

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081020AL\
 Data File : FC048938.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2020 3:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 03:41:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.674	2652128	22.322 ug/ml
Spiked Amount 50.000		Recovery =	44.64%
12) S 1-chlorooctadecane (S...	13.106	2168574	22.292 ug/ml
Spiked Amount 50.000		Recovery =	44.58%
Target Compounds			
1) T n-Nonane (C9)	3.409	2287516	21.932 ug/ml
2) T n-Decane (C10)	4.483	2322309	22.141 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2620863	22.161 ug/ml
4) T n-Dodecane (C12)	6.509	2359970	22.250 ug/ml
5) T A~2-methylnaphthalene...	7.139	2690849	22.318 ug/ml
6) T n-Tetradecane (C14)	8.307	2353636	22.350 ug/ml
7) T n-Hexadecane (C16)	9.909	2343076	22.323 ug/ml
8) T n-Octadecane (C18)	11.352	2449887	22.300 ug/ml
10) T n-Eicosane (C20)	12.661	2483682	22.319 ug/ml
11) T n-Heneicosane (C21)	13.274	2490590	22.296 ug/ml
13) T n-Docosane (C22)	13.859	2504425	22.281 ug/ml
14) T n-Tetracosane (C24)	14.961	2529371	22.248 ug/ml
15) T n-Hexacosane (C26)	15.981	2525386	22.072 ug/ml
16) T n-Octacosane (C28)	16.930	2518240	21.646 ug/ml
17) T n-Tricontane (C30)	17.814	2431478	21.034 ug/ml
18) T n-Dotriacontane (C32)	18.645	2195740	20.307 ug/ml
19) T n-Tetratriacontane (C34)	19.427	2037748	19.647 ug/ml
20) T n-Hexatriacontane (C36)	20.164	1942786	19.539 ug/ml
21) T n-Octatriacontane (C38)	20.918	2027092	21.437 ug/ml
22) T n-Tetracontane (C40)	21.865	1762145	18.459 ug/ml

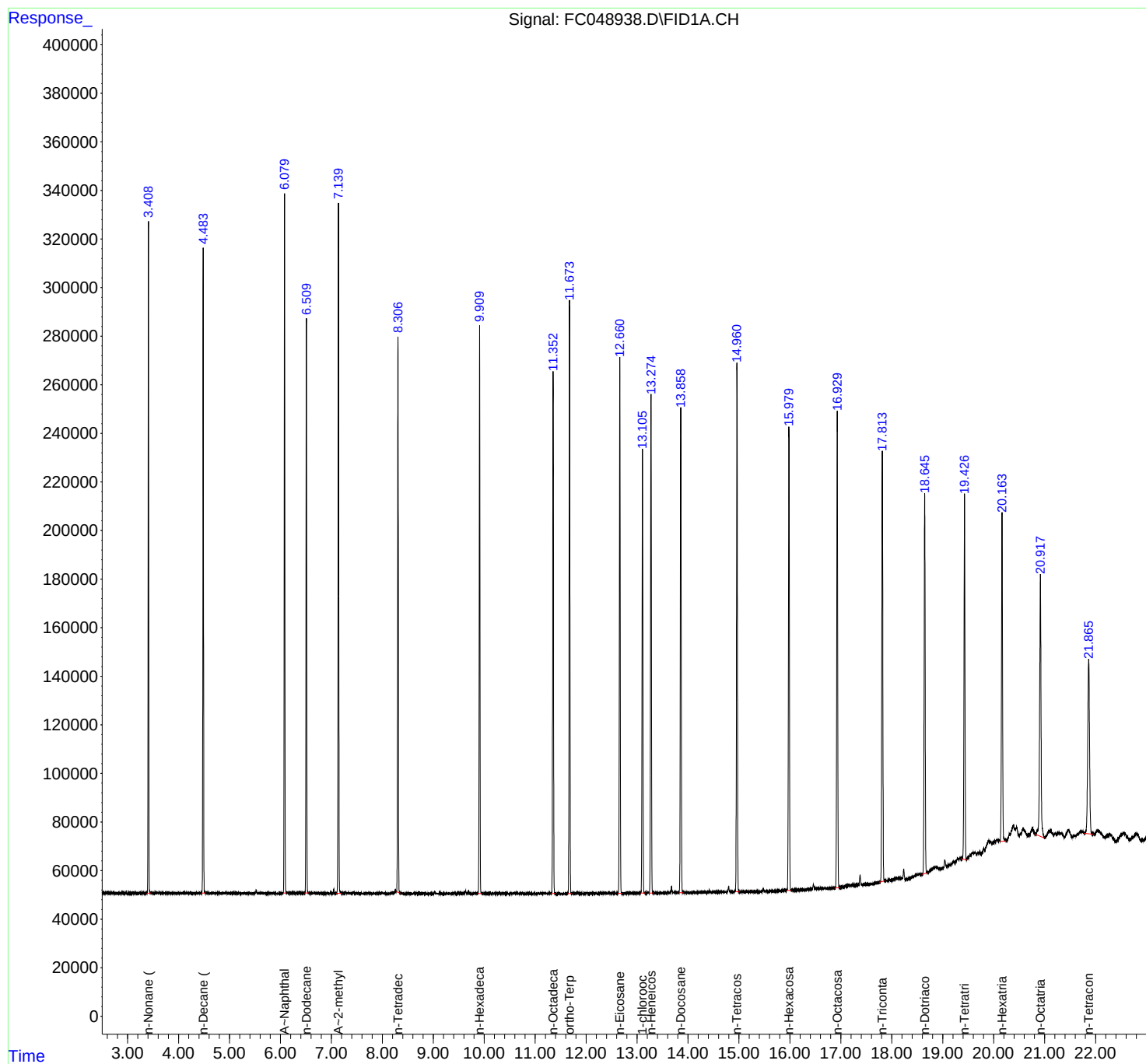
(f)=RT Delta > 1/2 Window

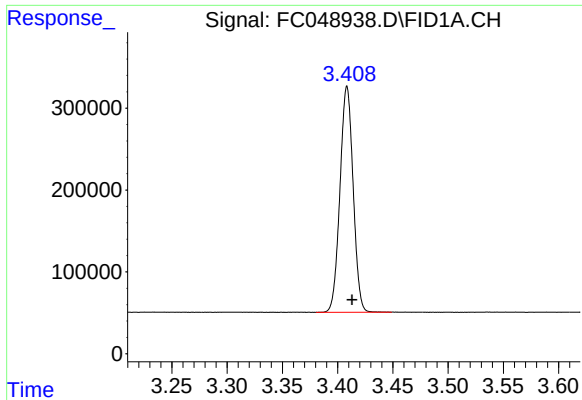
(m)=manual int.

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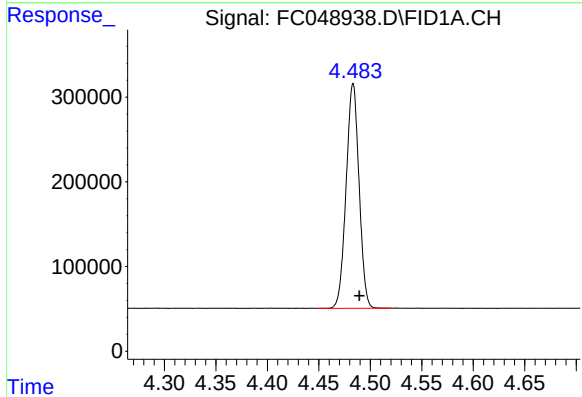
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Signal Info : 20M x 0.18mm x 0.18um





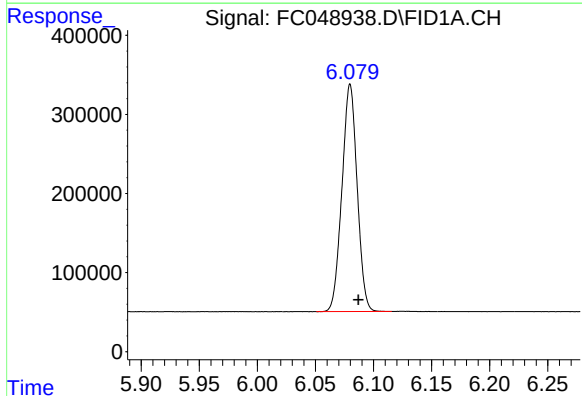
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2287516
Conc: 21.93 ug/ml



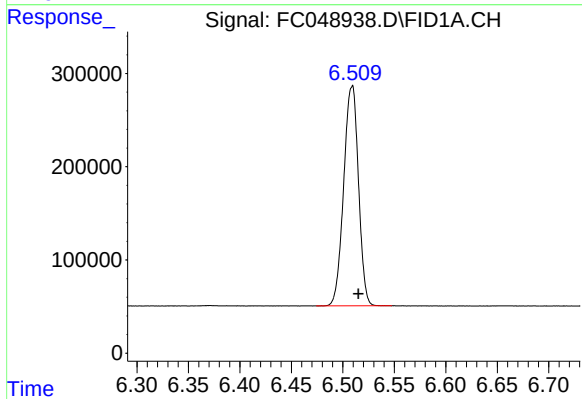
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.006 min
Response: 2322309
Conc: 22.14 ug/ml



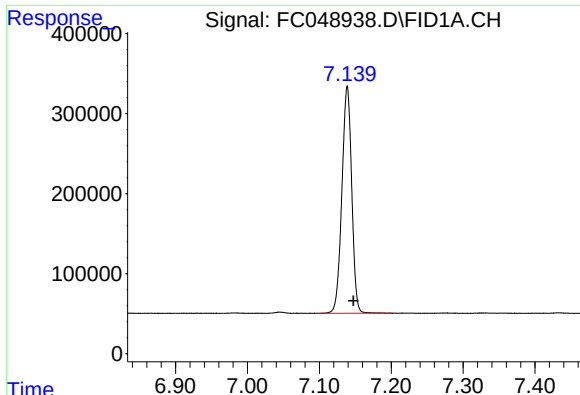
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2620863
Conc: 22.16 ug/ml



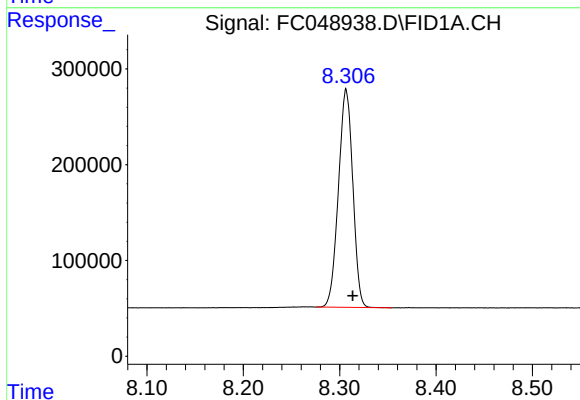
#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 2359970
Conc: 22.25 ug/ml



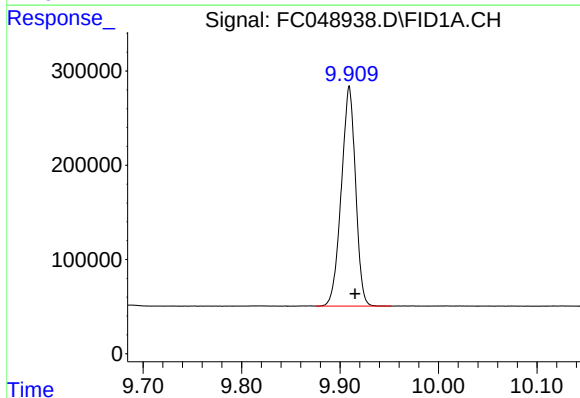
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.008 min
Response: 2690849
Conc: 22.32 ug/ml



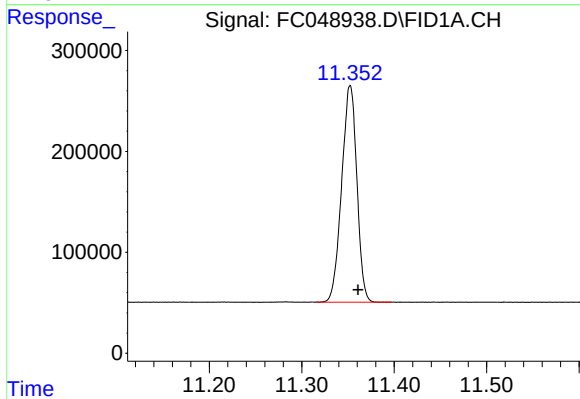
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 2353636
Conc: 22.35 ug/ml



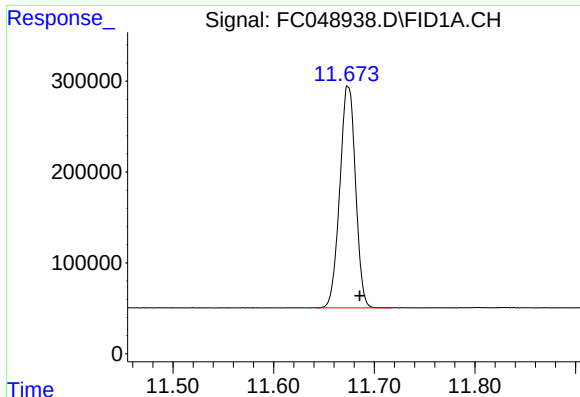
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2343076
Conc: 22.32 ug/ml



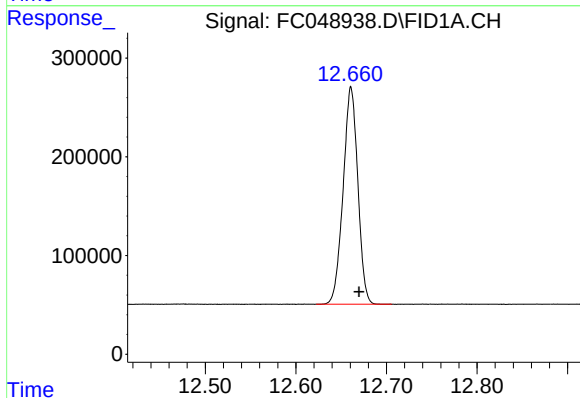
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.009 min
Response: 2449887
Conc: 22.30 ug/ml



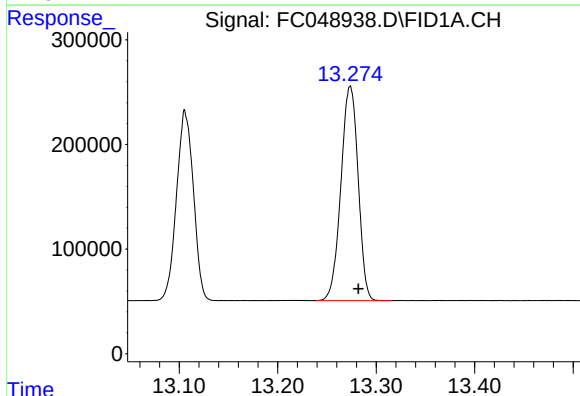
#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.011 min
Response: 2652128
Conc: 22.32 ug/ml



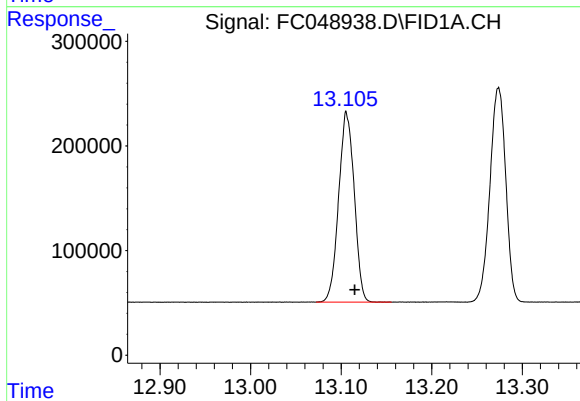
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: -0.009 min
Response: 2483682
Conc: 22.32 ug/ml



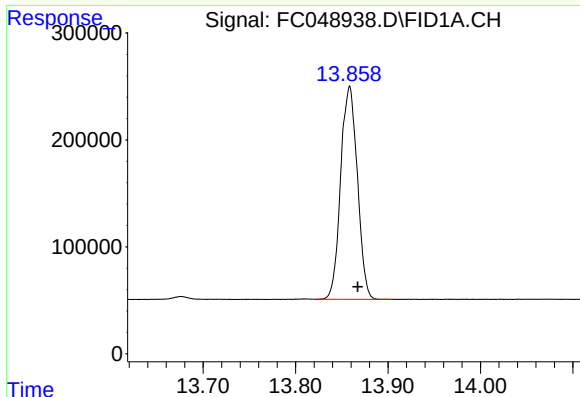
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.008 min
Response: 2490590
Conc: 22.30 ug/ml



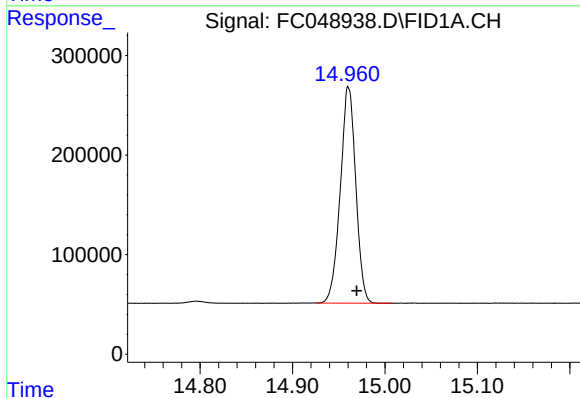
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.009 min
Response: 2168574
Conc: 22.29 ug/ml



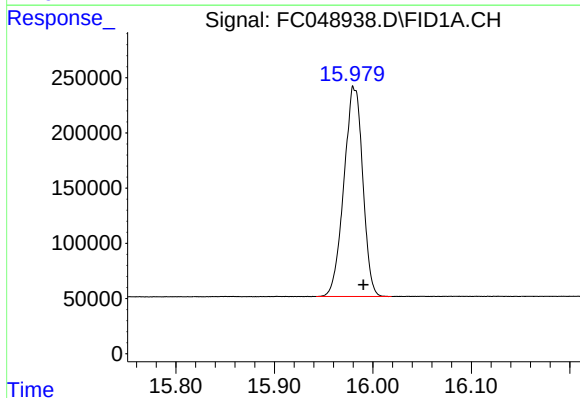
#13 n-Docosane (C22)

R.T.: 13.859 min
Delta R.T.: -0.009 min
Response: 2504425
Conc: 22.28 ug/ml



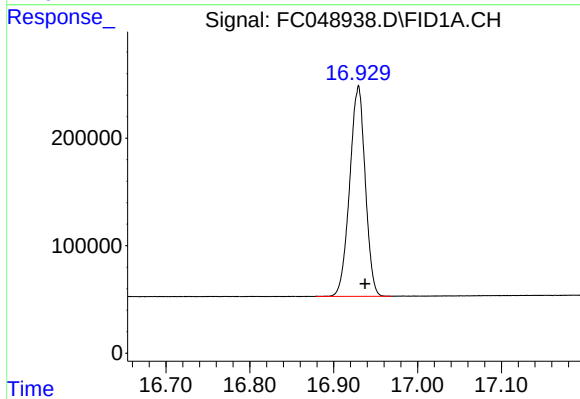
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.009 min
Response: 2529371
Conc: 22.25 ug/ml



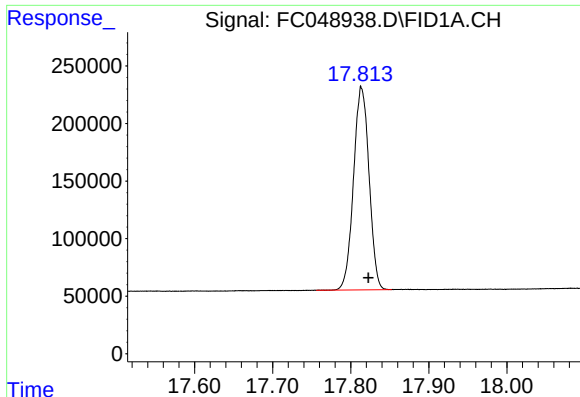
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.009 min
Response: 2525386
Conc: 22.07 ug/ml



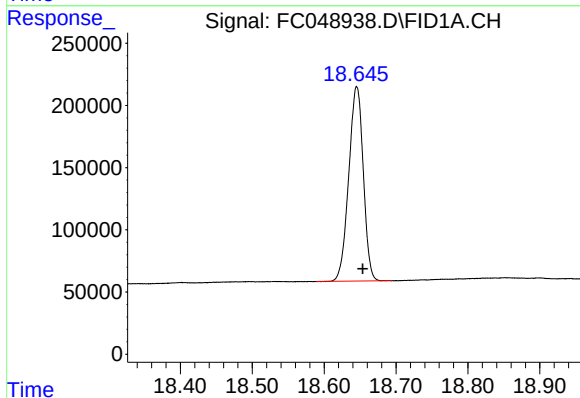
#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: -0.008 min
Response: 2518240
Conc: 21.65 ug/ml



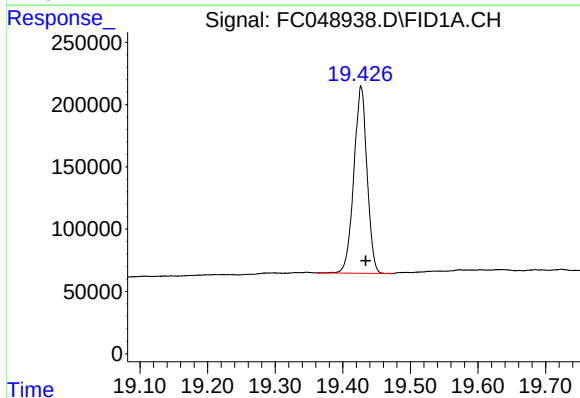
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: -0.009 min
Response: 2431478
Conc: 21.03 ug/ml



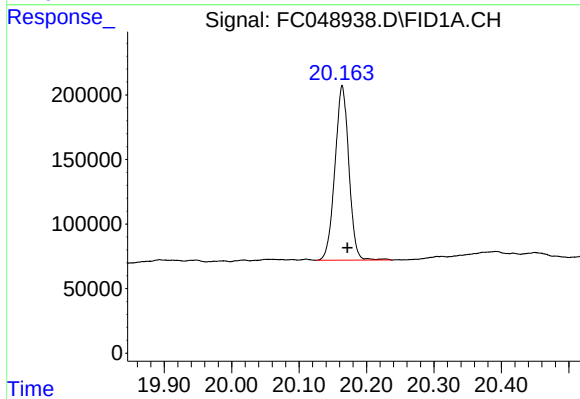
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.008 min
Response: 2195740
Conc: 20.31 ug/ml



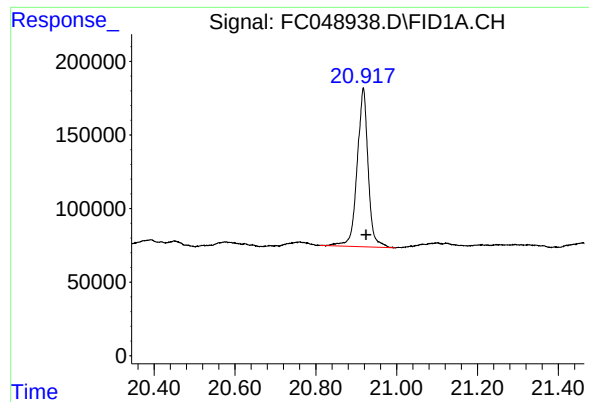
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.007 min
Response: 2037748
Conc: 19.65 ug/ml



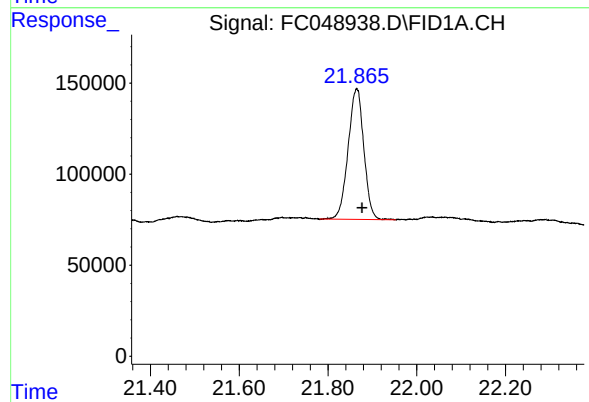
#20 n-Hexatriacontane (C36)

R.T.: 20.164 min
Delta R.T.: -0.008 min
Response: 1942786
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.007 min
Response: 2027092
Conc: 21.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: -0.012 min
Response: 1762145
Conc: 18.46 ug/ml