

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062320AL\
 Data File : FC048025.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2020 1:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 24 06:53:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.726	2342671	19.529 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	13.140	1883639	19.234 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
Target Compounds			
1) T n-Nonane (C9)	3.538	2114654	21.132 ug/ml
2) T n-Decane (C10)	4.600	2145292	21.351 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2120897	21.020 ug/ml
4) T n-Dodecane (C12)	6.600	2228922	21.292 ug/ml
5) T A~2-methylnaphthalene...	7.247	2153434	20.805 ug/ml
6) T n-Tetradecane (C14)	8.378	2223035	21.181 ug/ml
7) T n-Hexadecane (C16)	9.964	2197498	21.033 ug/ml
8) T n-Octadecane (C18)	11.394	2268369	20.406 ug/ml
10) T n-Eicosane (C20)	12.693	2242575	19.706 ug/ml
11) T n-Heneicosane (C21)	13.300	2215326	19.359 ug/ml
13) T n-Docosane (C22)	13.882	2175163	18.963 ug/ml
14) T n-Tetracosane (C24)	14.979	2097892	18.256 ug/ml
15) T n-Hexacosane (C26)	15.993	2010448	17.601 ug/ml
16) T n-Octacosane (C28)	16.937	1968118	17.316 ug/ml
17) T n-Tricontane (C30)	17.819	1922471	17.541 ug/ml
18) T n-Dotriacontane (C32)	18.645	1780481	17.960 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1692867	18.484 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1637999	19.100 ug/ml
21) T n-Octatriacontane (C38)	20.911	1577000	19.803 ug/ml
22) T n-Tetracontane (C40)	21.850	1615584	20.433 ug/ml

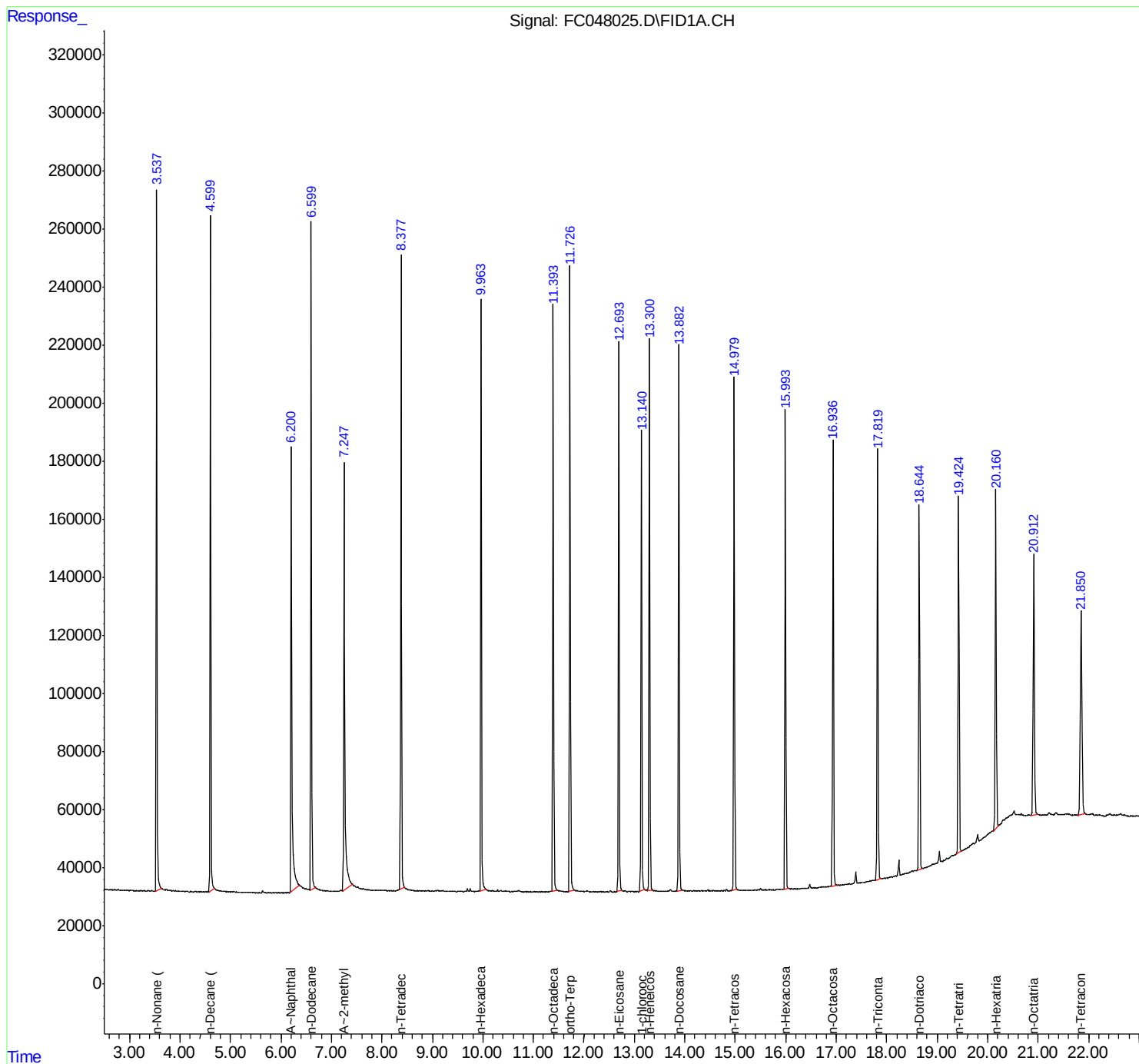
(f)=RT Delta > 1/2 Window

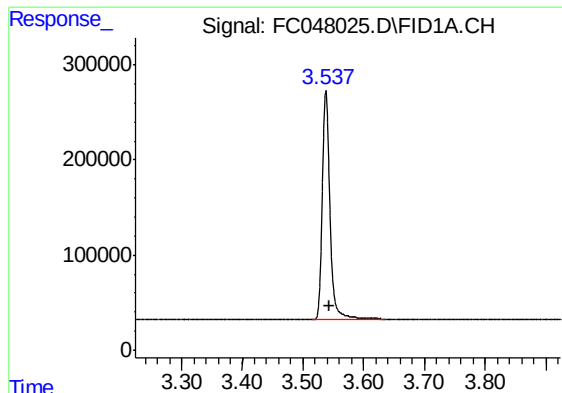
(m)=manual int.

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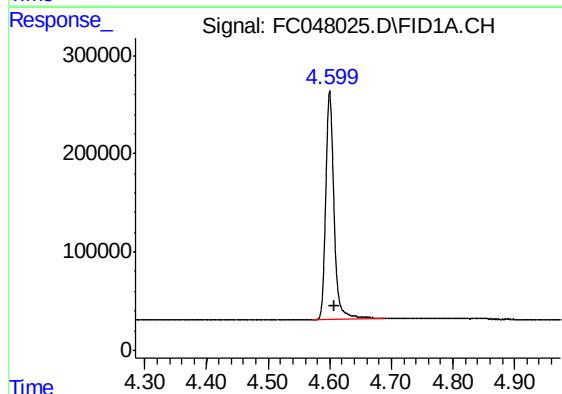
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Signal Info : 20M x 0.18mm x 0.18um





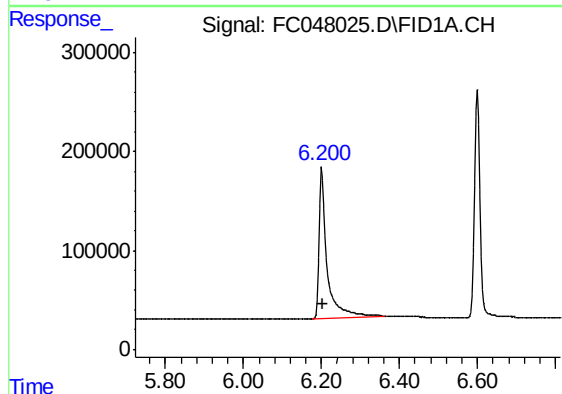
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 2114654
Conc: 21.13 ug/ml



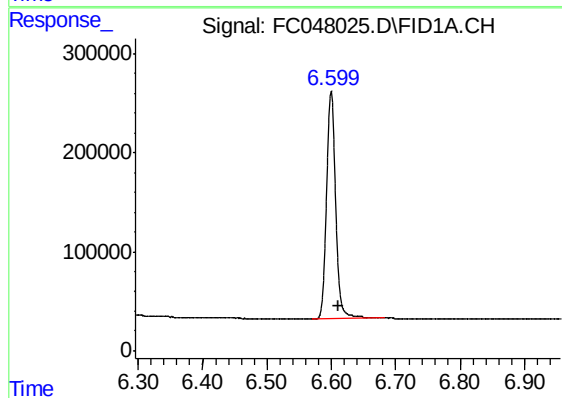
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.008 min
Response: 2145292
Conc: 21.35 ug/ml



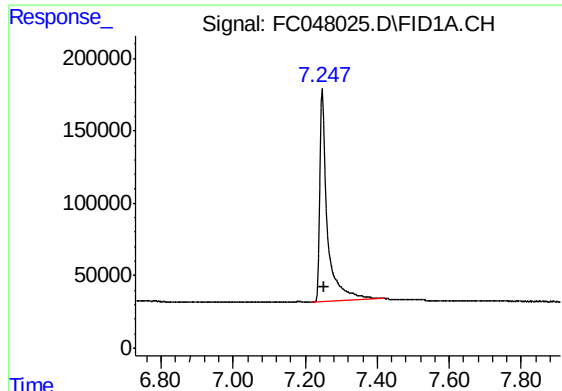
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 2120897
Conc: 21.02 ug/ml



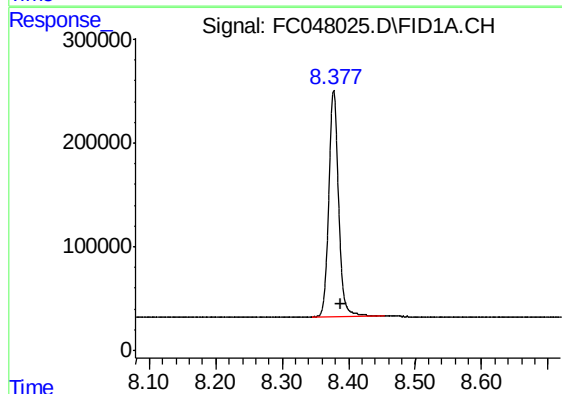
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: -0.011 min
Response: 2228922
Conc: 21.29 ug/ml



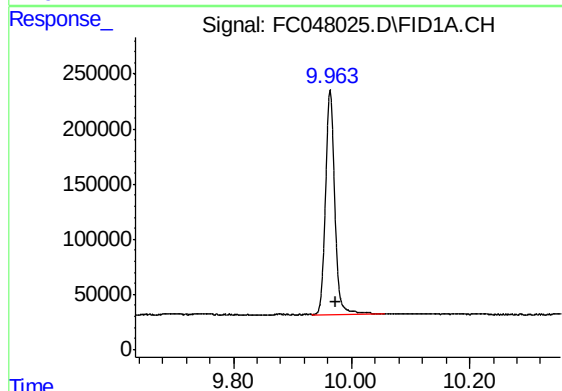
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: -0.005 min
Response: 2153434
Conc: 20.80 ug/ml



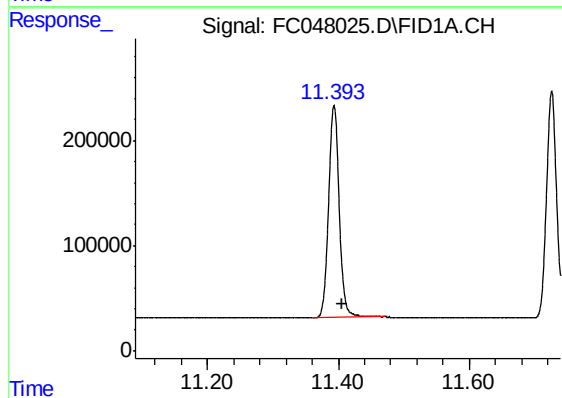
#6 n-Tetradecane (C14)

R.T.: 8.378 min
Delta R.T.: -0.010 min
Response: 2223035
Conc: 21.18 ug/ml



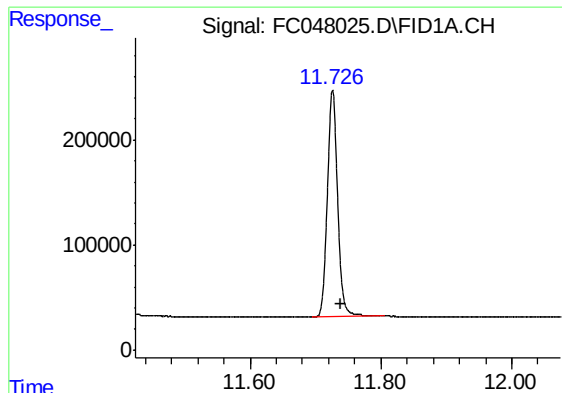
#7 n-Hexadecane (C16)

R.T.: 9.964 min
Delta R.T.: -0.011 min
Response: 2197498
Conc: 21.03 ug/ml



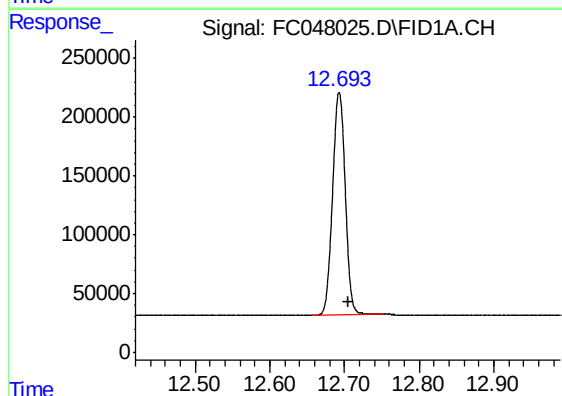
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: -0.012 min
Response: 2268369
Conc: 20.41 ug/ml



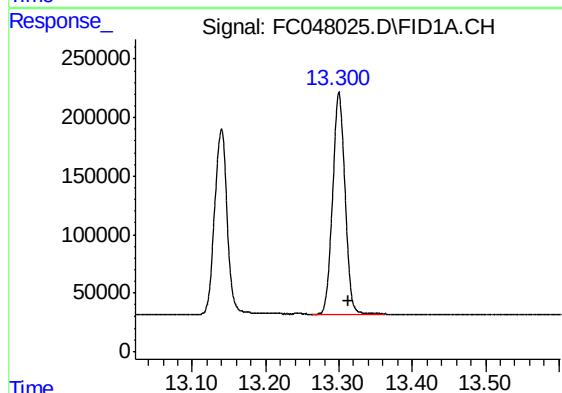
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min
Delta R.T.: -0.013 min
Response: 2342671
Conc: 19.53 ug/ml



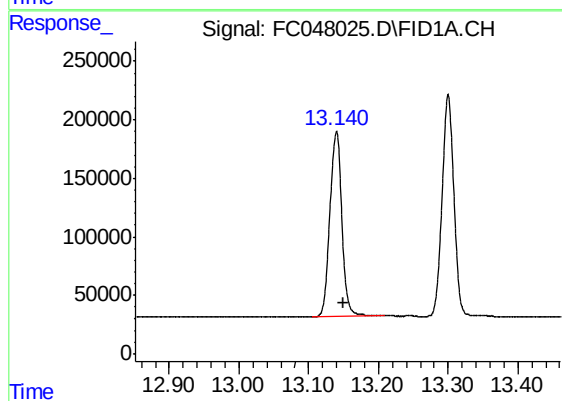
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: -0.012 min
Response: 2242575
Conc: 19.71 ug/ml



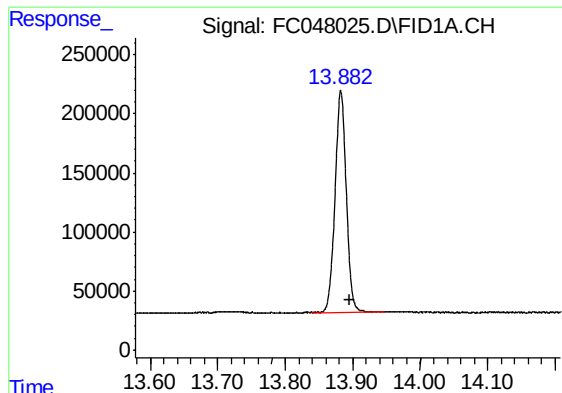
#11 n-Heneicosane (C21)

R.T.: 13.300 min
Delta R.T.: -0.012 min
Response: 2215326
Conc: 19.36 ug/ml



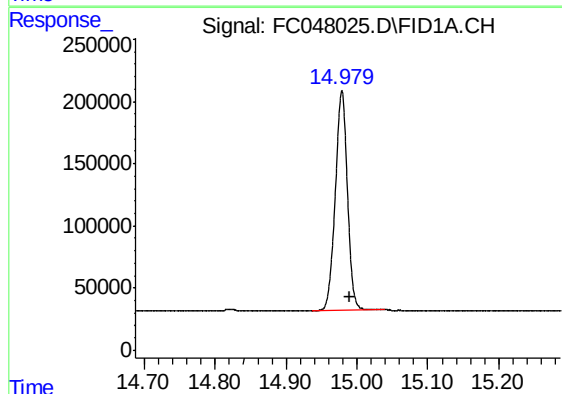
#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: -0.010 min
Response: 1883639
Conc: 19.23 ug/ml



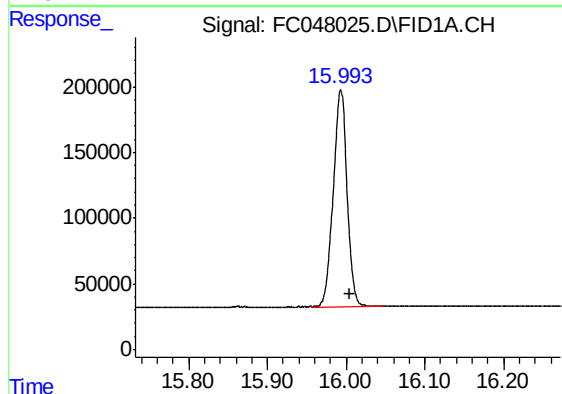
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: -0.013 min
Response: 2175163
Conc: 18.96 ug/ml



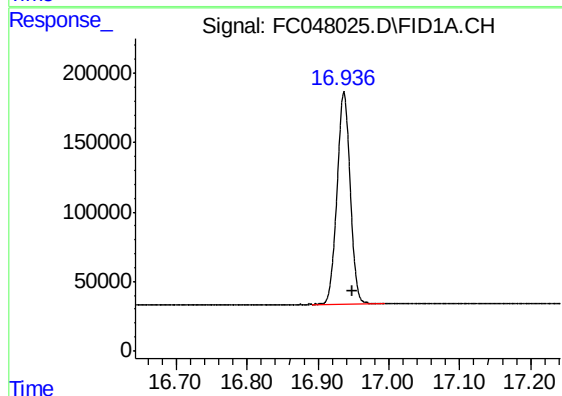
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.012 min
Response: 2097892
Conc: 18.26 ug/ml



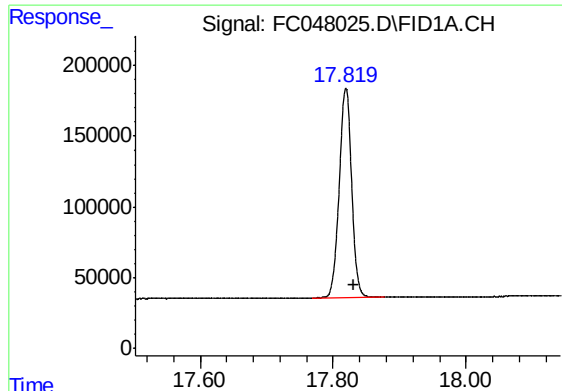
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.011 min
Response: 2010448
Conc: 17.60 ug/ml



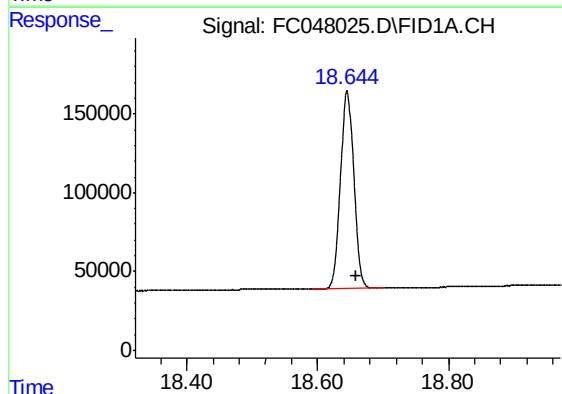
#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: -0.012 min
Response: 1968118
Conc: 17.32 ug/ml



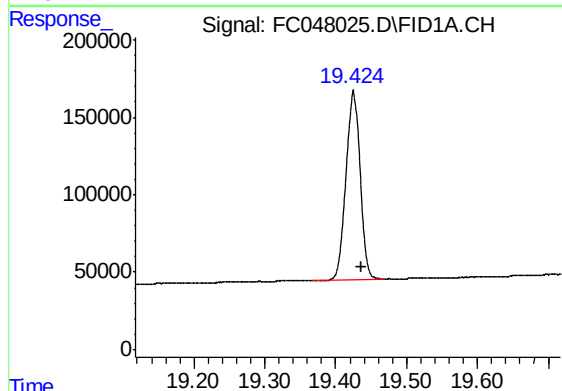
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: -0.012 min
Response: 1922471
Conc: 17.54 ug/ml



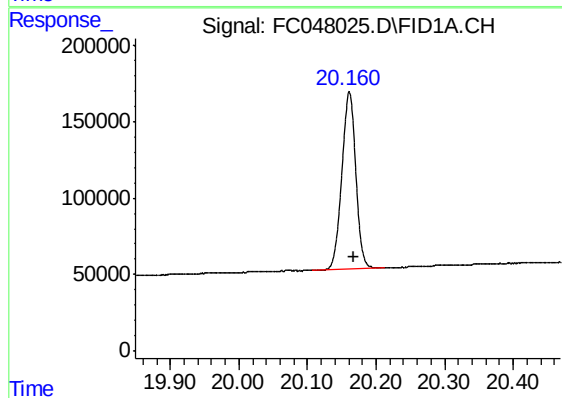
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.014 min
Response: 1780481
Conc: 17.96 ug/ml



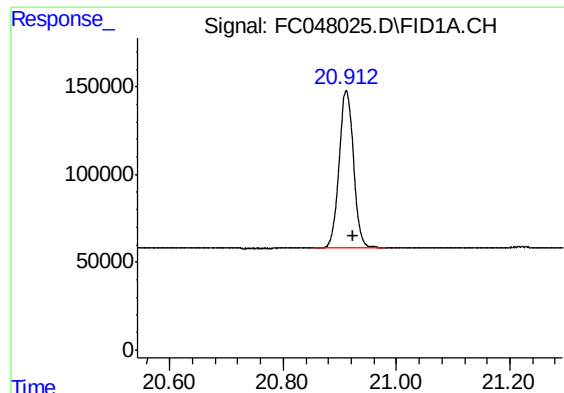
#19 n-Tetatriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1692867
Conc: 18.48 ug/ml



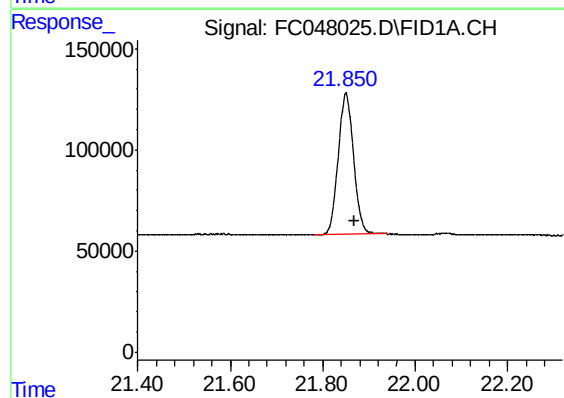
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: -0.006 min
Response: 1637999
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.011 min
Response: 1577000
Conc: 19.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: -0.018 min
Response: 1615584
Conc: 20.43 ug/ml