Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100118AL\
Data File : FC036622.D
Signal(s) : FID1A.CH
Acq On : 02 Oct 2018 7:52
Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 02 08:39:31 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 092118.M
Quant Title : GC Extractables
QLast Update : Fri Sep 21 15:20:52 2018
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)	11.383	2479885	20.396 ug/ml
Spiked Amount	50.000		Recovery =	40.79%
12) S	1-chlorooctadecane (S...	12.824	1868579	19.845 ug/ml
Spiked Amount	50.000		Recovery =	39.69%
	Target Compounds			
1) T	n-Nonane (C9)	3.191	1756391	19.711 ug/ml
2) T	n-Decane (C10)	4.256	1855549	20.641 ug/ml
3) T	A~Naphthalene (C11.7)	5.828	2246914	22.417 ug/ml
4) T	n-Dodecane (C12)	6.268	1964827	21.083 ug/ml
5) T	A~2-methylnaphthalene...	6.878	2273567	22.614 ug/ml
6) T	n-Tetradecane (C14)	8.053	2054339	21.002 ug/ml
7) T	n-Hexadecane (C16)	9.645	2105134	20.484 ug/ml
8) T	n-Octadecane (C18)	11.080	2153276	19.828 ug/ml
10) T	n-Eicosane (C20)	12.384	2189288	19.791 ug/ml
11) T	n-Heneicosane (C21)	12.993	2183291	19.865 ug/ml
13) T	n-Docosane (C22)	13.577	2207515	20.218 ug/ml
14) T	n-Tetracosane (C24)	14.675	2273234	20.821 ug/ml
15) T	n-Hexacosane (C26)	15.692	2309806	21.381 ug/ml
16) T	n-Octacosane (C28)	16.638	2391589	21.676 ug/ml
17) T	n-Tricontane (C30)	17.523	2437596	20.949 ug/ml
18) T	n-Dotriacontane (C32)	18.353	2546429	21.837 ug/ml
19) T	n-Tetratriacontane (C34)	19.133	2401700	21.433 ug/ml
20) T	n-Hexatriacontane (C36)	19.871	2331919	22.024 ug/ml
21) T	n-Octatriacontane (C38)	20.578	2167454	20.505 ug/ml
22) T	n-Tetracontane (C40)	21.416	2548291	23.734 ug/ml

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

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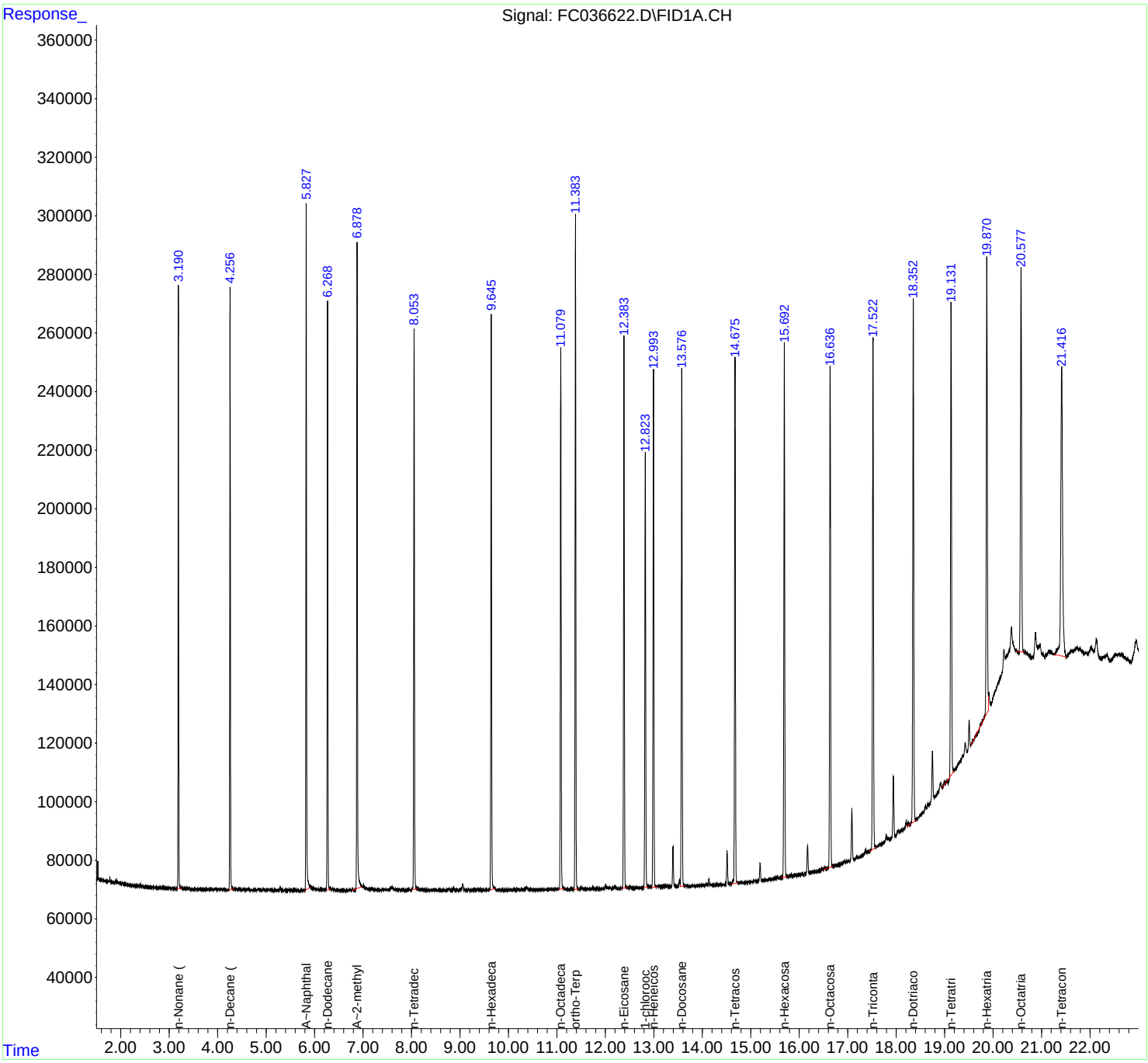
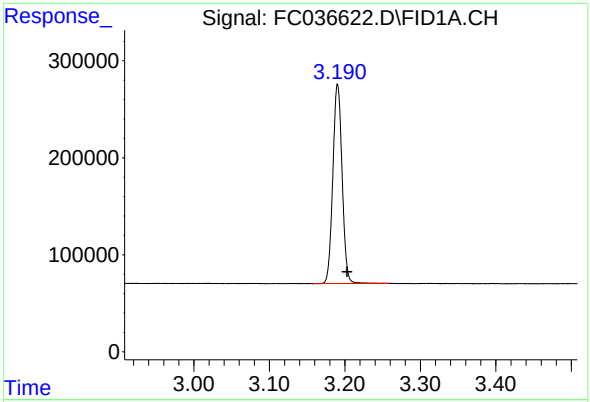
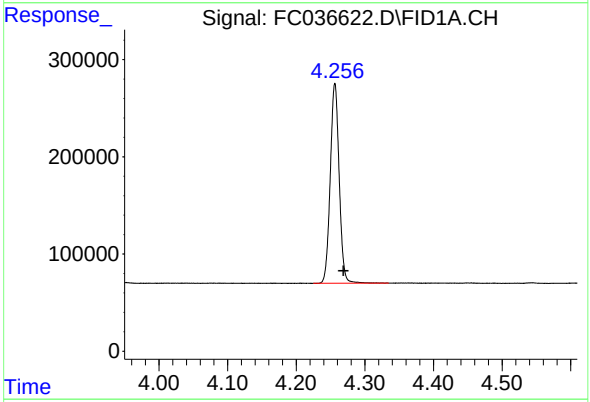




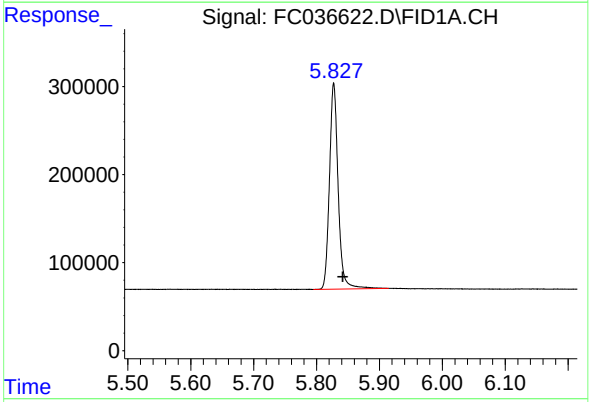
#1 n-Nonane (C9)

R.T.: 3.191 min
Delta R.T.: -0.012 min
Response: 1756391
Conc: 19.71 ug/ml



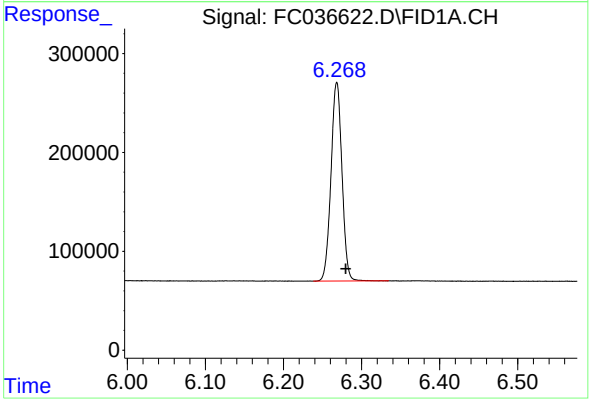
#2 n-Decane (C10)

R.T.: 4.256 min
Delta R.T.: -0.012 min
Response: 1855549
Conc: 20.64 ug/ml



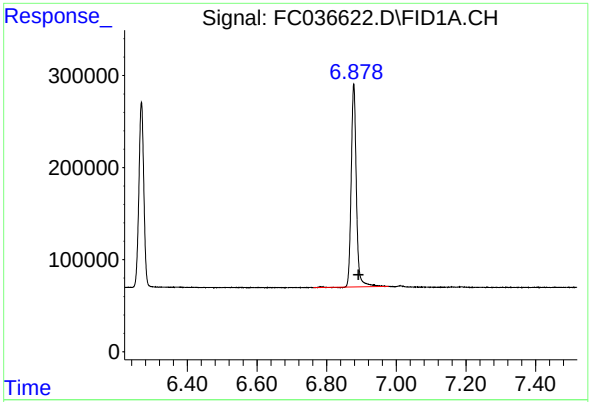
#3 A~Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.014 min
Response: 2246914
Conc: 22.42 ug/ml



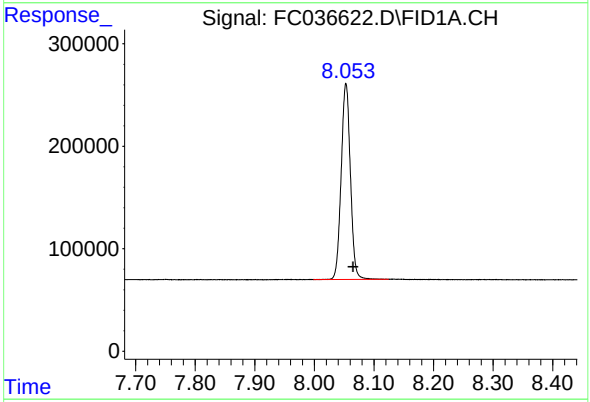
#4 n-Dodecane (C12)

R.T.: 6.268 min
Delta R.T.: -0.012 min
Response: 1964827
Conc: 21.08 ug/ml



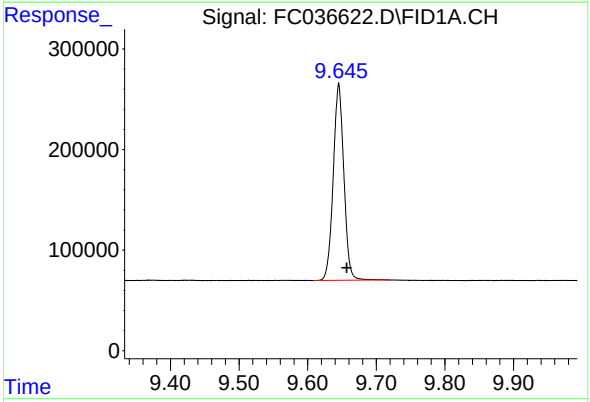
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.013 min
Response: 2273567
Conc: 22.61 ug/ml



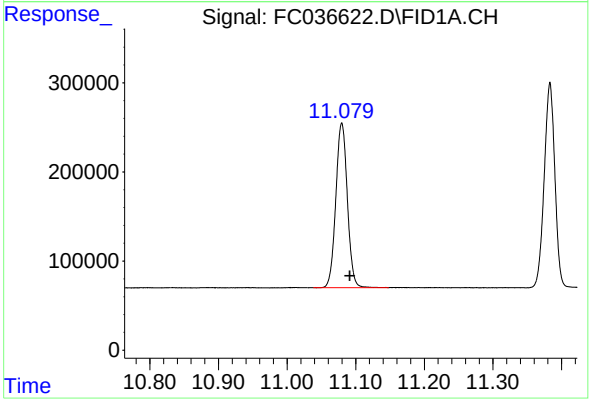
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.012 min
Response: 2054339
Conc: 21.00 ug/ml



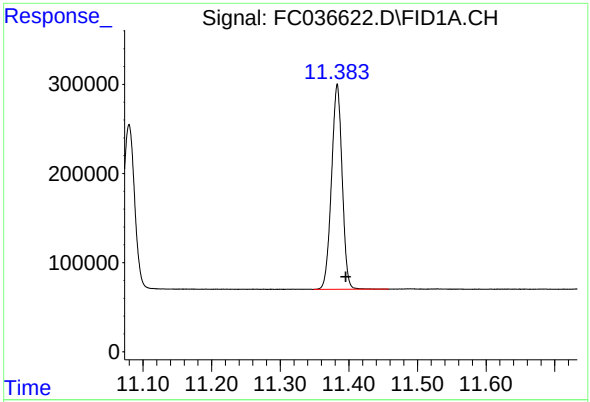
#7 n-Hexadecane (C16)

R.T.: 9.645 min
Delta R.T.: -0.012 min
Response: 2105134
Conc: 20.48 ug/ml



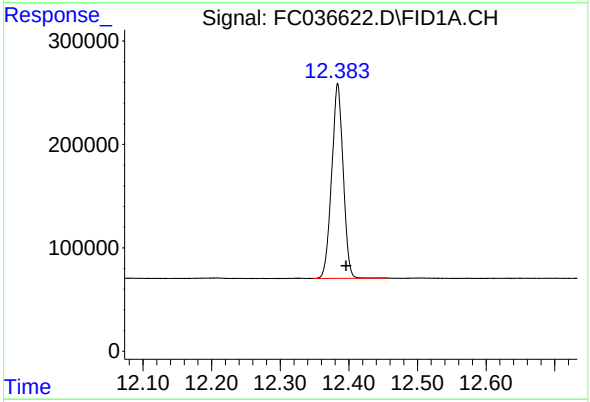
#8 n-Octadecane (C18)

R.T.: 11.080 min
Delta R.T.: -0.012 min
Response: 2153276
Conc: 19.83 ug/ml



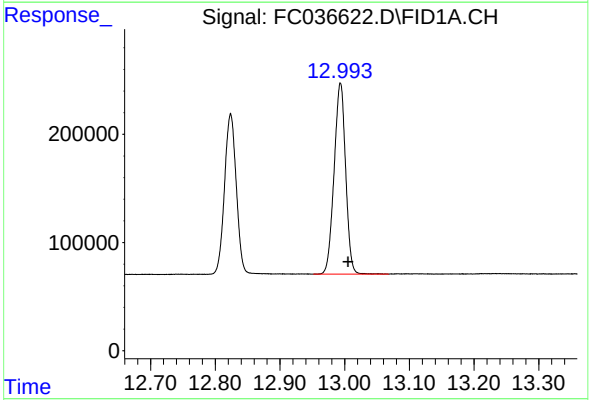
#9 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.012 min
Response: 2479885
Conc: 20.40 ug/ml



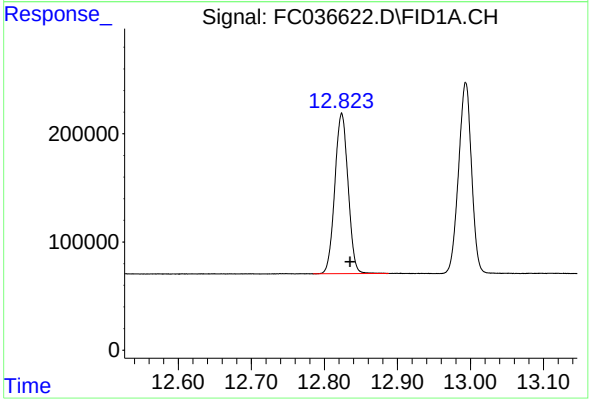
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.012 min
Response: 2189288
Conc: 19.79 ug/ml



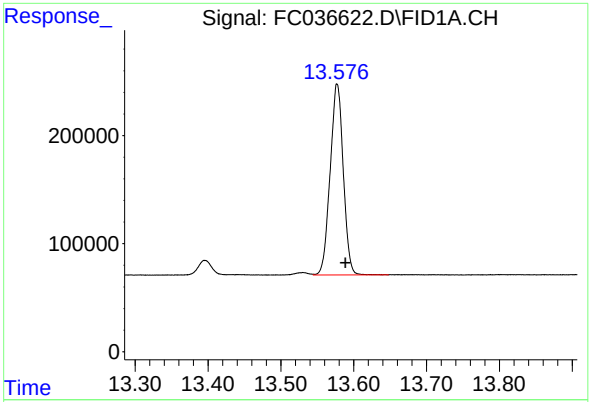
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.012 min
Response: 2183291
Conc: 19.87 ug/ml



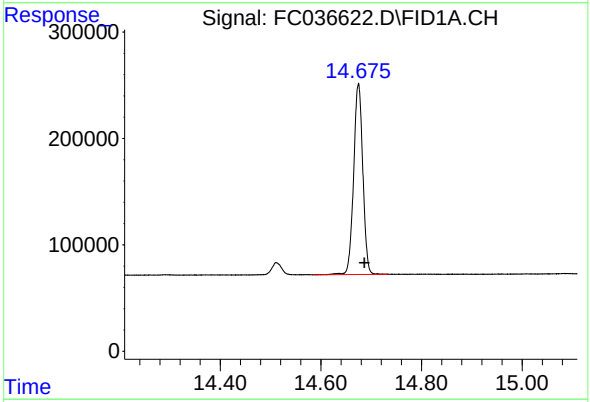
#12 1-chlorooctadecane (SURR)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 1868579
Conc: 19.84 ug/ml



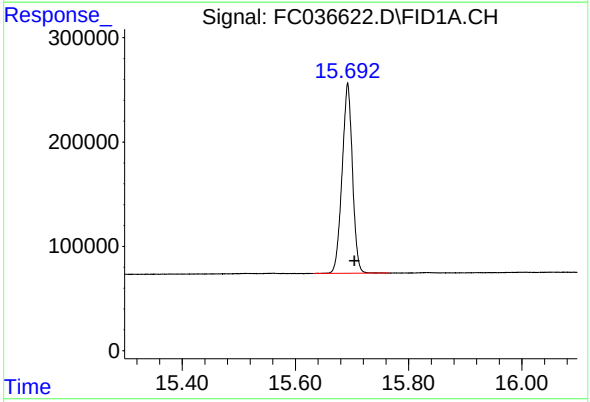
#13 n-Docosane (C22)

R.T.: 13.577 min
Delta R.T.: -0.011 min
Response: 2207515
Conc: 20.22 ug/ml



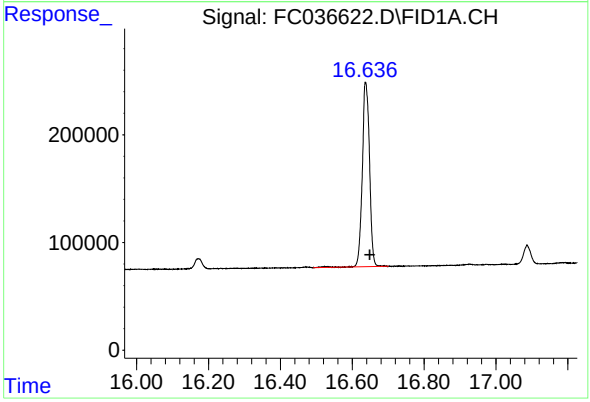
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: -0.012 min
Response: 2273234
Conc: 20.82 ug/ml



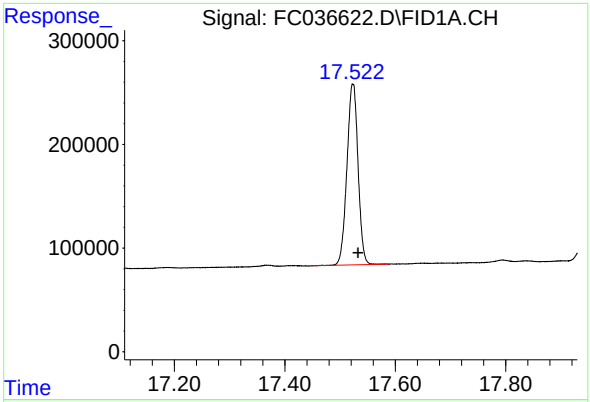
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: -0.012 min
Response: 2309806
Conc: 21.38 ug/ml



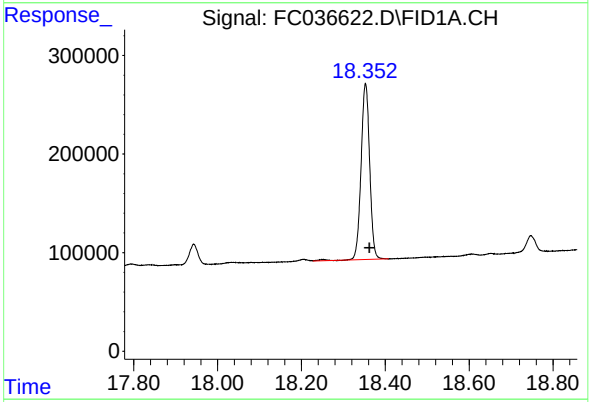
#16 n-Octacosane (C28)

R.T.: 16.638 min
Delta R.T.: -0.011 min
Response: 2391589
Conc: 21.68 ug/ml



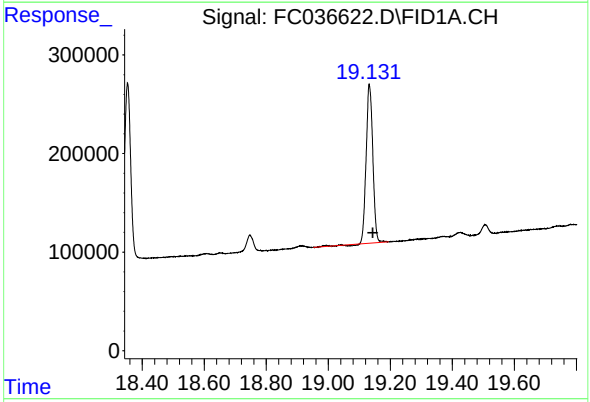
#17 n-Tricontane (C30)

R.T.: 17.523 min
Delta R.T.: -0.009 min
Response: 2437596
Conc: 20.95 ug/ml



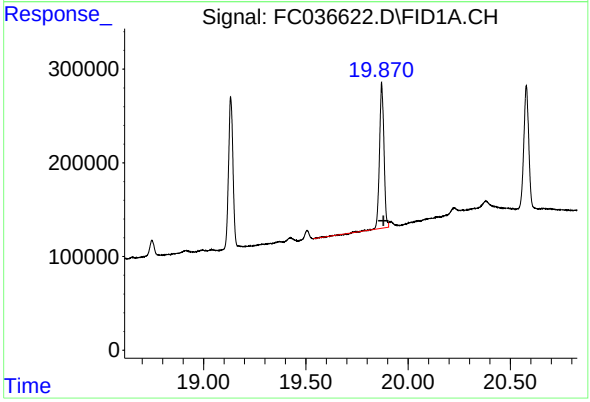
#18 n-Dotriacontane (C32)

R.T.: 18.353 min
Delta R.T.: -0.009 min
Response: 2546429
Conc: 21.84 ug/ml



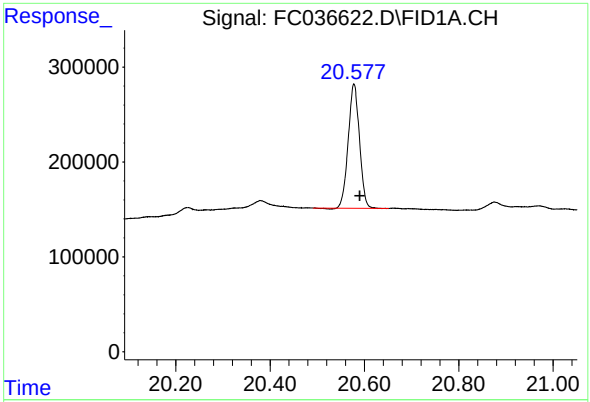
#19 n-Tetratriacontane (C34)

R.T.: 19.133 min
Delta R.T.: -0.011 min
Response: 2401700
Conc: 21.43 ug/ml



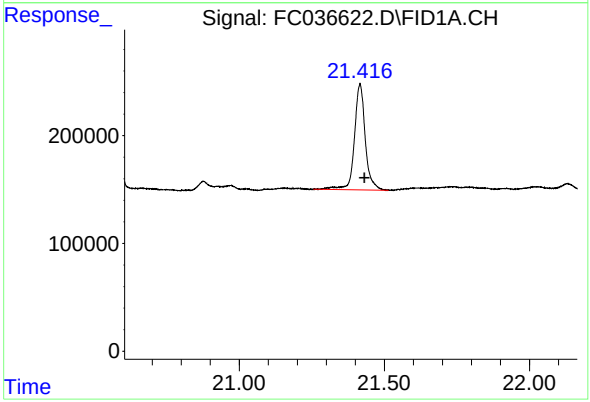
#20 n-Hexatriacontane (C36)

R.T.: 19.871 min
Delta R.T.: -0.009 min
Response: 2331919
Conc: 22.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.:	20.578 min
Delta R.T.:	-0.012 min
Response:	2167454
Conc:	20.50 ug/ml



#22 n-Tetracontane (C40)

R.T.:	21.416 min
Delta R.T.:	-0.015 min
Response:	2548291
Conc:	23.73 ug/ml