

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061120AL\
 Data File : FC047812.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jun 2020 10:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 12 01:22:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.732	2484933	20.715 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	13.146	1999498	20.417 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.542	2163257	21.617 ug/ml
2) T n-Decane (C10)	4.604	2192712	21.823 ug/ml
3) T A~Naphthalene (C11.7)	6.203	2231432	22.116 ug/ml
4) T n-Dodecane (C12)	6.604	2277386	21.755 ug/ml
5) T A~2-methylnaphthalene...	7.251	2260400	21.838 ug/ml
6) T n-Tetradecane (C14)	8.382	2277293	21.698 ug/ml
7) T n-Hexadecane (C16)	9.969	2252023	21.555 ug/ml
8) T n-Octadecane (C18)	11.399	2349369	21.135 ug/ml
10) T n-Eicosane (C20)	12.699	2351110	20.660 ug/ml
11) T n-Heneicosane (C21)	13.307	2331208	20.372 ug/ml
13) T n-Docosane (C22)	13.889	2306052	20.104 ug/ml
14) T n-Tetracosane (C24)	14.986	2233708	19.438 ug/ml
15) T n-Hexacosane (C26)	16.000	2136070	18.701 ug/ml
16) T n-Octacosane (C28)	16.945	2064490	18.164 ug/ml
17) T n-Tricontane (C30)	17.827	1979964	18.066 ug/ml
18) T n-Dotriacontane (C32)	18.653	1814389	18.302 ug/ml
19) T n-Tetratriacontane (C34)	19.431	1698851	18.549 ug/ml
20) T n-Hexatriacontane (C36)	20.164	1629719	19.004 ug/mlm
21) T n-Octatriacontane (C38)	20.916	1575166	19.780 ug/ml
22) T n-Tetracontane (C40)	21.858	1606774	20.322 ug/ml

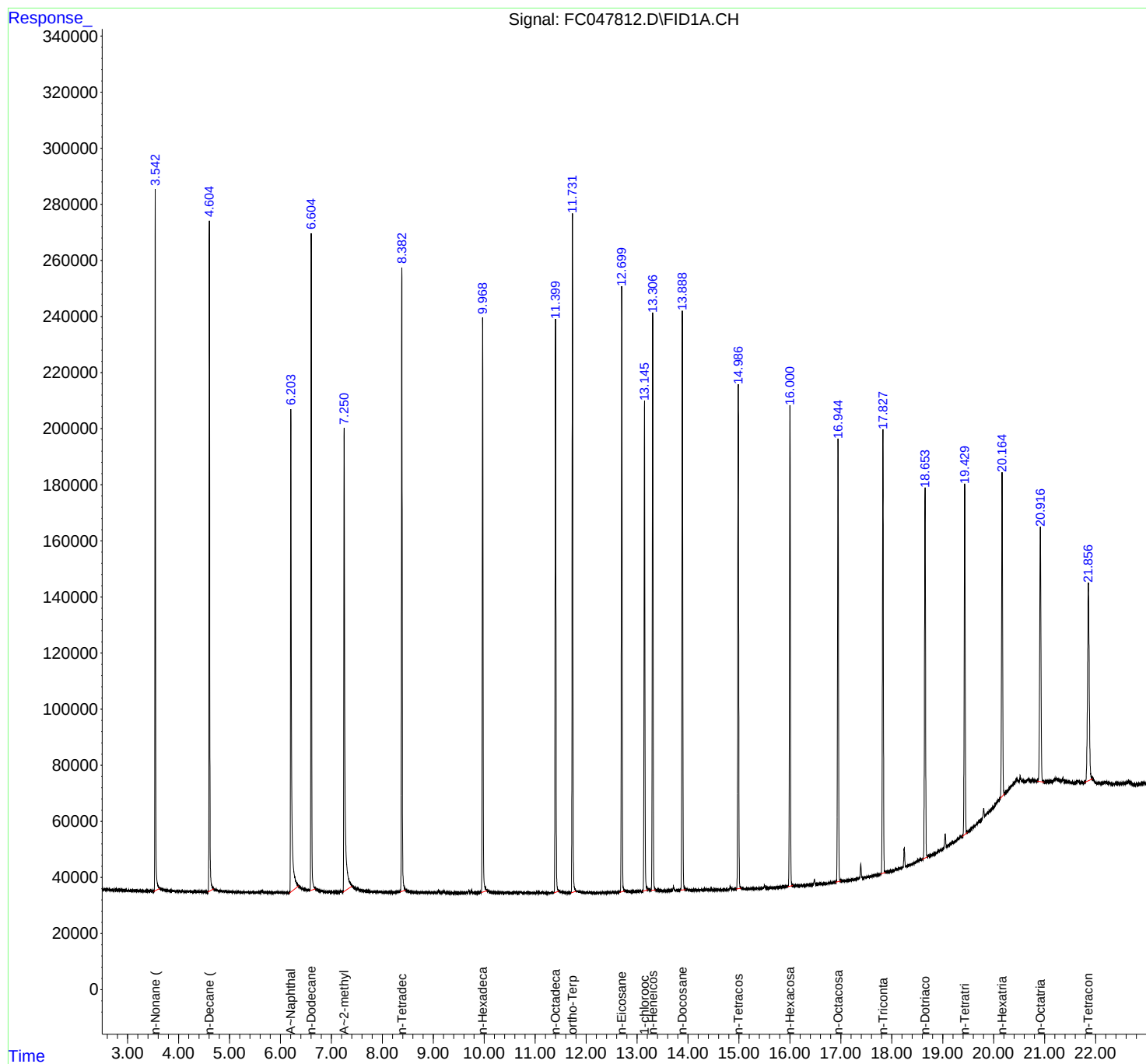
(f)=RT Delta > 1/2 Window

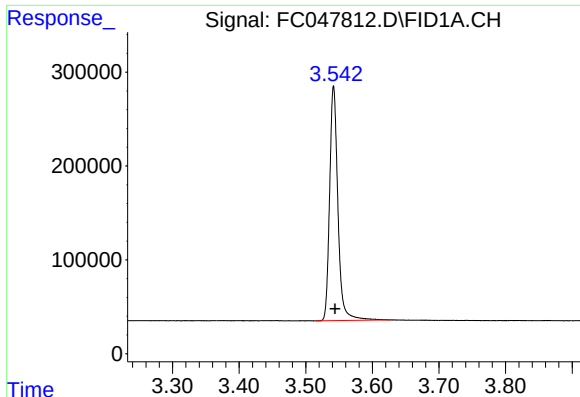
(m)=manual int.

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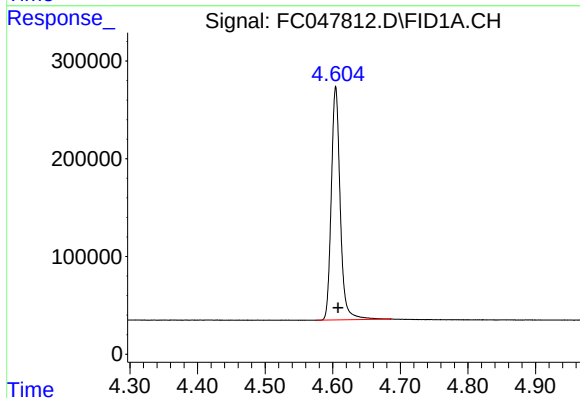
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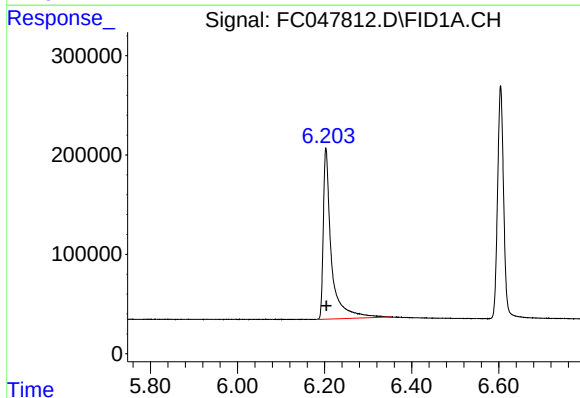
#1 n-Nonane (C9)

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 2163257
Conc: 21.62 ug/ml



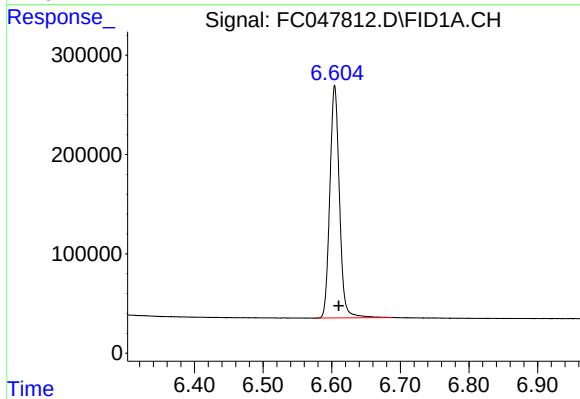
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 2192712
Conc: 21.82 ug/ml



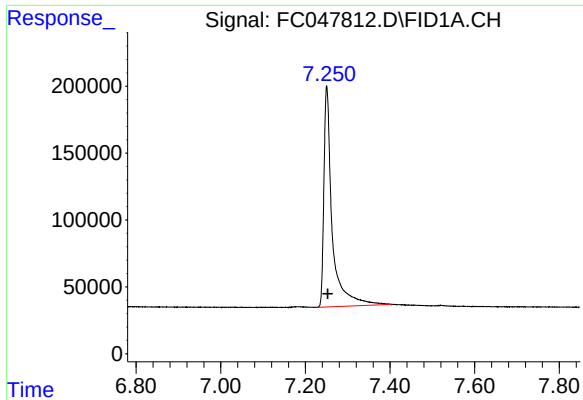
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 2231432
Conc: 22.12 ug/ml



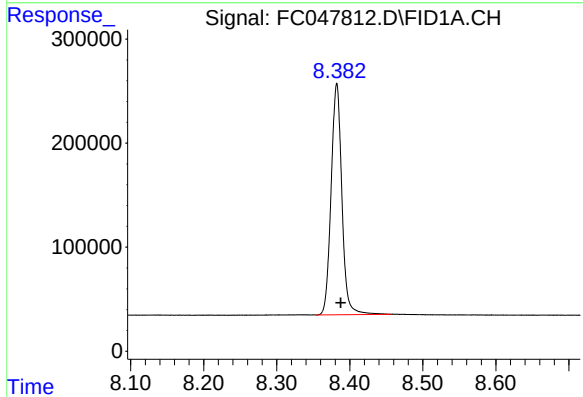
#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 2277386
Conc: 21.75 ug/ml



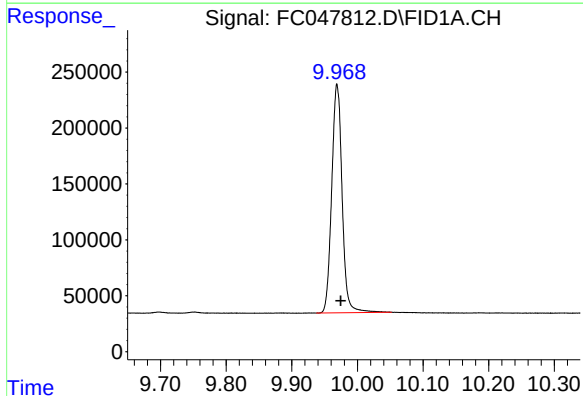
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: -0.002 min
Response: 2260400
Conc: 21.84 ug/ml



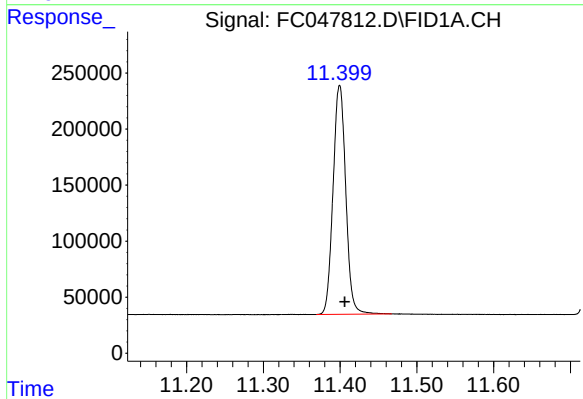
#6 n-Tetradecane (C14)

R.T.: 8.382 min
Delta R.T.: -0.005 min
Response: 2277293
Conc: 21.70 ug/ml



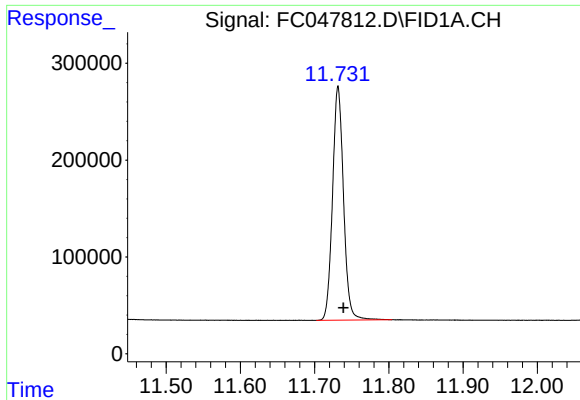
#7 n-Hexadecane (C16)

R.T.: 9.969 min
Delta R.T.: -0.005 min
Response: 2252023
Conc: 21.55 ug/ml



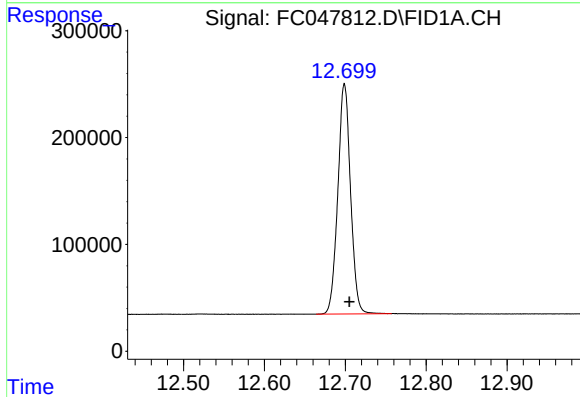
#8 n-Octadecane (C18)

R.T.: 11.399 min
Delta R.T.: -0.006 min
Response: 2349369
Conc: 21.14 ug/ml



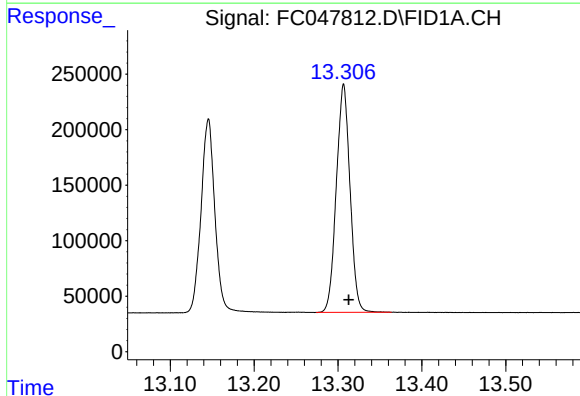
#9 ortho-Terphenyl (SURR)

R.T.: 11.732 min
Delta R.T.: -0.007 min
Response: 2484933
Conc: 20.72 ug/ml



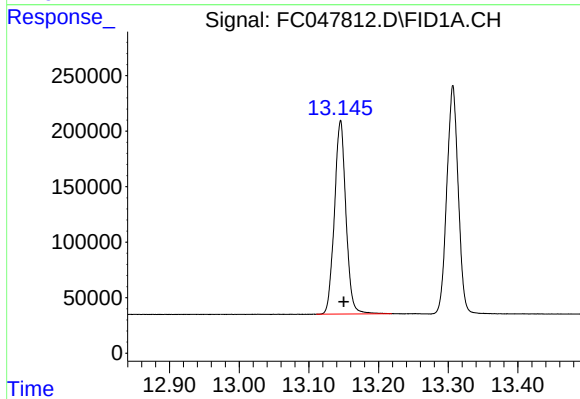
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.006 min
Response: 2351110
Conc: 20.66 ug/ml



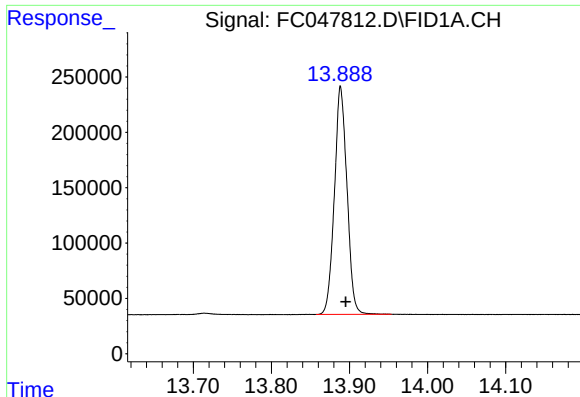
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: -0.006 min
Response: 2331208
Conc: 20.37 ug/ml



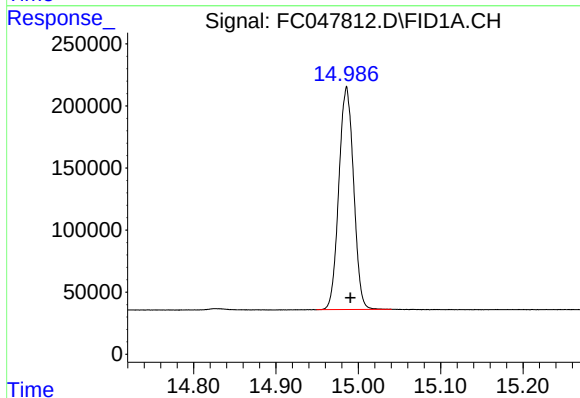
#12 1-chlorooctadecane (SURR)

R.T.: 13.146 min
Delta R.T.: -0.005 min
Response: 1999498
Conc: 20.42 ug/ml



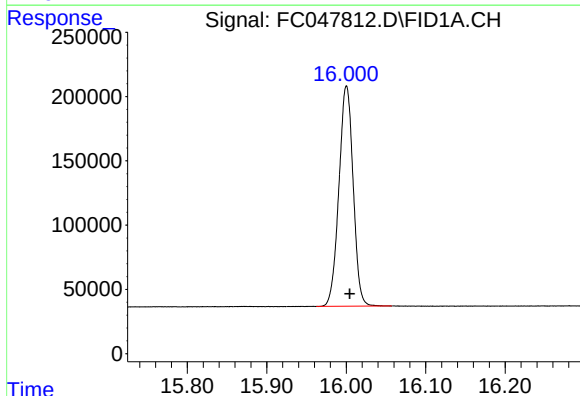
#13 n-Docosane (C22)

R.T.: 13.889 min
Delta R.T.: -0.006 min
Response: 2306052
Conc: 20.10 ug/ml



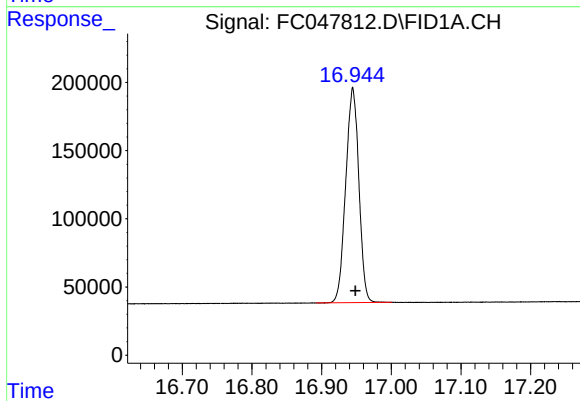
#14 n-Tetracosane (C24)

R.T.: 14.986 min
Delta R.T.: -0.005 min
Response: 2233708
Conc: 19.44 ug/ml



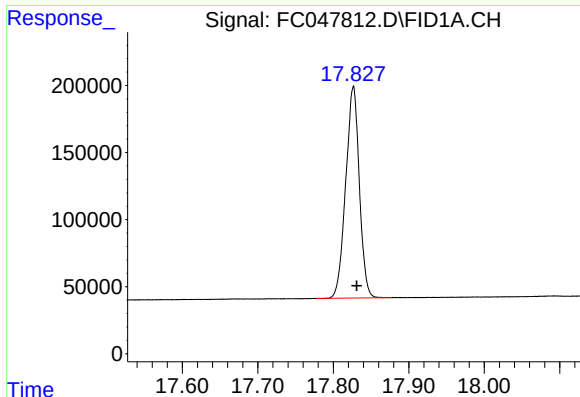
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.004 min
Response: 2136070
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.003 min
Response: 2064490
Conc: 18.16 ug/ml



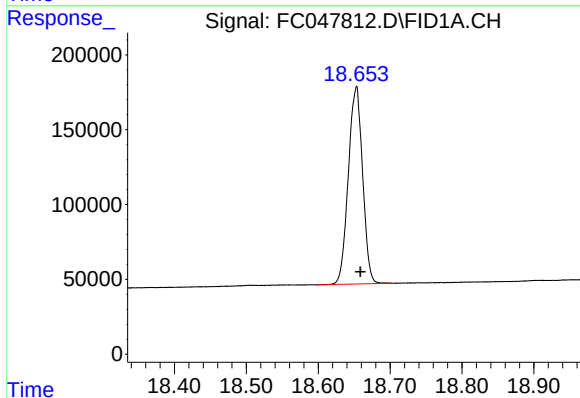
#17 n-Tricontane (C30)

R.T.: 17.827 min

Delta R.T.: -0.004 min

Response: 1979964

Conc: 18.07 ug/ml



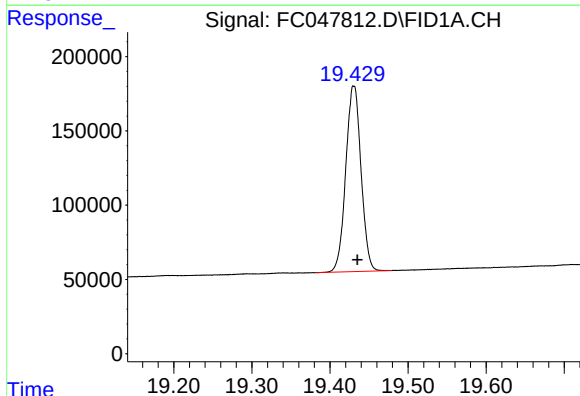
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.005 min

Response: 1814389

Conc: 18.30 ug/ml



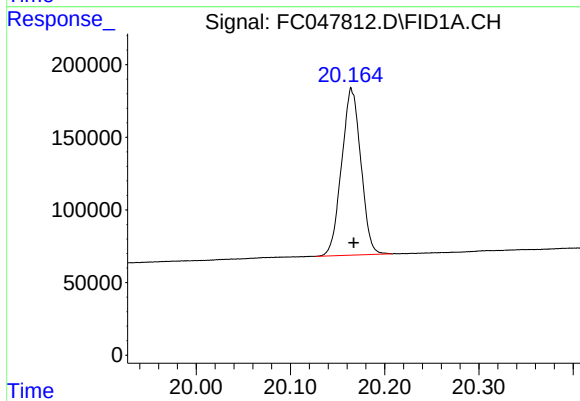
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min

Delta R.T.: -0.005 min

Response: 1698851

Conc: 18.55 ug/ml



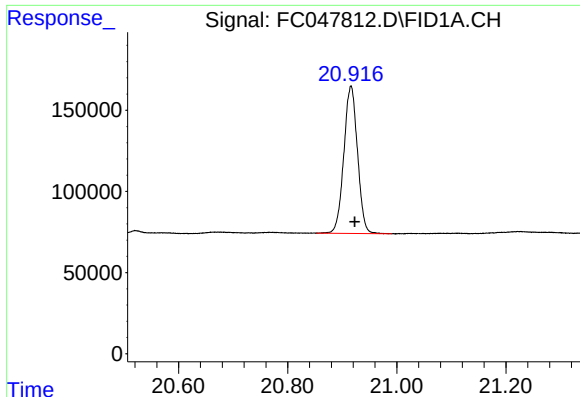
#20 n-Hexatriacontane (C36)

R.T.: 20.164 min

Delta R.T.: -0.003 min

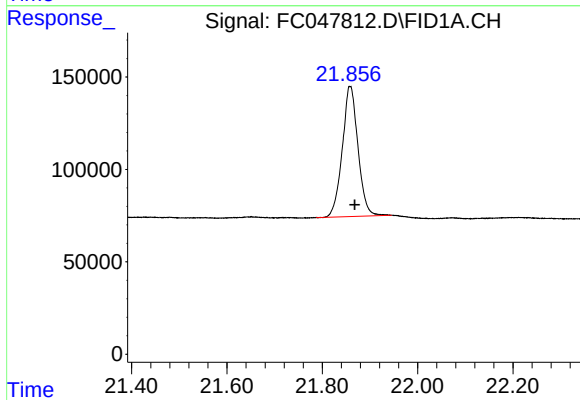
Response: 1629719

Conc: 19.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.916 min
Delta R.T.: -0.007 min
Response: 1575166
Conc: 19.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.858 min
Delta R.T.: -0.010 min
Response: 1606774
Conc: 20.32 ug/ml