

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050620AL\
 Data File : FC047294.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2020 10:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 02:08:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.749	2218826	19.940 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	13.162	1746390	19.555 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	3.550	2040055	21.131 ug/ml
2) T n-Decane (C10)	4.615	2064936	21.407 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2118986	21.035 ug/ml
4) T n-Dodecane (C12)	6.618	2101334	21.372 ug/ml
5) T A~2-methylnaphthalene...	7.262	2118259	21.236 ug/ml
6) T n-Tetradecane (C14)	8.397	2108165	21.347 ug/ml
7) T n-Hexadecane (C16)	9.985	2105275	20.881 ug/ml
8) T n-Octadecane (C18)	11.416	2107744	20.417 ug/ml
10) T n-Eicosane (C20)	12.717	2085571	19.876 ug/ml
11) T n-Heneicosane (C21)	13.325	2083124	19.584 ug/ml
13) T n-Docosane (C22)	13.907	2056264	19.324 ug/ml
14) T n-Tetracosane (C24)	15.004	2026579	18.844 ug/ml
15) T n-Hexacosane (C26)	16.019	1976988	18.324 ug/ml
16) T n-Octacosane (C28)	16.963	1917706	17.942 ug/ml
17) T n-Tricontane (C30)	17.845	1780799	17.796 ug/ml
18) T n-Dotriacontane (C32)	18.672	1357439	17.814 ug/ml
19) T n-Tetratriacontane (C34)	19.451	1007842	17.936 ug/ml
20) T n-Hexatriacontane (C36)	20.187	909915	18.183 ug/ml
21) T n-Octatriacontane (C38)	20.943	841258	18.552 ug/ml
22) T n-Tetracontane (C40)	21.894	908298	19.363 ug/ml

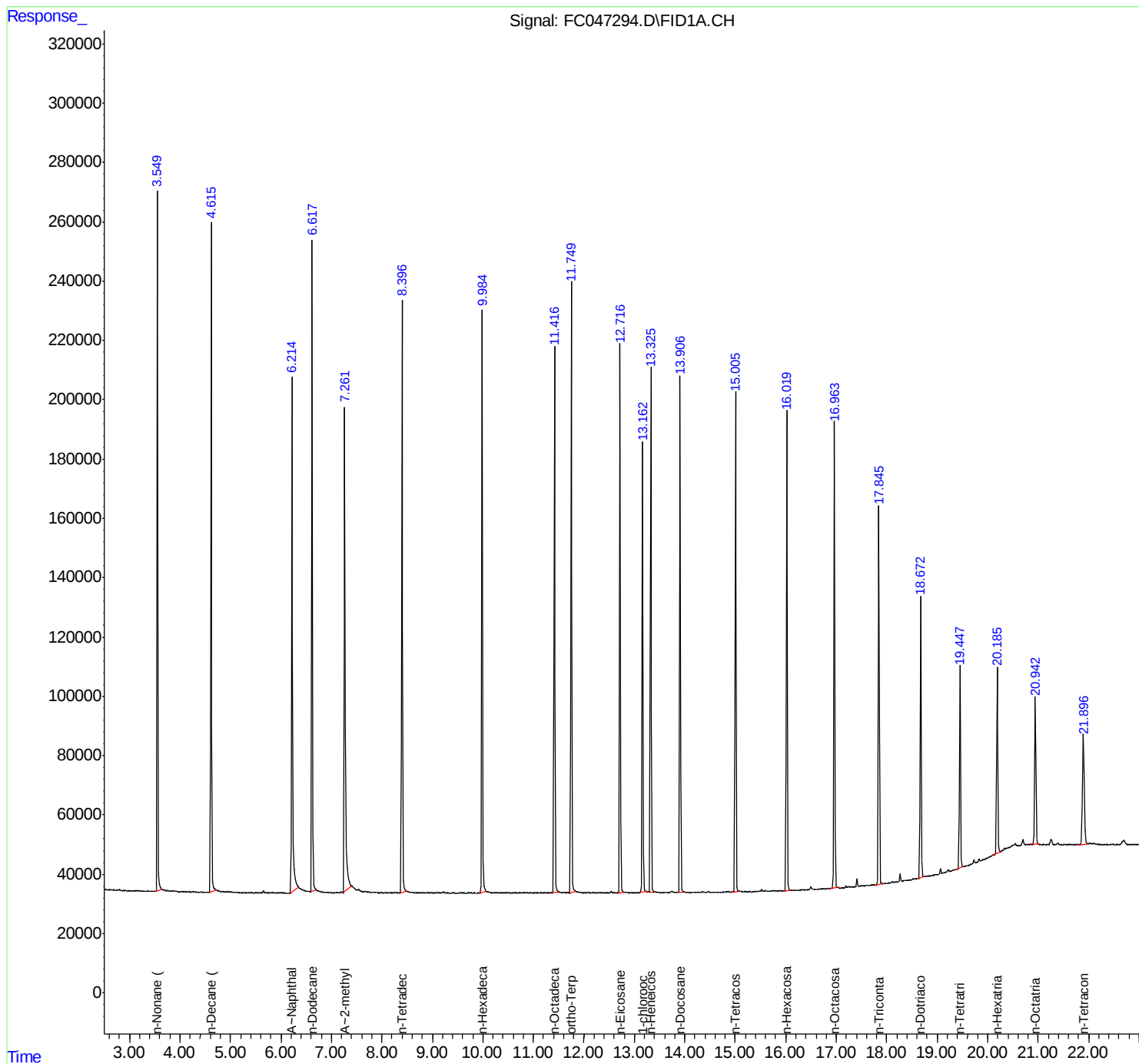
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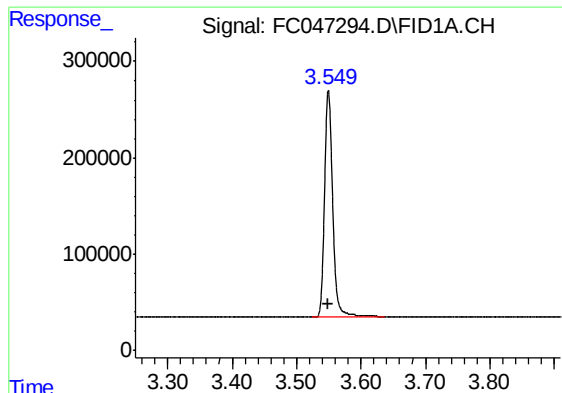
(m)=manual int.

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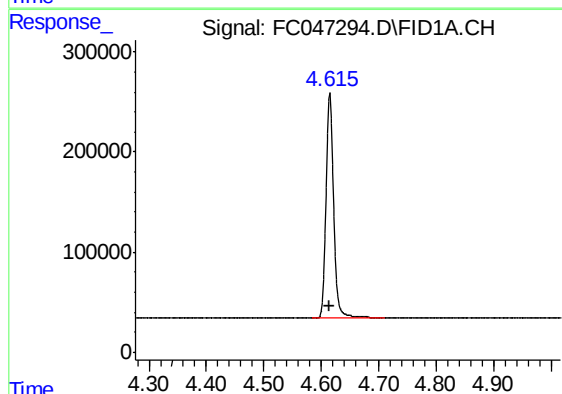
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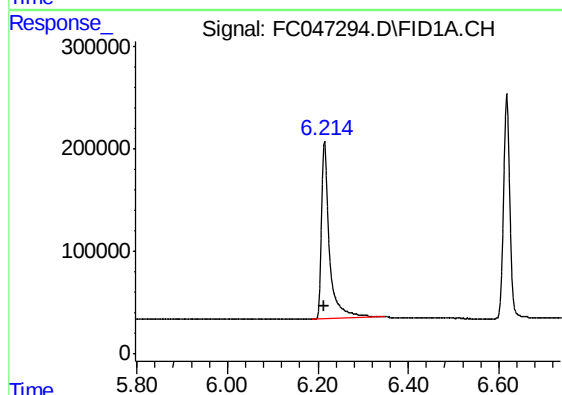
#1 n-Nonane (C9)

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2040055
Conc: 21.13 ug/ml



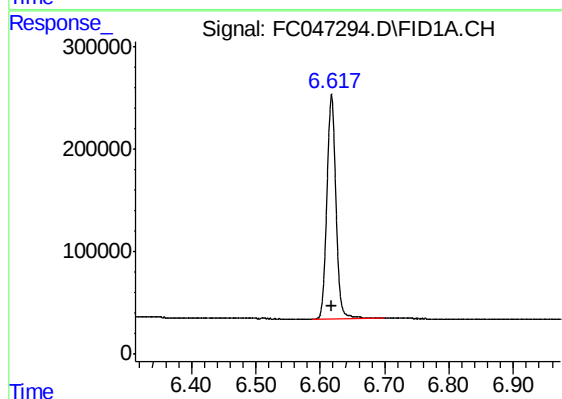
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2064936
Conc: 21.41 ug/ml



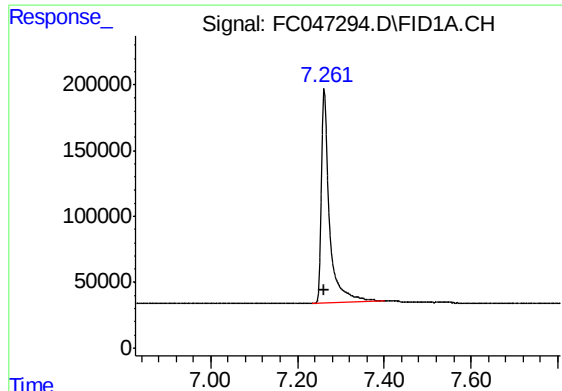
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 2118986
Conc: 21.03 ug/ml



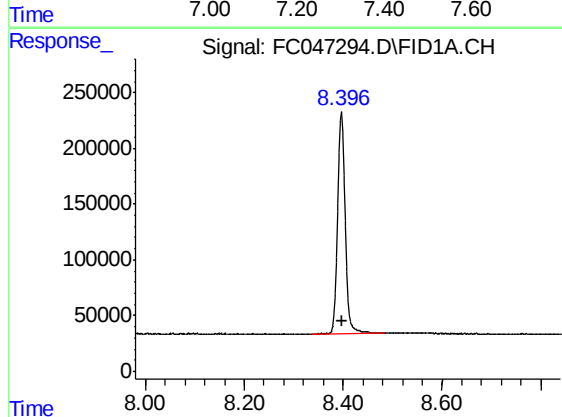
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2101334
Conc: 21.37 ug/ml



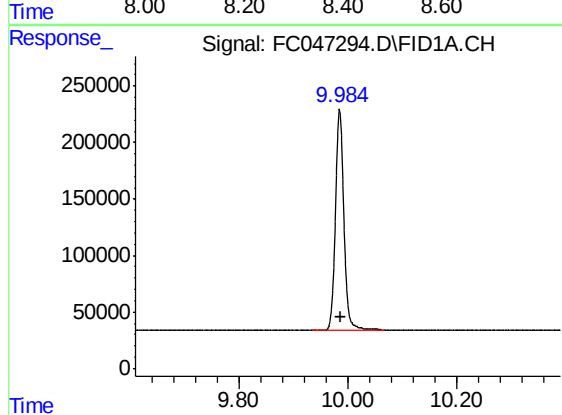
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2118259
Conc: 21.24 ug/ml



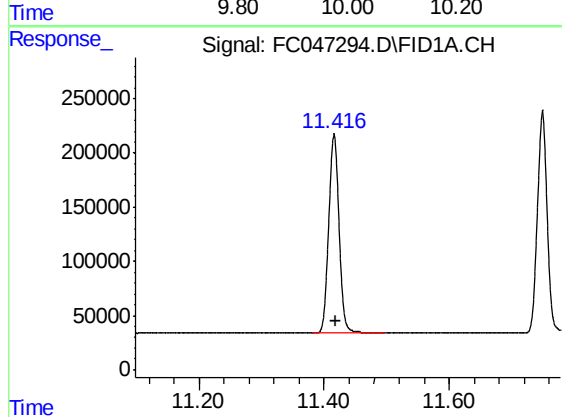
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.001 min
Response: 2108165
Conc: 21.35 ug/ml



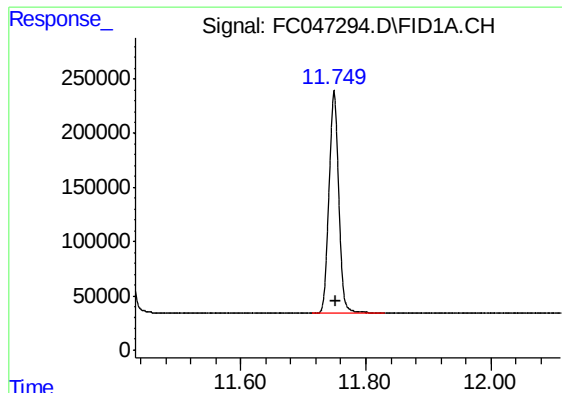
#7 n-Hexadecane (C16)

R.T.: 9.985 min
Delta R.T.: -0.002 min
Response: 2105275
Conc: 20.88 ug/ml



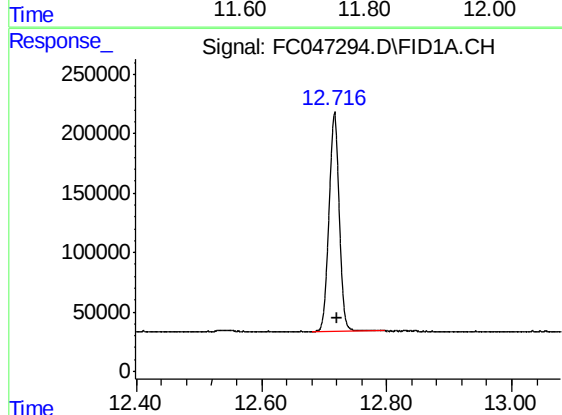
#8 n-Octadecane (C18)

R.T.: 11.416 min
Delta R.T.: -0.003 min
Response: 2107744
Conc: 20.42 ug/ml



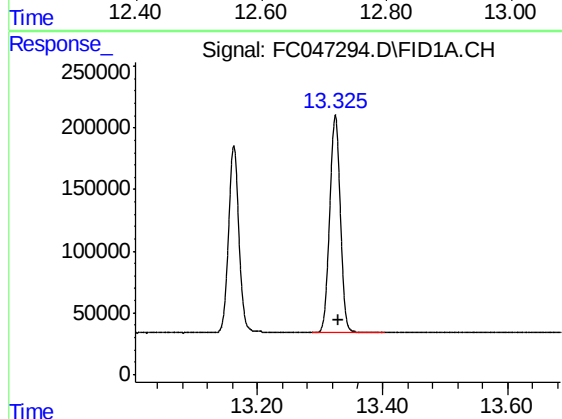
#9 ortho-Terphenyl (SURR)

R.T.: 11.749 min
Delta R.T.: -0.002 min
Response: 2218826
Conc: 19.94 ug/ml



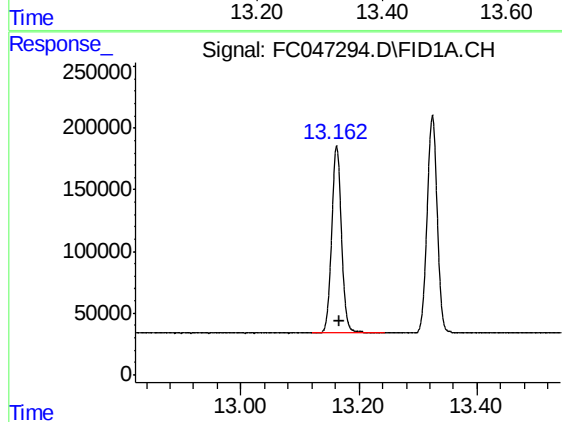
#10 n-Eicosane (C20)

R.T.: 12.717 min
Delta R.T.: -0.003 min
Response: 2085571
Conc: 19.88 ug/ml



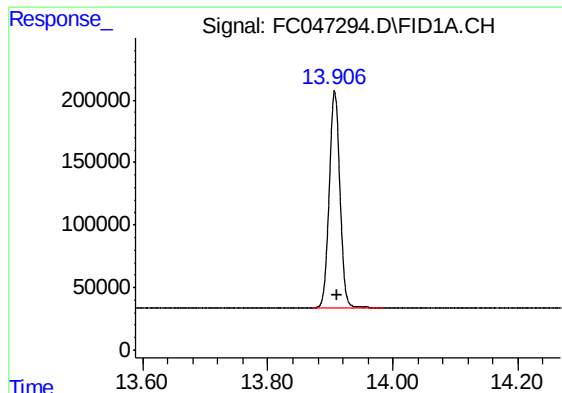
#11 n-Heneicosane (C21)

R.T.: 13.325 min
Delta R.T.: -0.004 min
Response: 2083124
Conc: 19.58 ug/ml



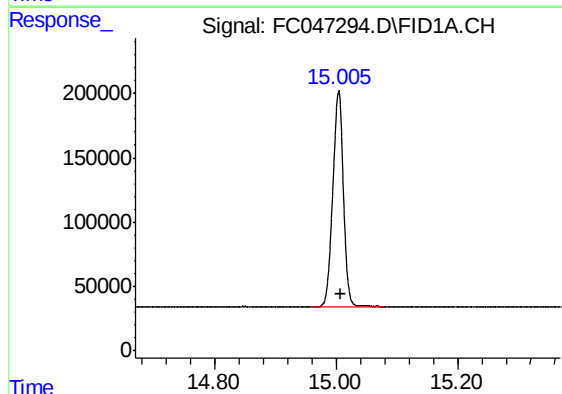
#12 1-chlorooctadecane (SURR)

R.T.: 13.162 min
Delta R.T.: -0.004 min
Response: 1746390
Conc: 19.56 ug/ml



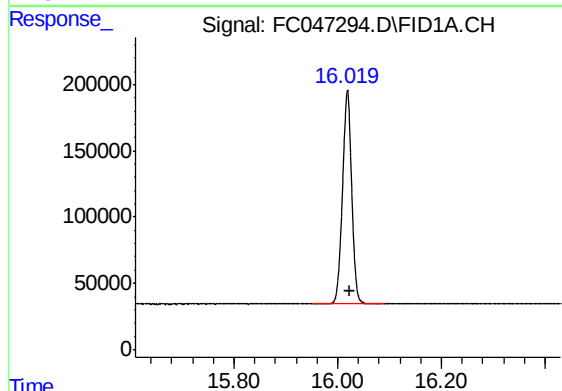
#13 n-Docosane (C22)

R.T.: 13.907 min
Delta R.T.: -0.004 min
Response: 2056264
Conc: 19.32 ug/ml



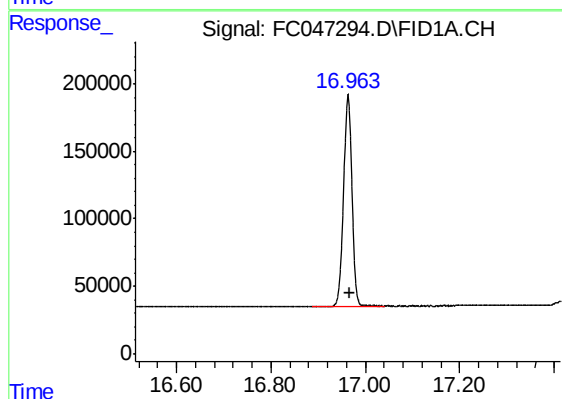
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.003 min
Response: 2026579
Conc: 18.84 ug/ml



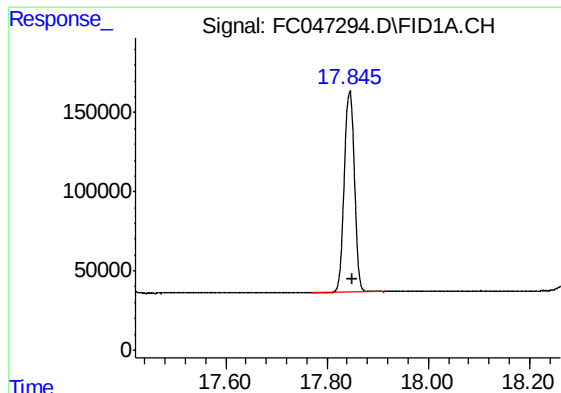
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: -0.004 min
Response: 1976988
Conc: 18.32 ug/ml



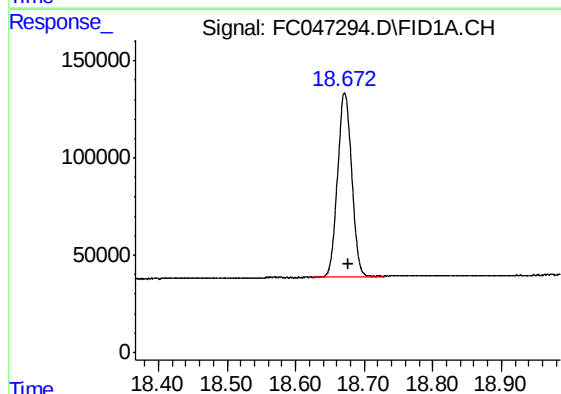
#16 n-Octacosane (C28)

R.T.: 16.963 min
Delta R.T.: -0.003 min
Response: 1917706
Conc: 17.94 ug/ml



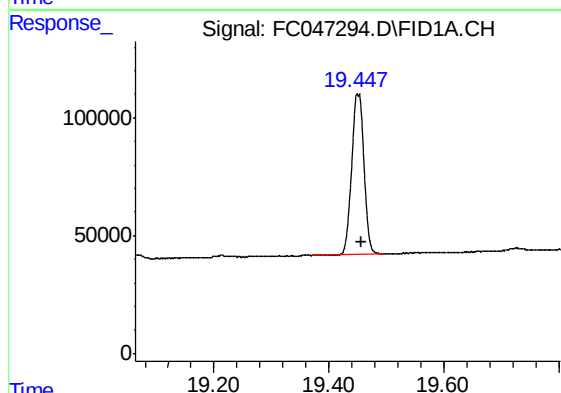
#17 n-Tricontane (C30)

R.T.: 17.845 min
Delta R.T.: -0.005 min
Response: 1780799
Conc: 17.80 ug/ml



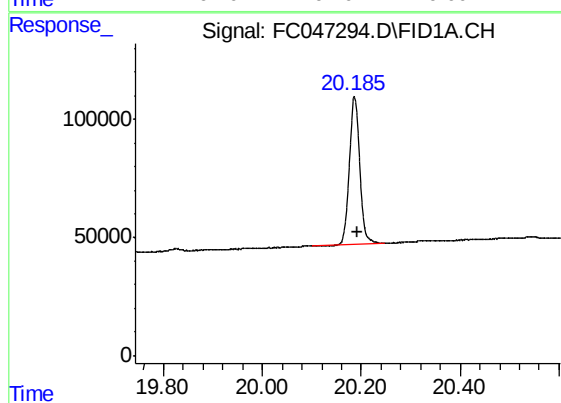
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.005 min
Response: 1357439
Conc: 17.81 ug/ml



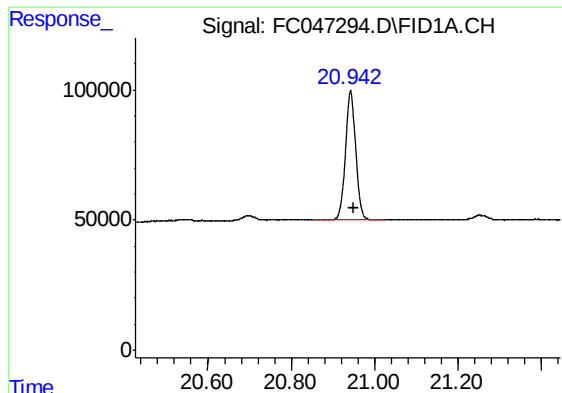
#19 n-Tetatriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.006 min
Response: 1007842
Conc: 17.94 ug/ml



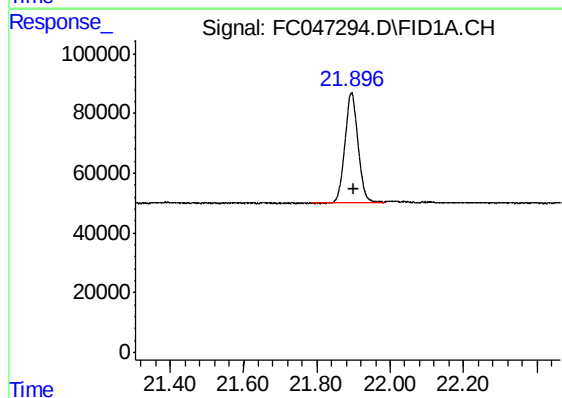
#20 n-Hexatriacontane (C36)

R.T.: 20.187 min
Delta R.T.: -0.005 min
Response: 909915
Conc: 18.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.943 min
Delta R.T.: -0.006 min
Response: 841258
Conc: 18.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.007 min
Response: 908298
Conc: 19.36 ug/ml