

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062920AL\
 Data File : FC048138.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jun 2020 10:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 00:50:35 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)	11.720	2348959	19.582 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	13.133	1878345	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.535	2134800	21.333 ug/ml
2) T n-Decane (C10)	4.597	2219415	22.089 ug/ml
3) T A~Naphthalene (C11.7)	6.197	2188900	21.694 ug/ml
4) T n-Dodecane (C12)	6.596	2315904	22.123 ug/ml
5) T A~2-methylnaphthalene...	7.244	2185910	21.119 ug/ml
6) T n-Tetradecane (C14)	8.373	2303043	21.943 ug/ml
7) T n-Hexadecane (C16)	9.958	2250080	21.536 ug/ml
8) T n-Octadecane (C18)	11.387	2298523	20.678 ug/ml
10) T n-Eicosane (C20)	12.686	2253311	19.800 ug/ml
11) T n-Heneicosane (C21)	13.295	2218808	19.390 ug/ml
13) T n-Docosane (C22)	13.876	2171690	18.932 ug/ml
14) T n-Tetracosane (C24)	14.972	2086464	18.157 ug/ml
15) T n-Hexacosane (C26)	15.986	2004253	17.547 ug/ml
16) T n-Octacosane (C28)	16.931	1975297	17.379 ug/ml
17) T n-Tricontane (C30)	17.812	1937010	17.674 ug/ml
18) T n-Dotriacontane (C32)	18.640	1803565	18.193 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1724026	18.824 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1867860	21.781 ug/ml
21) T n-Octatriacontane (C38)	20.903	1584899	19.902 ug/ml
22) T n-Tetracontane (C40)	21.839	1659552	20.989 ug/ml

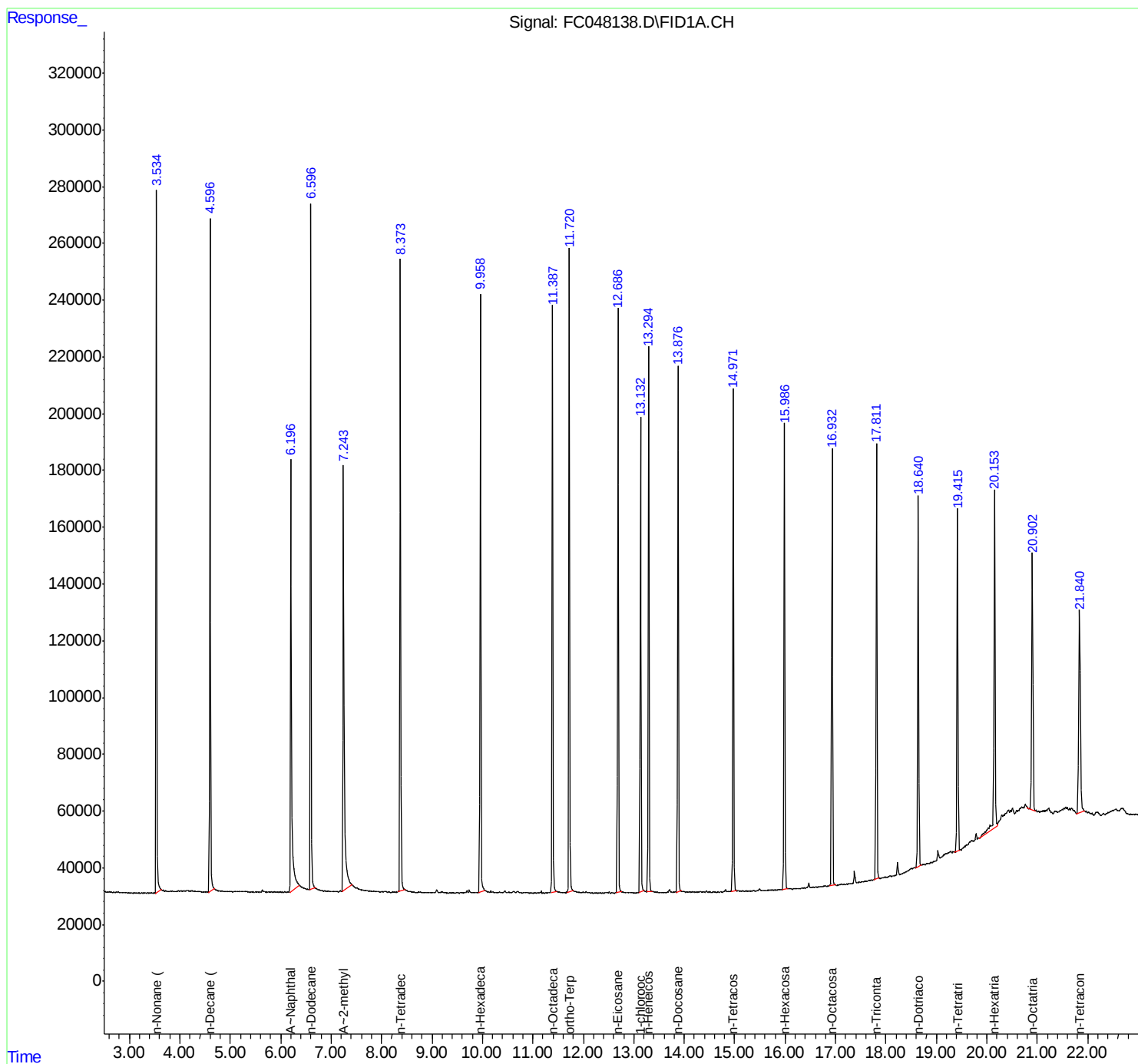
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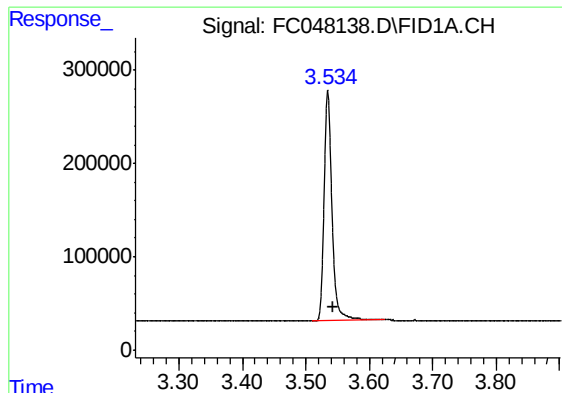
(m)=manual int.

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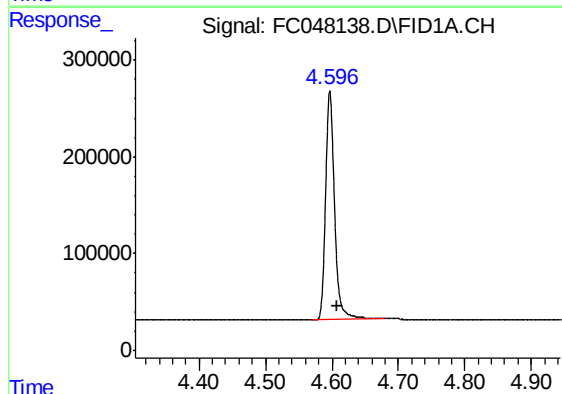
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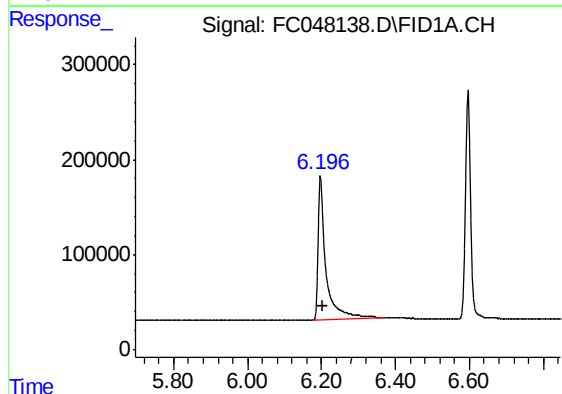
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2134800
Conc: 21.33 ug/ml



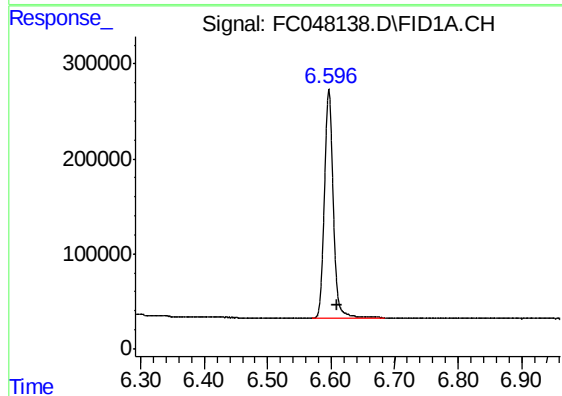
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.011 min
Response: 2219415
Conc: 22.09 ug/ml



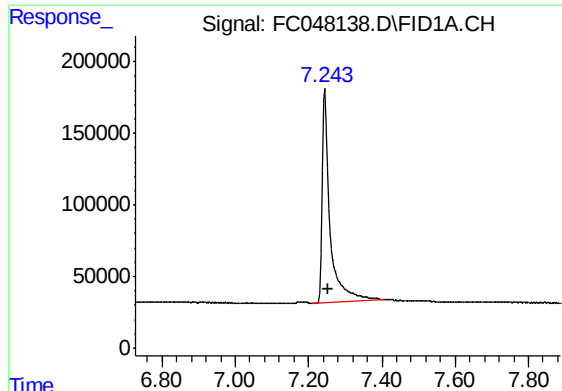
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 2188900
Conc: 21.69 ug/ml



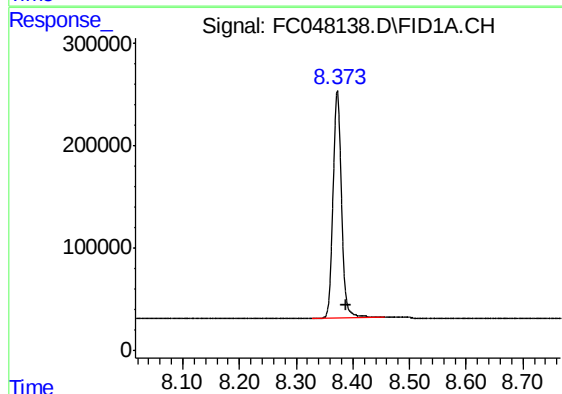
#4 n-Dodecane (C12)

R.T.: 6.596 min
Delta R.T.: -0.014 min
Response: 2315904
Conc: 22.12 ug/ml



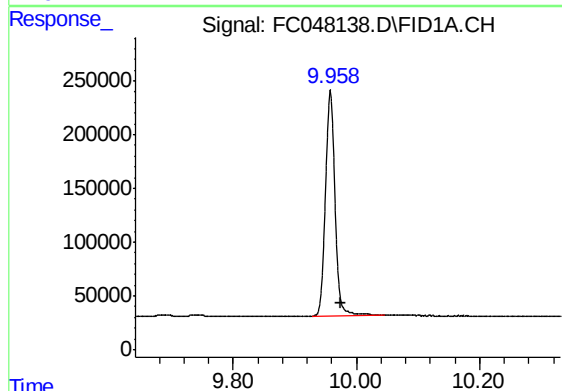
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.009 min
Response: 2185910
Conc: 21.12 ug/ml



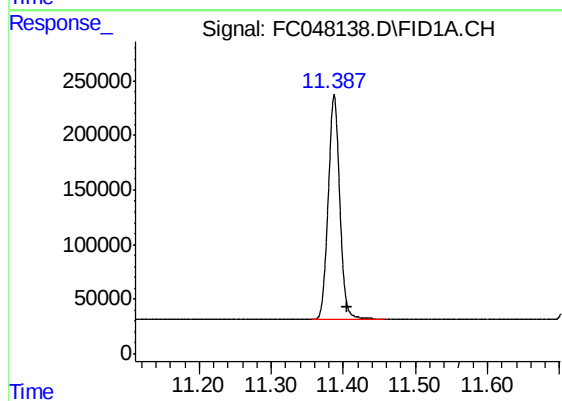
#6 n-Tetradecane (C14)

R.T.: 8.373 min
Delta R.T.: -0.015 min
Response: 2303043
Conc: 21.94 ug/ml



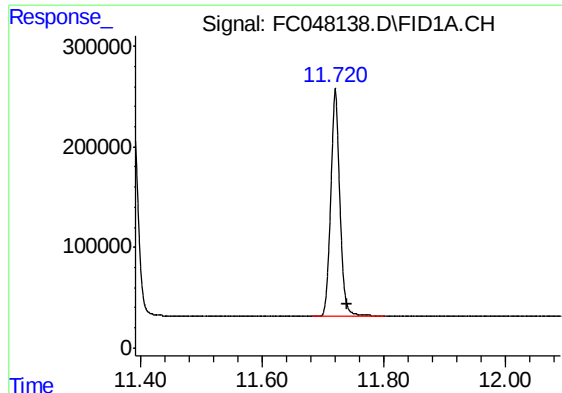
#7 n-Hexadecane (C16)

R.T.: 9.958 min
Delta R.T.: -0.016 min
Response: 2250080
Conc: 21.54 ug/ml



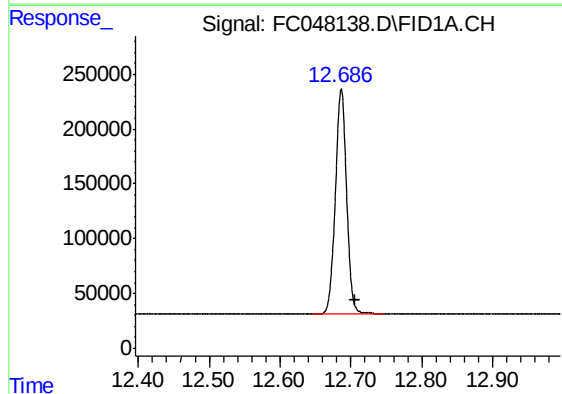
#8 n-Octadecane (C18)

R.T.: 11.387 min
Delta R.T.: -0.018 min
Response: 2298523
Conc: 20.68 ug/ml



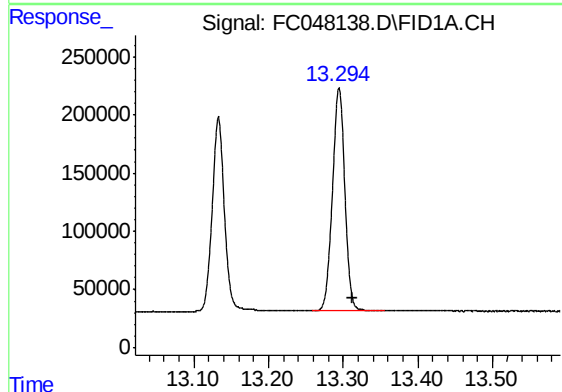
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: -0.019 min
Response: 2348959
Conc: 19.58 ug/ml



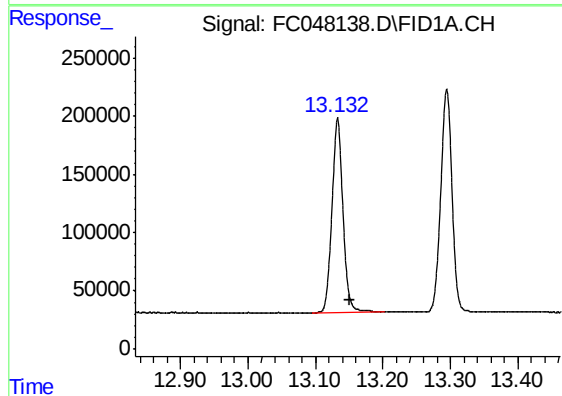
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: -0.018 min
Response: 2253311
Conc: 19.80 ug/ml



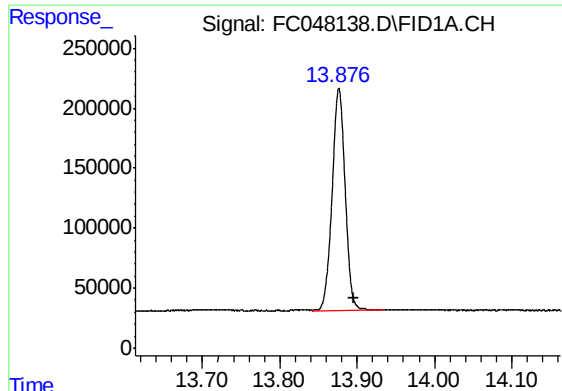
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: -0.018 min
Response: 2218808
Conc: 19.39 ug/ml



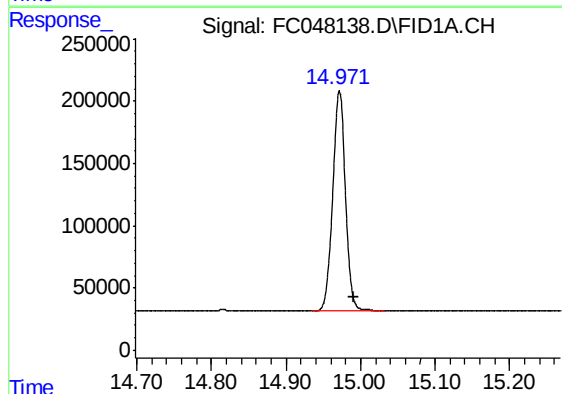
#12 1-chlorooctadecane (SURR)

R.T.: 13.133 min
Delta R.T.: -0.017 min
Response: 1878345
Conc: 19.18 ug/ml



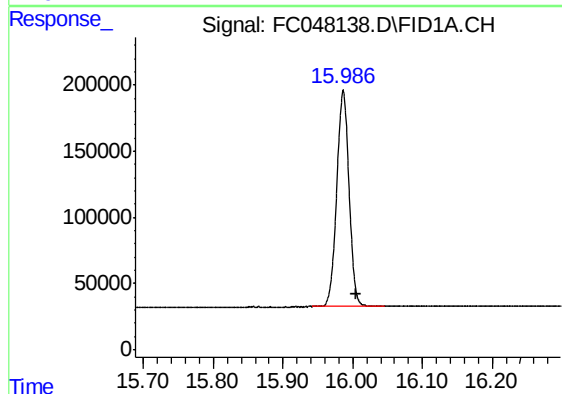
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.019 min
Response: 2171690
Conc: 18.93 ug/ml



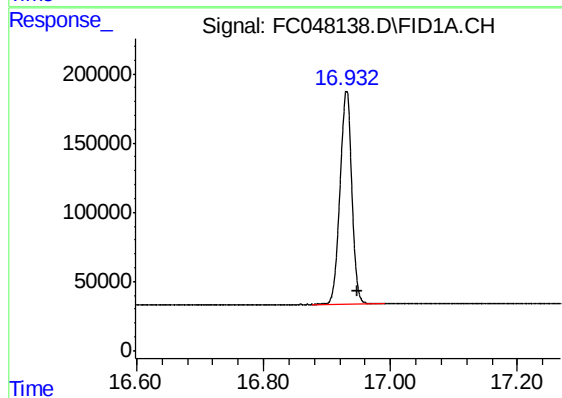
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.019 min
Response: 2086464
Conc: 18.16 ug/ml



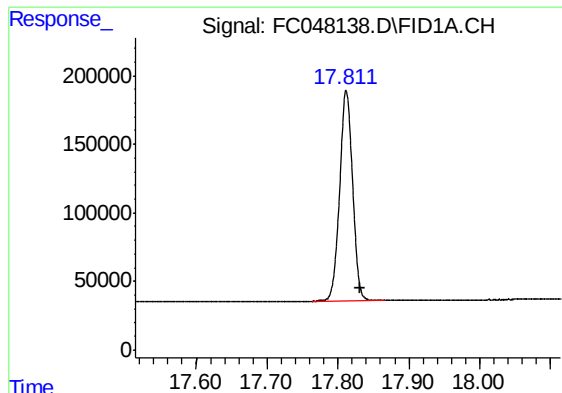
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.018 min
Response: 2004253
Conc: 17.55 ug/ml



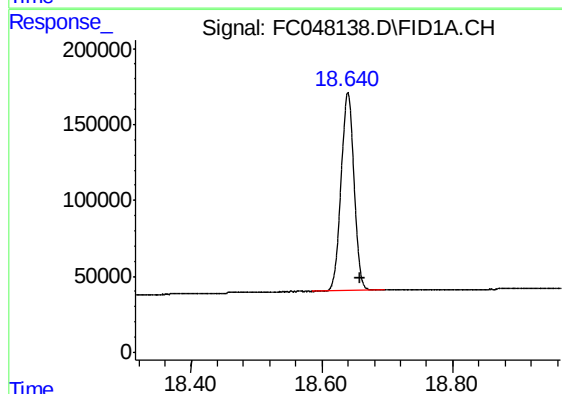
#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: -0.017 min
Response: 1975297
Conc: 17.38 ug/ml



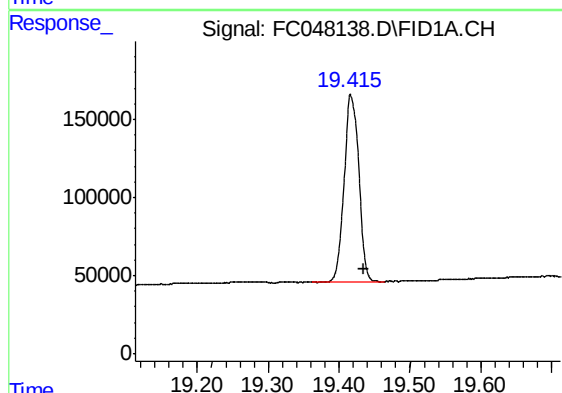
#17 n-Tricontane (C30)

R.T.: 17.812 min
Delta R.T.: -0.019 min
Response: 1937010
Conc: 17.67 ug/ml



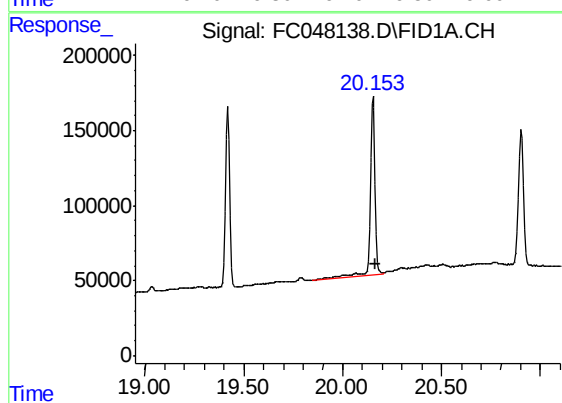
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: -0.019 min
Response: 1803565
Conc: 18.19 ug/ml



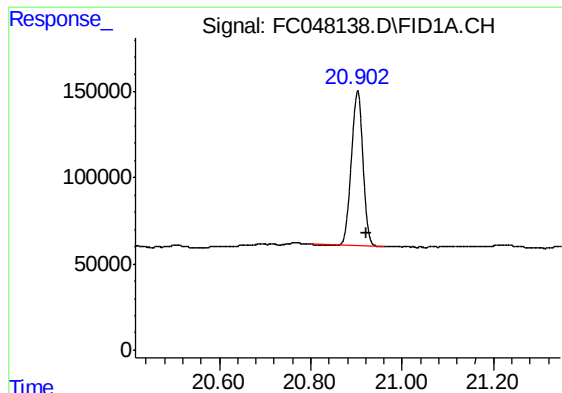
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.019 min
Response: 1724026
Conc: 18.82 ug/ml



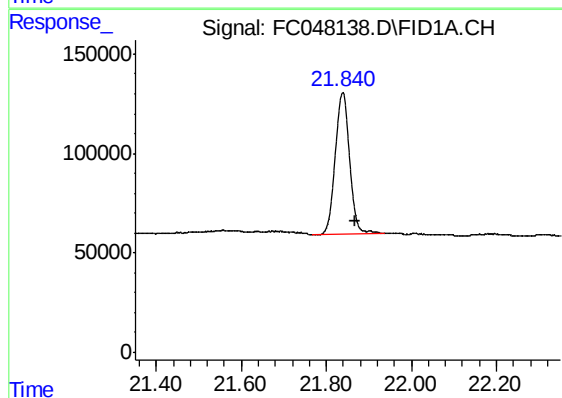
#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: -0.014 min
Response: 1867860
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.020 min
Response: 1584899
Conc: 19.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.029 min
Response: 1659552
Conc: 20.99 ug/ml