

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081719AL\
 Data File : FC042978.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2019 12:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 19 02:07:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.680	2772710	19.519 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.101	2291733	19.307 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.489	2717757	21.916 ug/ml
2) T n-Decane (C10)	4.550	2808918	22.389 ug/ml
3) T A~Naphthalene (C11.7)	6.137	2988113	22.059 ug/ml
4) T n-Dodecane (C12)	6.553	2823116	22.259 ug/ml
5) T A~2-methylnaphthalene...	7.186	2987186	21.960 ug/ml
6) T n-Tetradecane (C14)	8.333	2798462	21.932 ug/ml
7) T n-Hexadecane (C16)	9.923	2761908	21.367 ug/ml
8) T n-Octadecane (C18)	11.355	2717417	20.538 ug/ml
10) T n-Eicosane (C20)	12.657	2666608	19.727 ug/ml
11) T n-Heneicosane (C21)	13.265	2613575	19.335 ug/ml
13) T n-Docosane (C22)	13.849	2571034	18.938 ug/ml
14) T n-Tetracosane (C24)	14.946	2492076	18.302 ug/ml
15) T n-Hexacosane (C26)	15.962	2437570	18.071 ug/ml
16) T n-Octacosane (C28)	16.908	2418728	18.176 ug/ml
17) T n-Tricontane (C30)	17.790	2356719	18.406 ug/mlm
18) T n-Dotriacontane (C32)	18.619	2246179	19.264 ug/mlm
19) T n-Tetratriacontane (C34)	19.400	1961509	20.417 ug/ml
20) T n-Hexatriacontane (C36)	20.135	1774821	21.395 ug/mlm
21) T n-Octatriacontane (C38)	20.878	1705157	23.049 ug/ml
22) T n-Tetracontane (C40)	21.803	1799867	24.918 ug/mlm

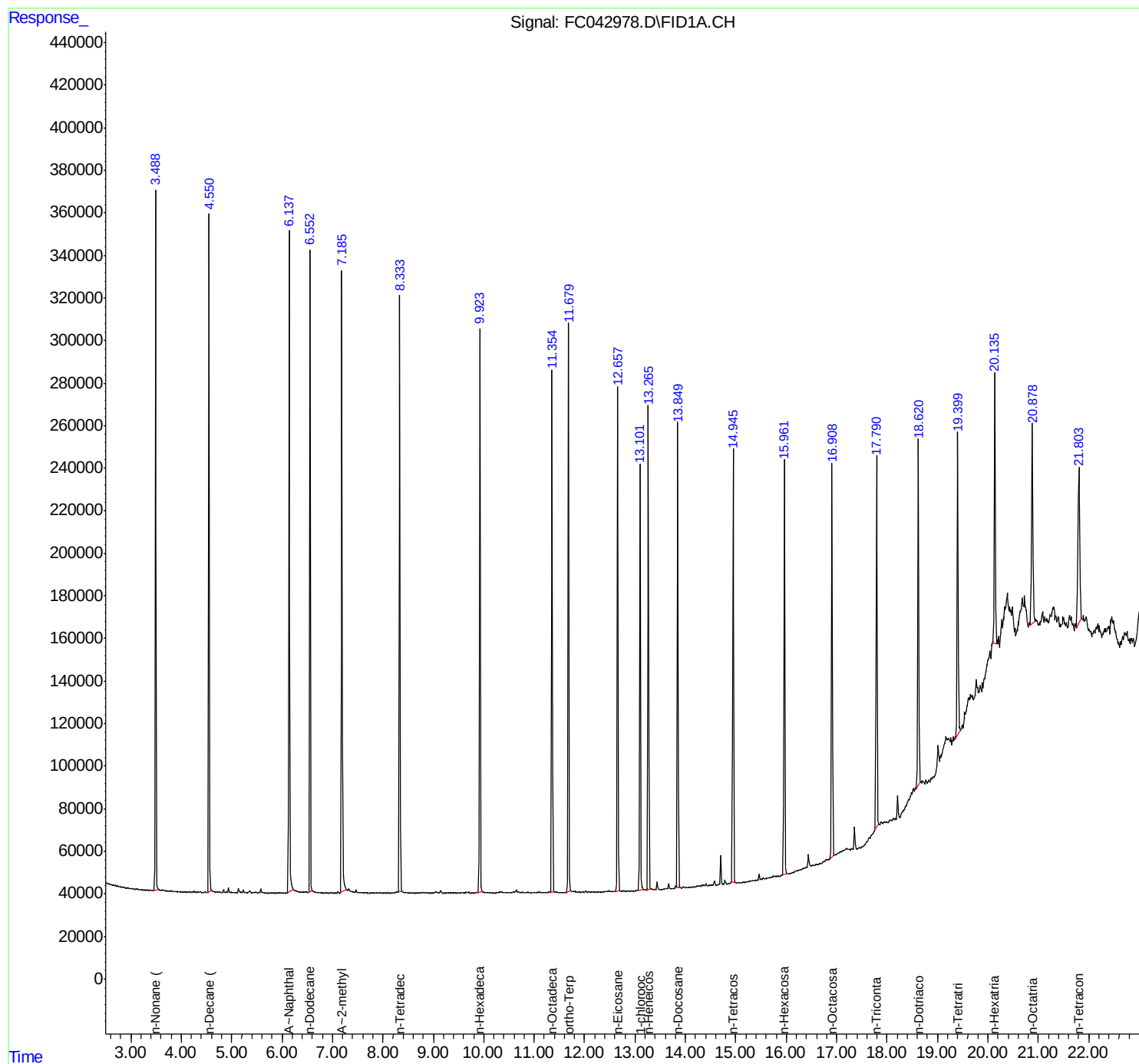
(f)=RT Delta > 1/2 Window

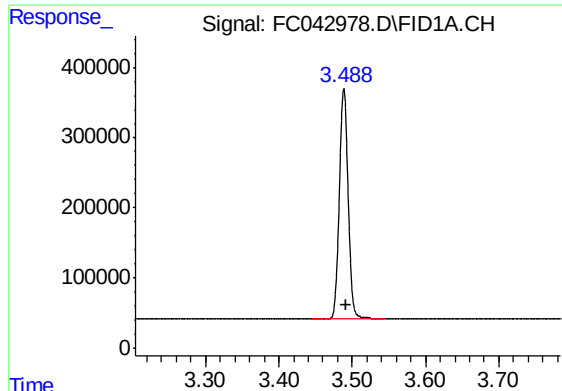
(m)=manual int.

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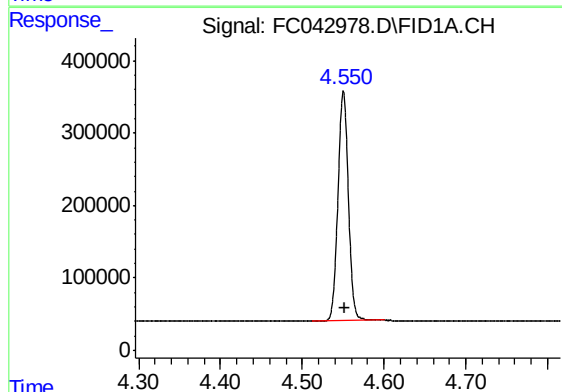
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





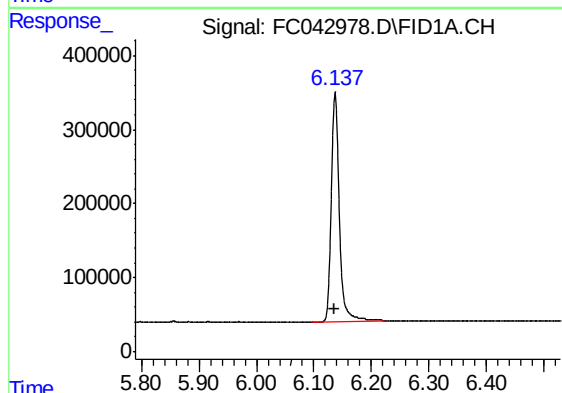
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.003 min
Response: 2717757
Conc: 21.92 ug/ml



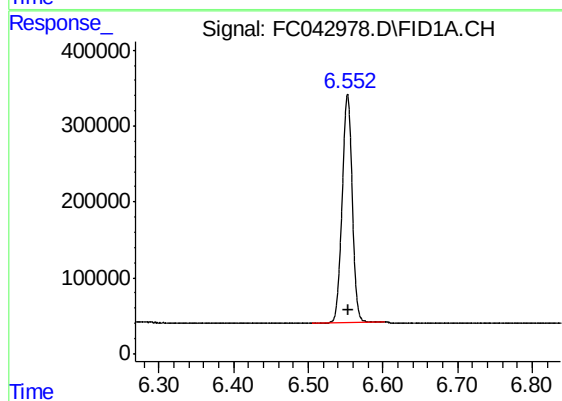
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 2808918
Conc: 22.39 ug/ml



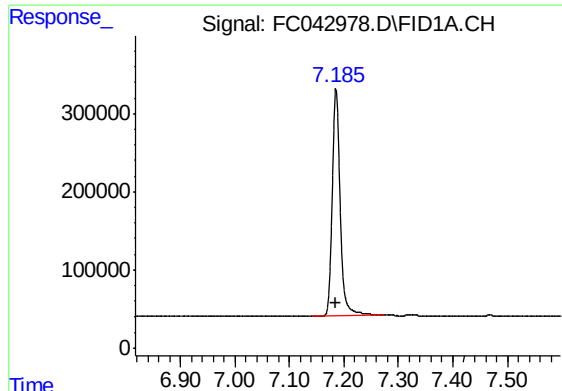
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 2988113
Conc: 22.06 ug/ml



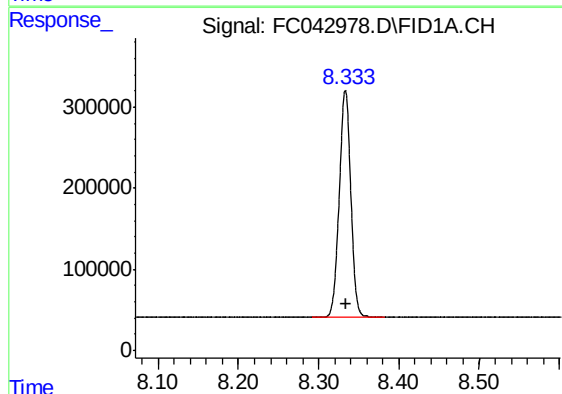
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 2823116
Conc: 22.26 ug/ml



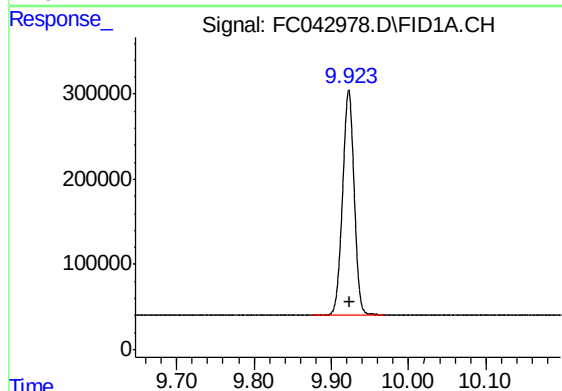
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 2987186
Conc: 21.96 ug/ml



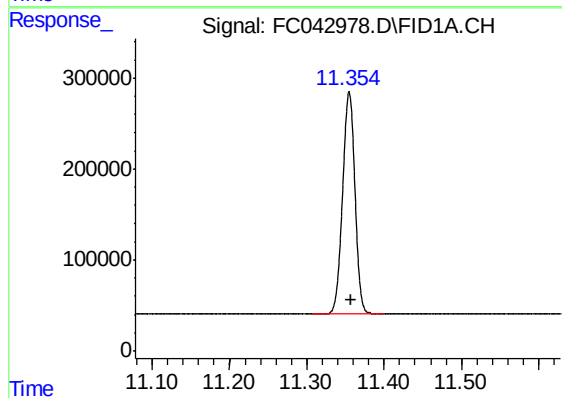
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: -0.001 min
Response: 2798462
Conc: 21.93 ug/ml



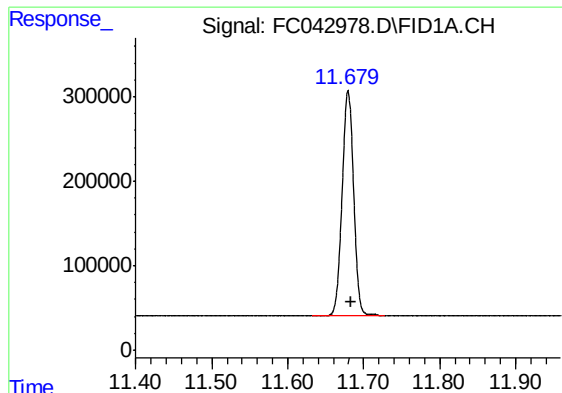
#7 n-Hexadecane (C16)

R.T.: 9.923 min
Delta R.T.: -0.002 min
Response: 2761908
Conc: 21.37 ug/ml



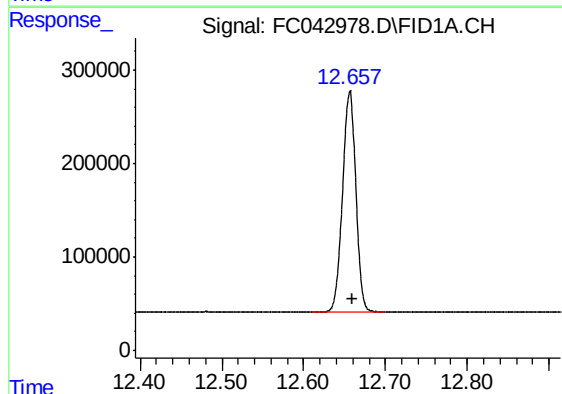
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.003 min
Response: 2717417
Conc: 20.54 ug/ml



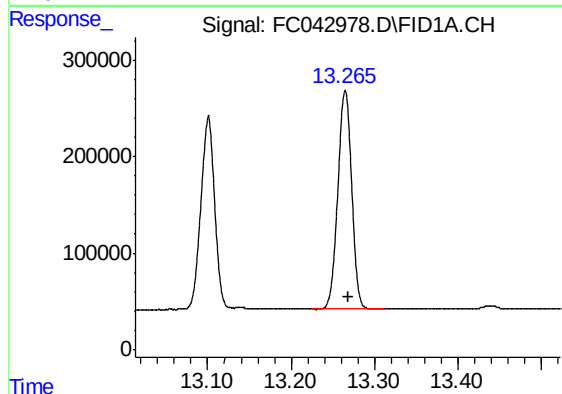
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.003 min
Response: 2772710
Conc: 19.52 ug/ml



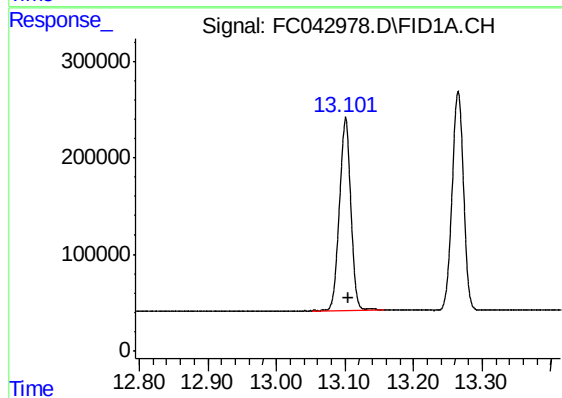
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.003 min
Response: 2666608
Conc: 19.73 ug/ml



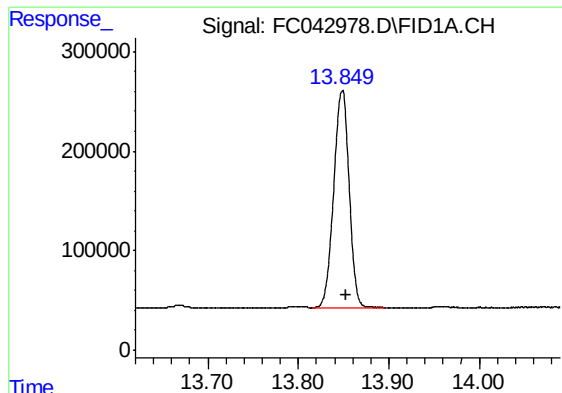
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.004 min
Response: 2613575
Conc: 19.33 ug/ml



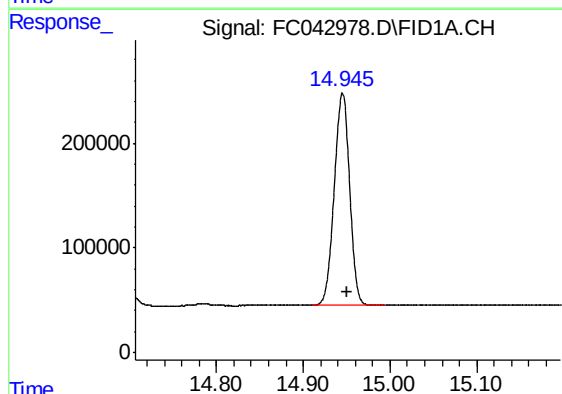
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 2291733
Conc: 19.31 ug/ml



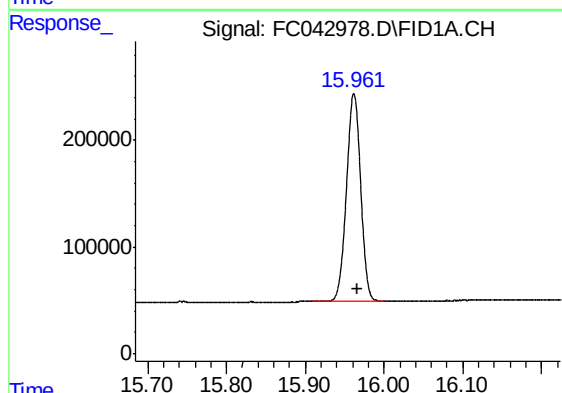
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: -0.004 min
Response: 2571034
Conc: 18.94 ug/ml



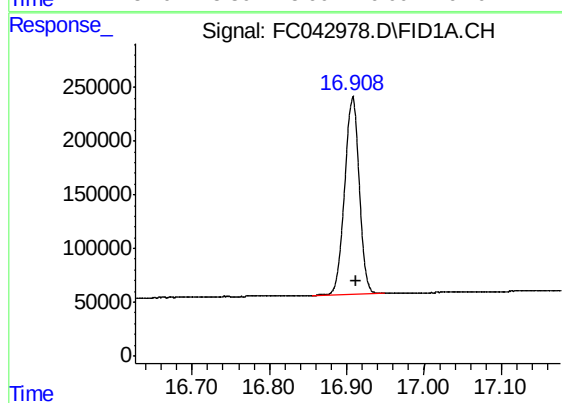
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.005 min
Response: 2492076
Conc: 18.30 ug/ml



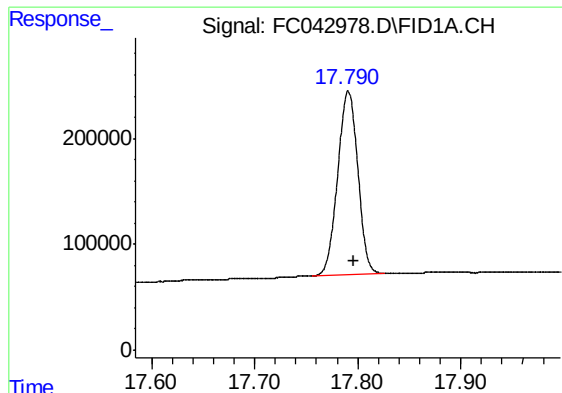
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.005 min
Response: 2437570
Conc: 18.07 ug/ml



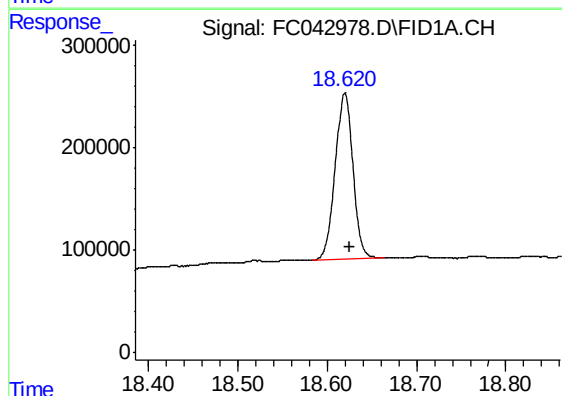
#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: -0.005 min
Response: 2418728
Conc: 18.18 ug/ml



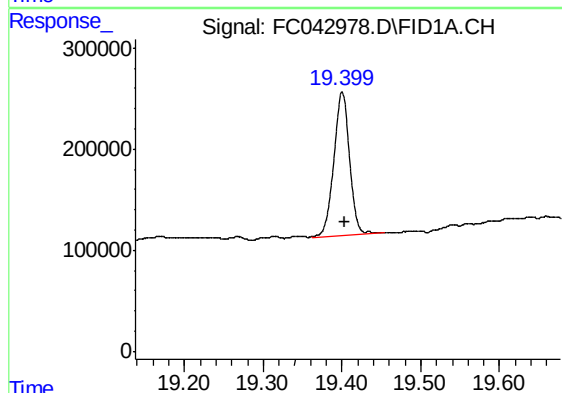
#17 n-Tricontane (C30)

R.T.: 17.790 min
Delta R.T.: -0.006 min
Response: 2356719
Conc: 18.41 ug/ml m



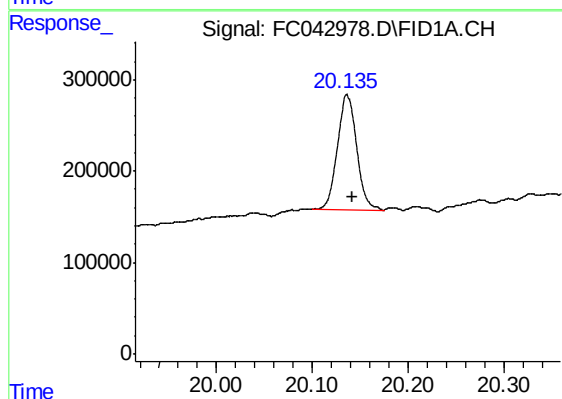
#18 n-Dotriacontane (C32)

R.T.: 18.619 min
Delta R.T.: -0.005 min
Response: 2246179
Conc: 19.26 ug/ml m



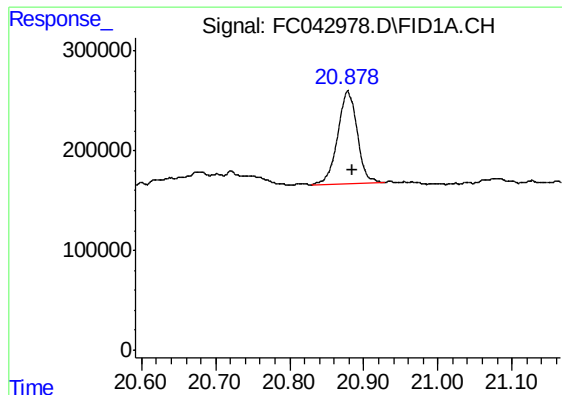
#19 n-Tetratriacontane (C34)

R.T.: 19.400 min
Delta R.T.: -0.004 min
Response: 1961509
Conc: 20.42 ug/ml



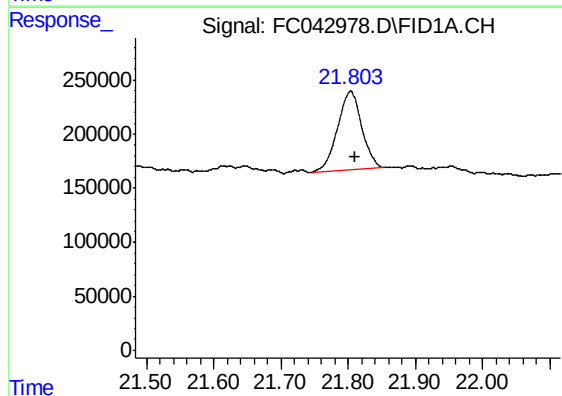
#20 n-Hexatriacontane (C36)

R.T.: 20.135 min
Delta R.T.: -0.006 min
Response: 1774821
Conc: 21.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.878 min
Delta R.T.: -0.006 min
Response: 1705157
Conc: 23.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.803 min
Delta R.T.: -0.007 min
Response: 1799867
Conc: 24.92 ug/ml m