

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031320AL\
 Data File : FC046306.D
 Signal(s) : FID1A.CH
 Acq On : 13 Mar 2020 10:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 23:55:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.760	2380547	20.868 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	13.177	1841071	20.523 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.538	2362051	23.433 ug/ml
2) T n-Decane (C10)	4.607	2382396	23.620 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2471397	22.258 ug/ml
4) T n-Dodecane (C12)	6.617	2390508	23.432 ug/ml
5) T A~2-methylnaphthalene...	7.259	2459148	22.108 ug/ml
6) T n-Tetradecane (C14)	8.401	2358537	23.040 ug/ml
7) T n-Hexadecane (C16)	9.993	2319990	22.407 ug/ml
8) T n-Octadecane (C18)	11.429	2296170	21.843 ug/ml
10) T n-Eicosane (C20)	12.732	2239419	21.184 ug/ml
11) T n-Heneicosane (C21)	13.341	2230336	20.911 ug/ml
13) T n-Docosane (C22)	13.925	2192614	20.635 ug/ml
14) T n-Tetracosane (C24)	15.022	2166348	20.241 ug/ml
15) T n-Hexacosane (C26)	16.039	2123245	19.977 ug/ml
16) T n-Octacosane (C28)	16.985	2079448	19.862 ug/ml
17) T n-Tricontane (C30)	17.867	2026405	20.109 ug/ml
18) T n-Dotriacontane (C32)	18.694	1745961	20.401 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1526503	21.032 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1439310	21.283 ug/ml
21) T n-Octatriacontane (C38)	20.975	1400104	23.164 ug/ml
22) T n-Tetracontane (C40)	21.936	1456942	23.173 ug/ml

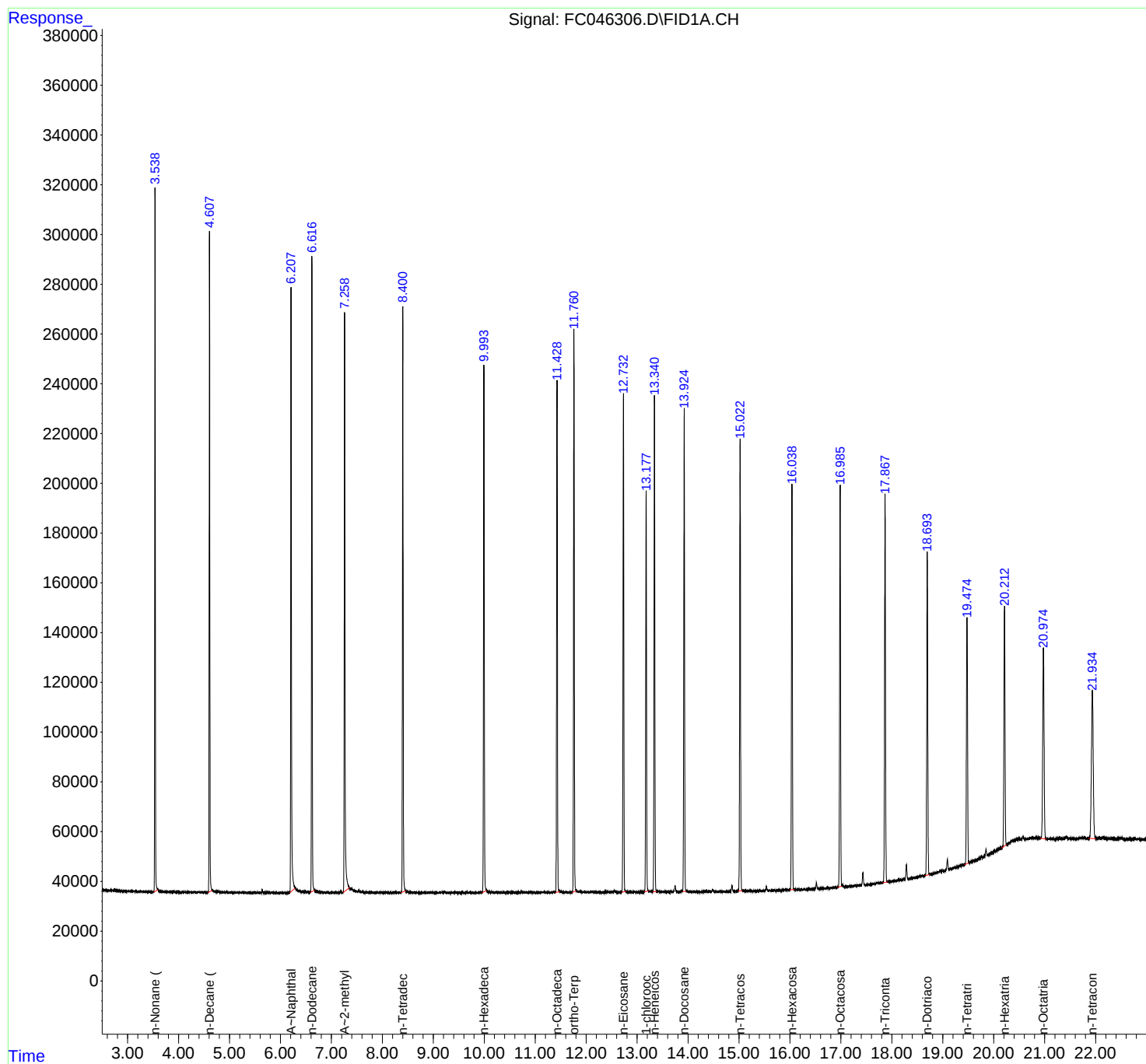
(f)=RT Delta > 1/2 Window

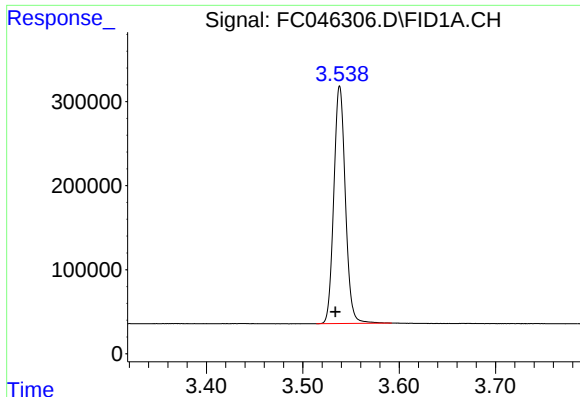
(m)=manual int.

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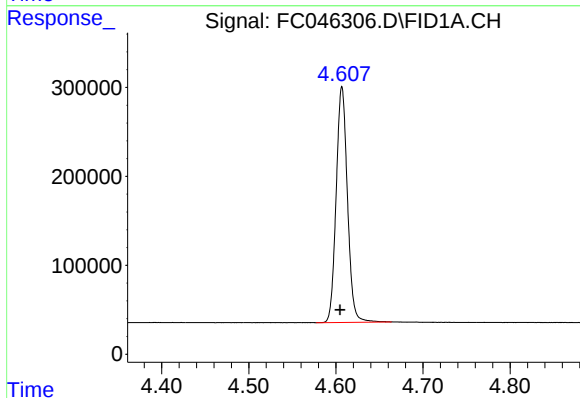
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





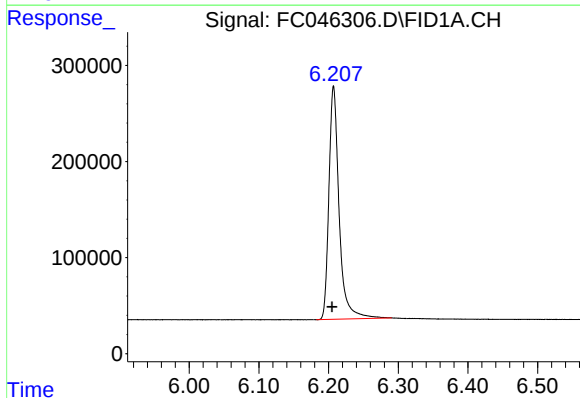
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2362051
Conc: 23.43 ug/ml



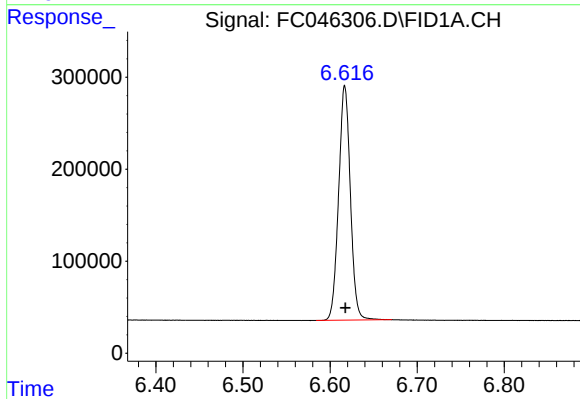
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2382396
Conc: 23.62 ug/ml



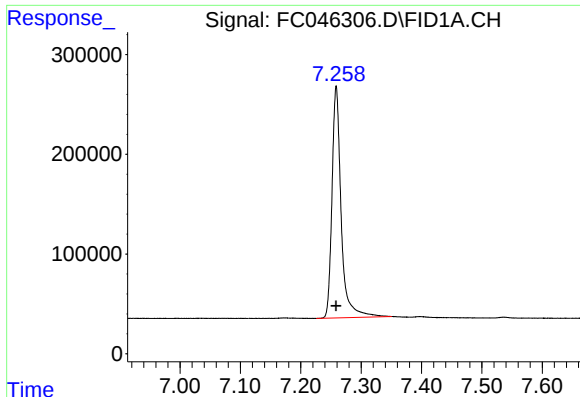
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2471397
Conc: 22.26 ug/ml



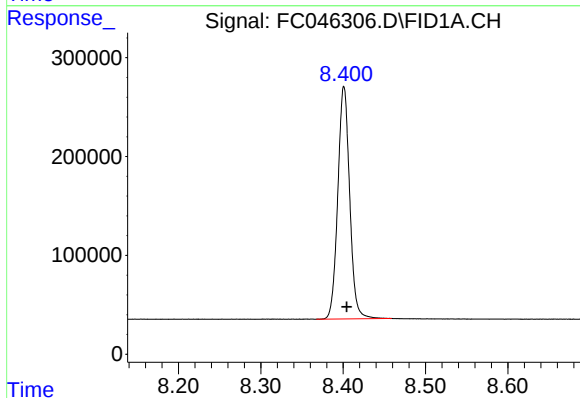
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2390508
Conc: 23.43 ug/ml



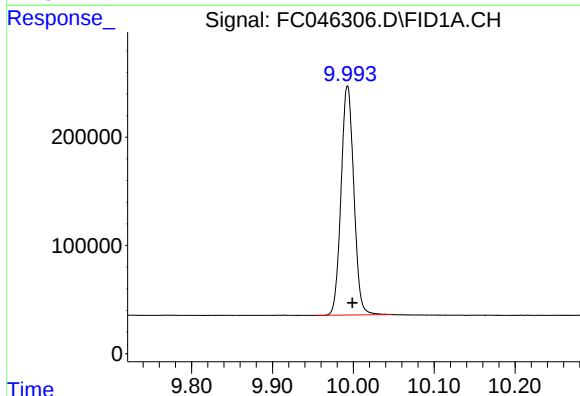
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 2459148
Conc: 22.11 ug/ml



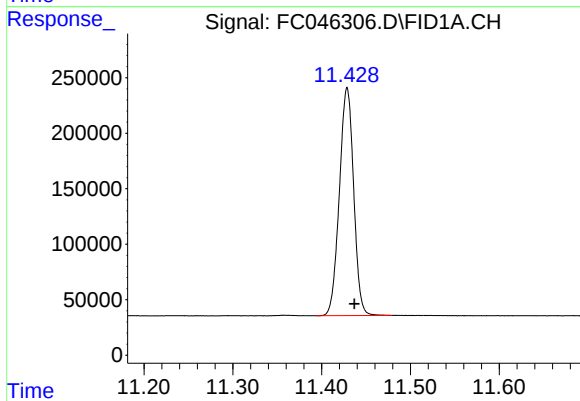
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 2358537
Conc: 23.04 ug/ml



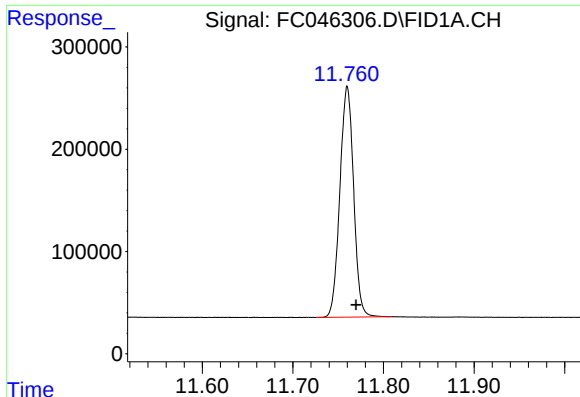
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.006 min
Response: 2319990
Conc: 22.41 ug/ml



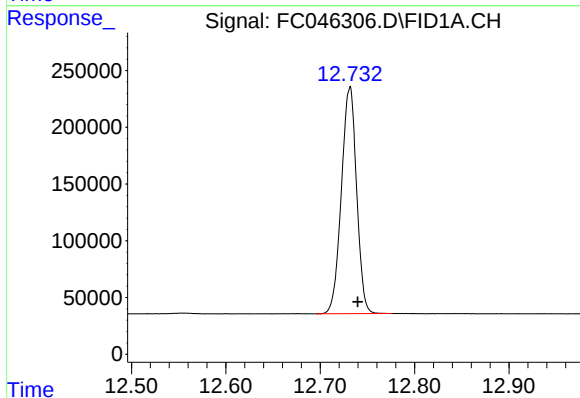
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.008 min
Response: 2296170
Conc: 21.84 ug/ml



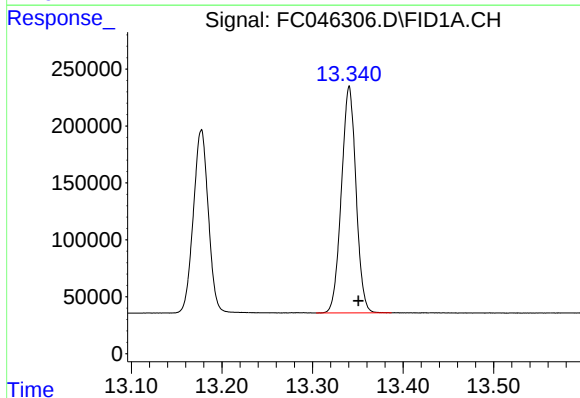
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.010 min
Response: 2380547
Conc: 20.87 ug/ml



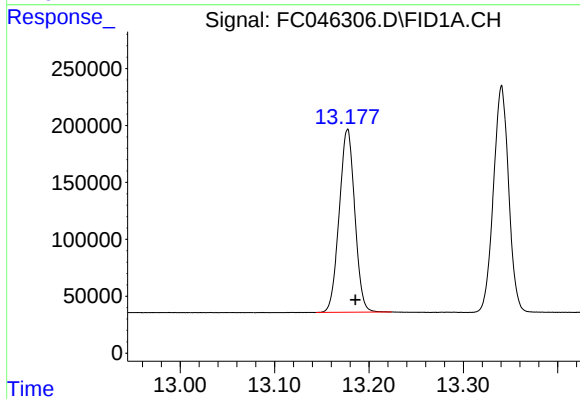
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: -0.008 min
Response: 2239419
Conc: 21.18 ug/ml



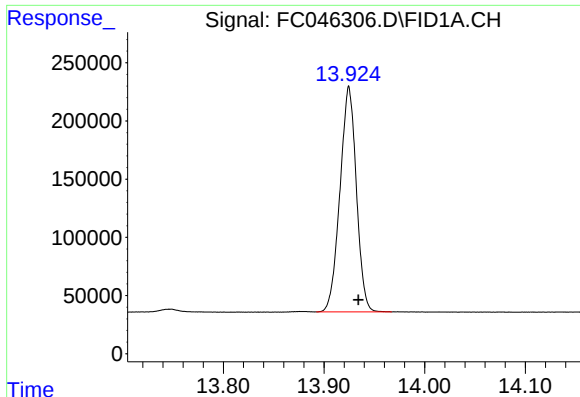
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: -0.010 min
Response: 2230336
Conc: 20.91 ug/ml



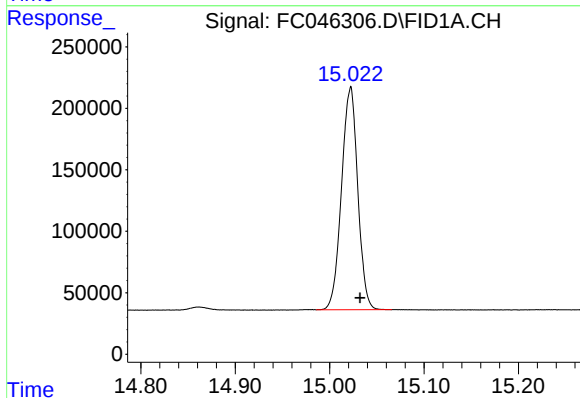
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: -0.008 min
Response: 1841071
Conc: 20.52 ug/ml



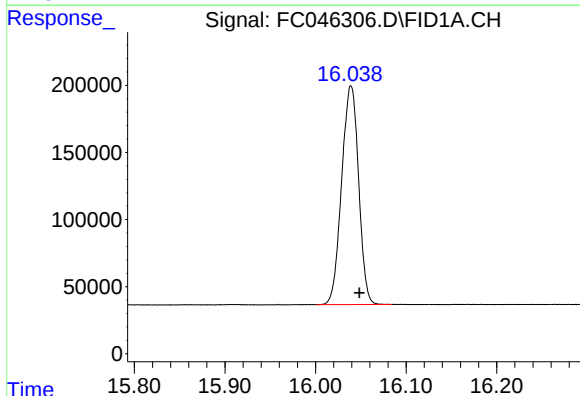
#13 n-Docosane (C22)

R.T.: 13.925 min
Delta R.T.: -0.009 min
Response: 2192614
Conc: 20.63 ug/ml



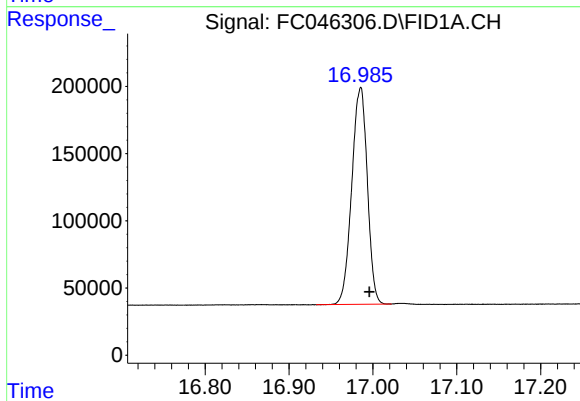
#14 n-Tetracosane (C24)

R.T.: 15.022 min
Delta R.T.: -0.010 min
Response: 2166348
Conc: 20.24 ug/ml



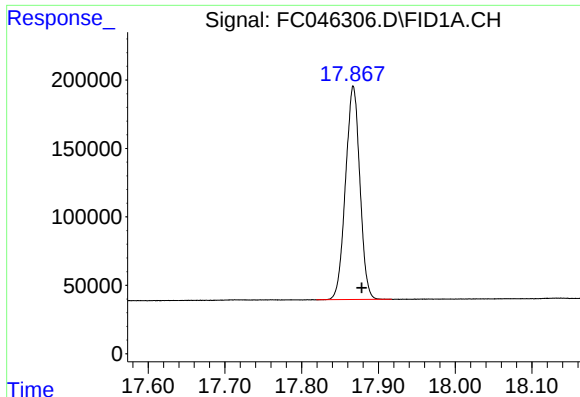
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: -0.009 min
Response: 2123245
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: -0.010 min
Response: 2079448
Conc: 19.86 ug/ml



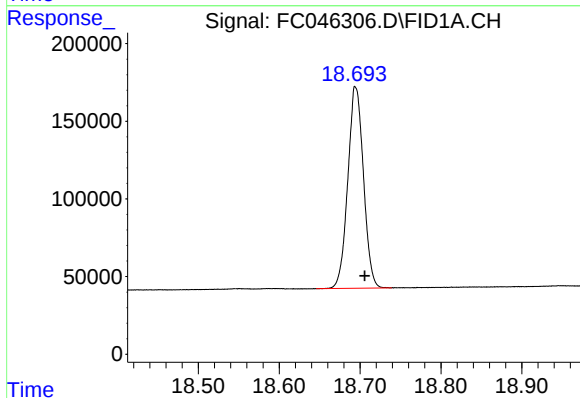
#17 n-Tricontane (C30)

R.T.: 17.867 min

Delta R.T.: -0.011 min

Response: 2026405

Conc: 20.11 ug/ml



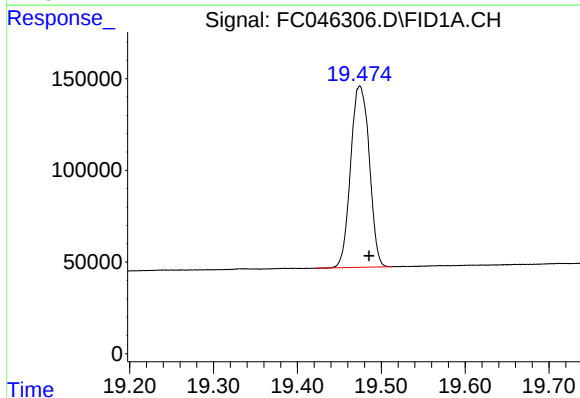
#18 n-Dotriacontane (C32)

R.T.: 18.694 min

Delta R.T.: -0.011 min

Response: 1745961

Conc: 20.40 ug/ml



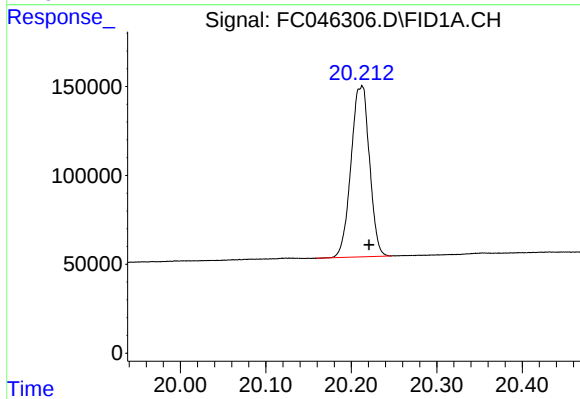
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min

Delta R.T.: -0.011 min

Response: 1526503

Conc: 21.03 ug/ml



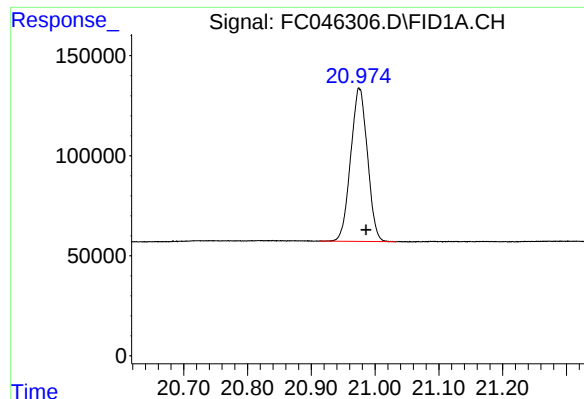
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min

Delta R.T.: -0.008 min

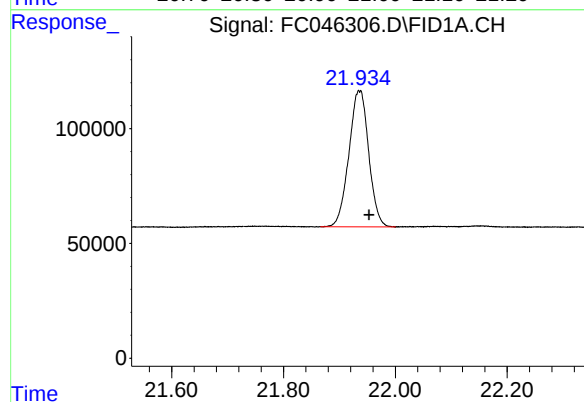
Response: 1439310

Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: -0.011 min
Response: 1400104
Conc: 23.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.017 min
Response: 1456942
Conc: 23.17 ug/ml