851 ug/ml
22) T	n-Tetracontane (C40)	21.599	2356840	22.541 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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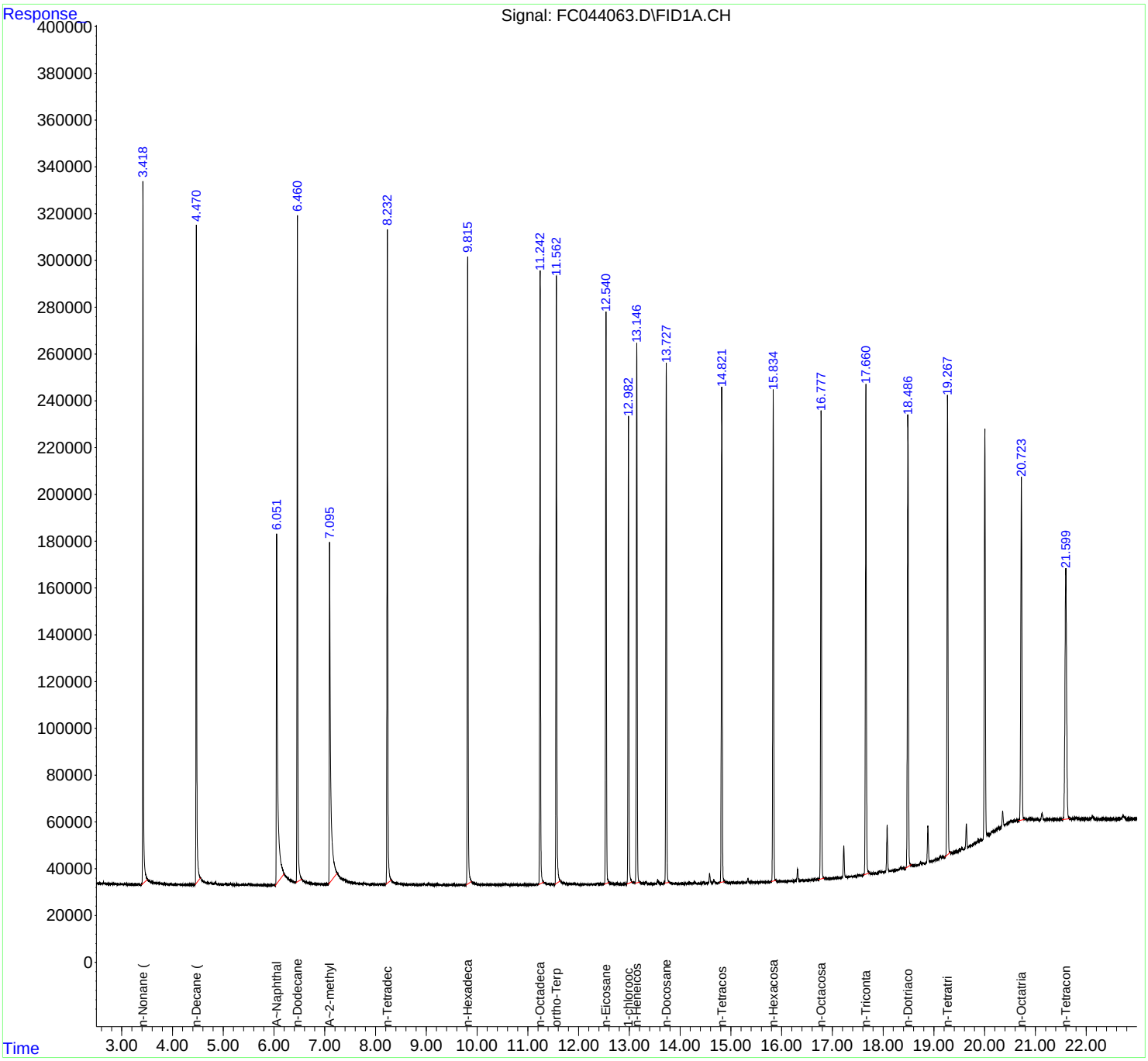
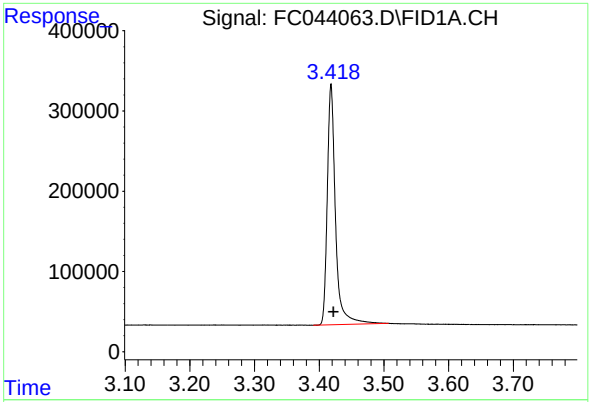
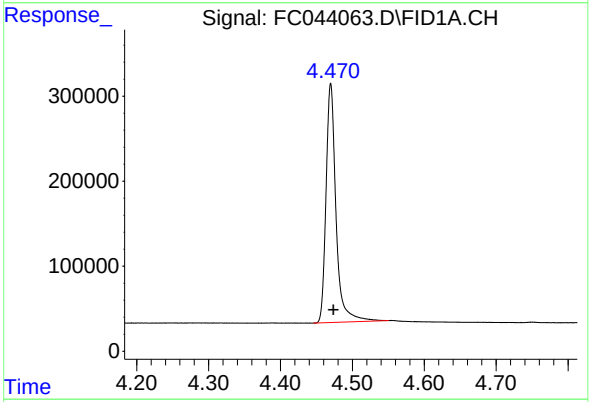
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





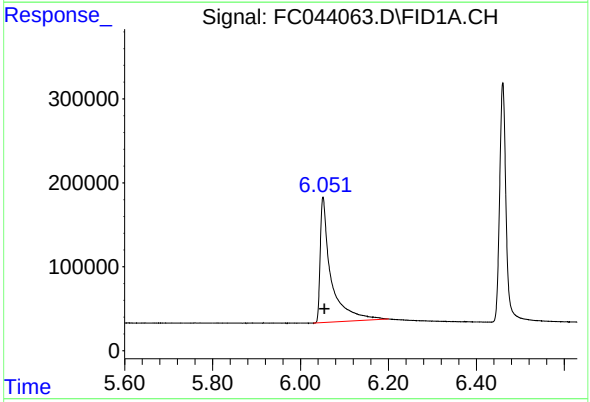
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2644787
Conc: 21.88 ug/ml



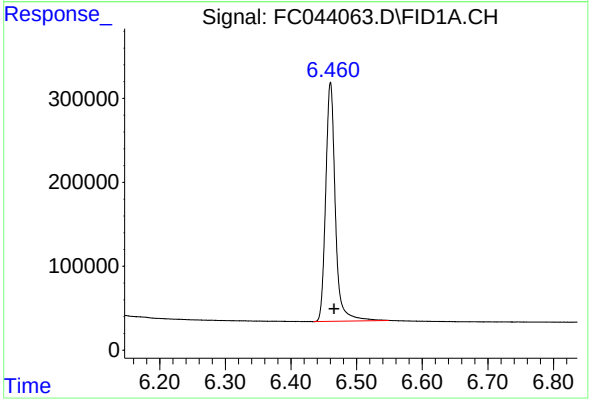
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 2720768
Conc: 22.48 ug/ml



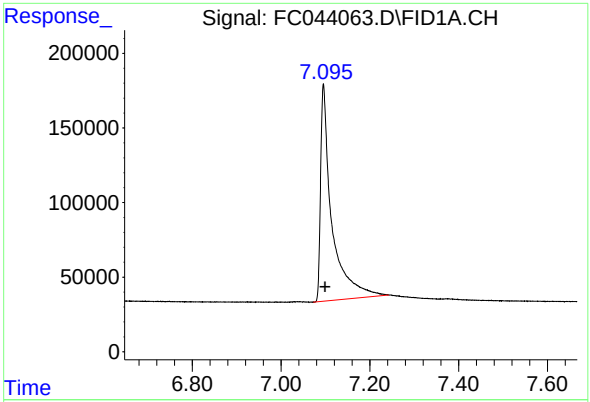
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 2562947
Conc: 21.77 ug/ml



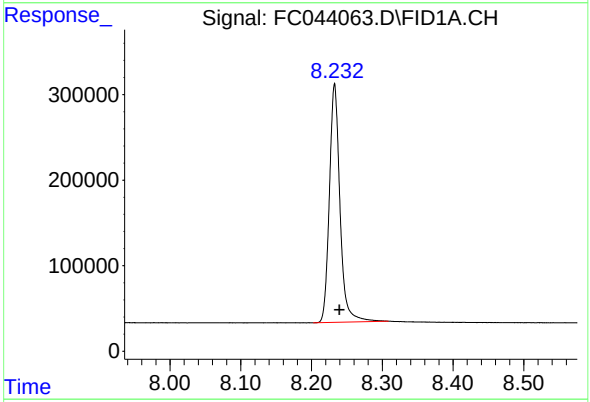
#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.005 min
Response: 2898988
Conc: 22.92 ug/ml



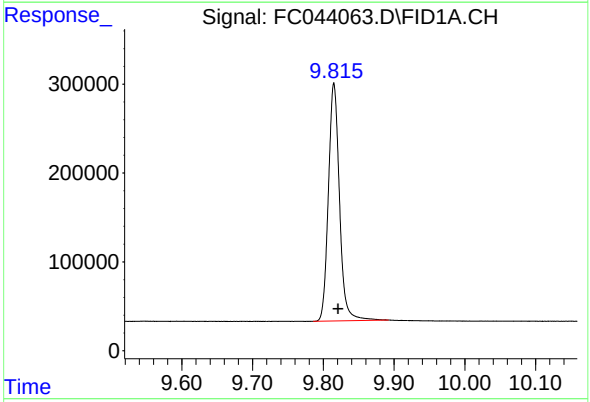
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 2544227
Conc: 21.11 ug/ml



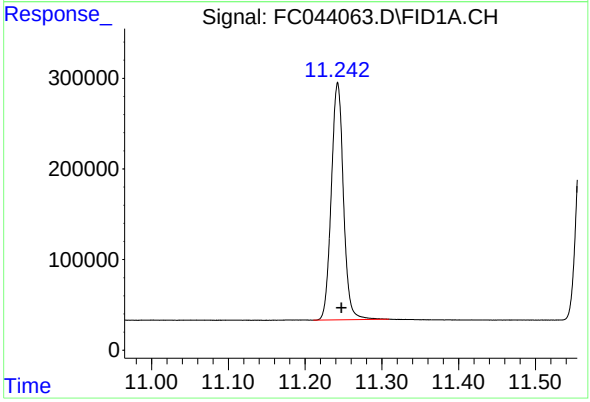
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.007 min
Response: 2900958
Conc: 22.54 ug/ml



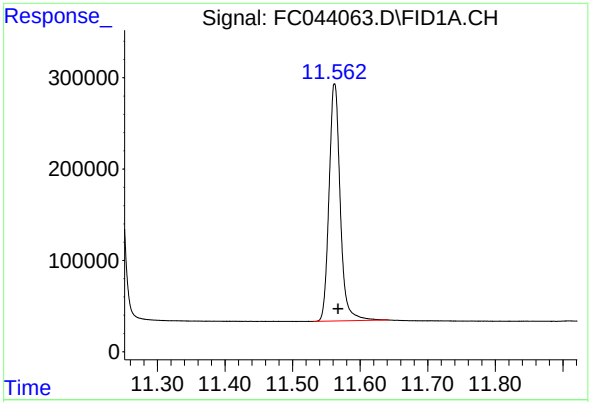
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.006 min
Response: 2911365
Conc: 22.11 ug/ml



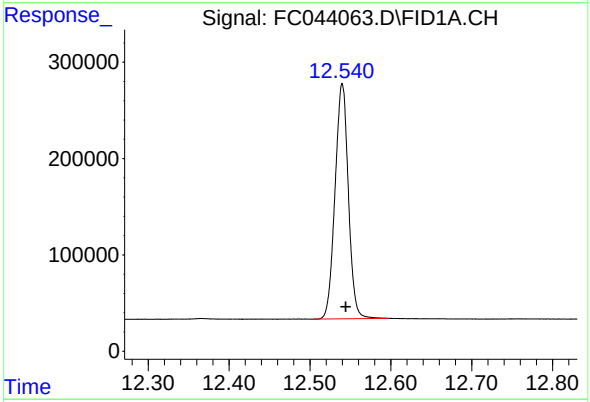
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.005 min
Response: 2874374
Conc: 21.07 ug/ml



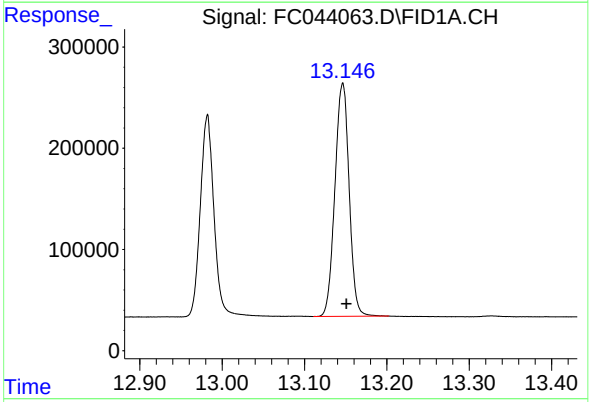
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.005 min
Response: 2981493
Conc: 19.64 ug/ml



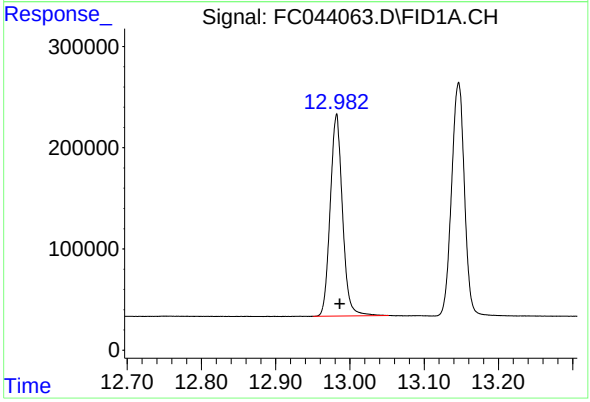
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: -0.004 min
Response: 2793037
Conc: 20.01 ug/ml



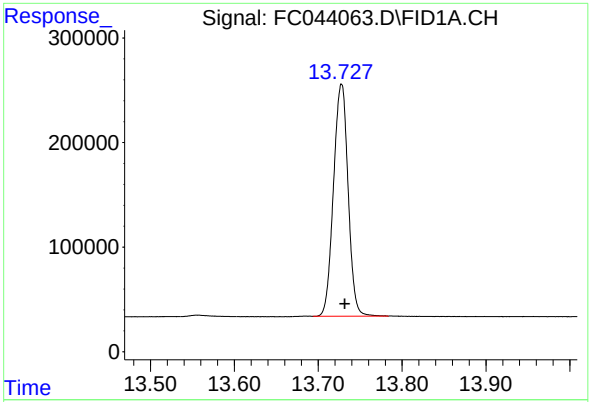
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.004 min
Response: 2764863
Conc: 19.46 ug/ml



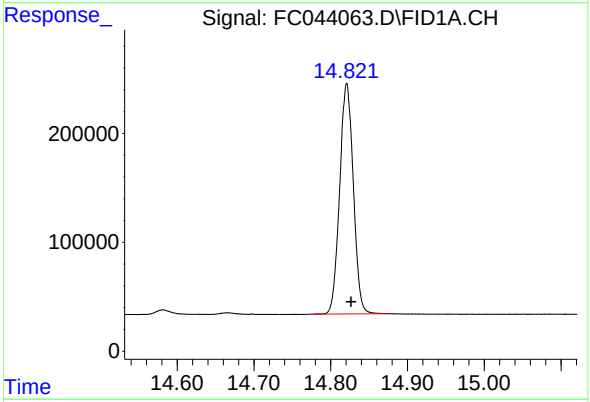
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: -0.004 min
Response: 2289936
Conc: 19.31 ug/ml



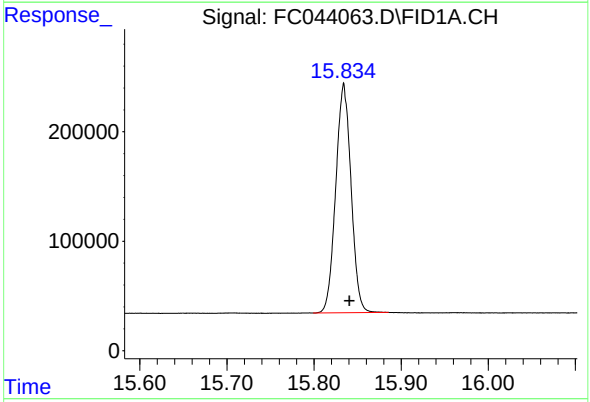
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.004 min
Response: 2690404
Conc: 18.93 ug/ml



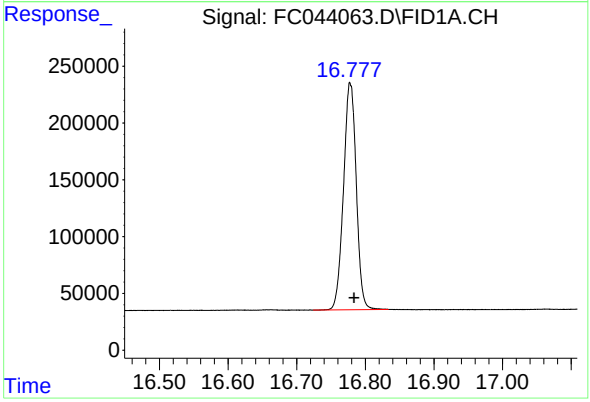
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.006 min
Response: 2615362
Conc: 18.22 ug/ml



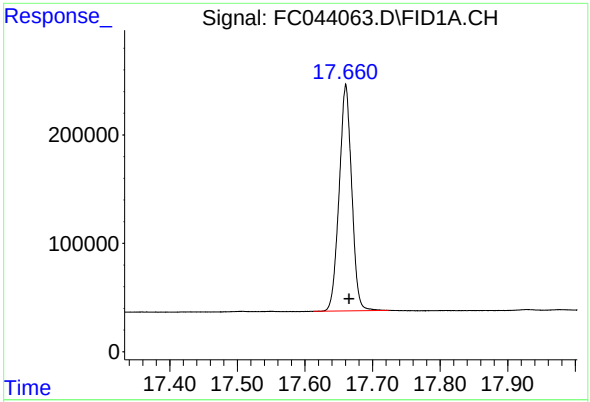
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.007 min
Response: 2553230
Conc: 17.86 ug/ml



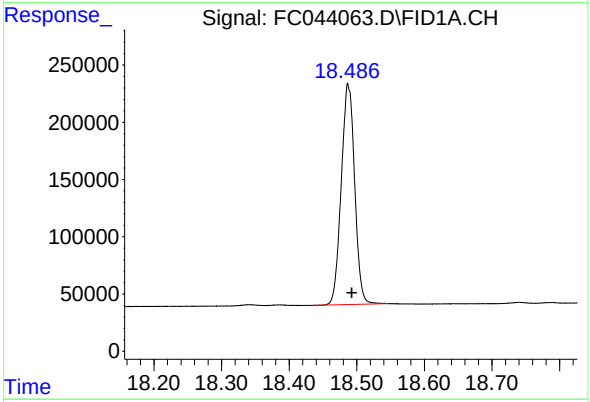
#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: -0.006 min
Response: 2581811
Conc: 18.21 ug/ml



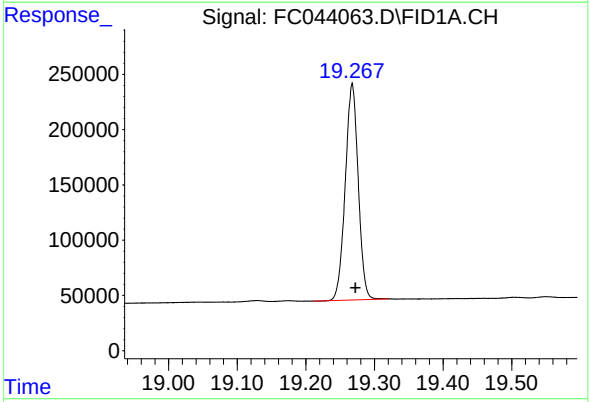
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.005 min
Response: 2688456
Conc: 19.17 ug/ml



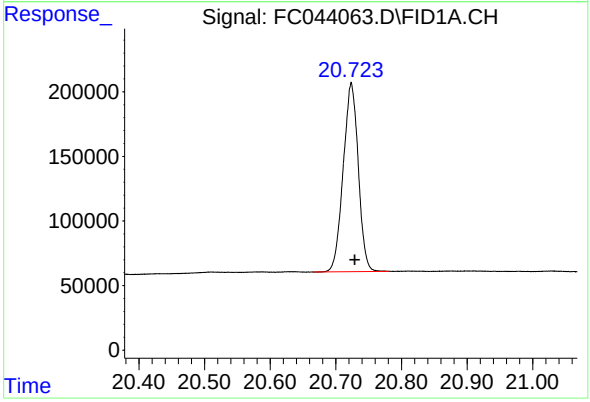
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.006 min
Response: 2656465
Conc: 20.00 ug/ml



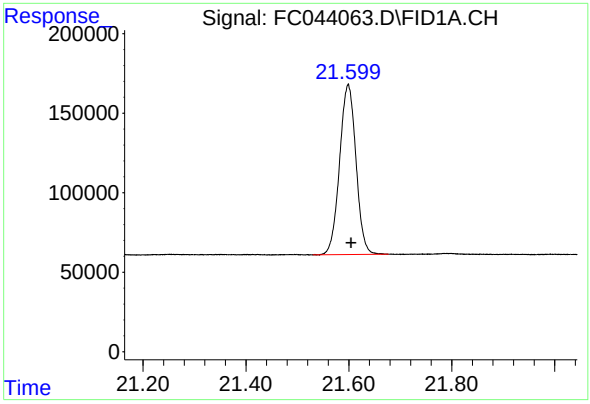
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.005 min
Response: 2567986
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.005 min
Response: 2325704
Conc: 21.85 ug/ml



#22 n-Tetracontane (C40)

R.T.:	21.599 min
Delta R.T.:	-0.006 min
Response:	2356840
Conc:	22.54 ug/ml