

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020620AL\
 Data File : FC045695.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2020 8:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 04:38:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.766	2292712	20.856 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	13.185	1766985	20.323 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.519	2220448	22.957 ug/ml
2) T n-Decane (C10)	4.594	2263307	23.369 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2432834	22.778 ug/ml
4) T n-Dodecane (C12)	6.611	2268116	23.201 ug/ml
5) T A~2-methylnaphthalene...	7.252	2439025	22.753 ug/ml
6) T n-Tetradecane (C14)	8.400	2244189	22.774 ug/ml
7) T n-Hexadecane (C16)	9.996	2216771	22.142 ug/ml
8) T n-Octadecane (C18)	11.433	2186397	21.466 ug/ml
10) T n-Eicosane (C20)	12.738	2136625	20.834 ug/ml
11) T n-Heneicosane (C21)	13.350	2117476	20.457 ug/ml
13) T n-Docosane (C22)	13.935	2079300	20.152 ug/ml
14) T n-Tetracosane (C24)	15.034	2043220	19.663 ug/ml
15) T n-Hexacosane (C26)	16.051	1999768	19.356 ug/ml
16) T n-Octacosane (C28)	16.999	1986058	19.431 ug/ml
17) T n-Tricontane (C30)	17.886	1968658	20.054 ug/ml
18) T n-Dotriacontane (C32)	18.715	1716647	20.630 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1481066	20.929 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1353533	21.110 ug/ml
21) T n-Octatriacontane (C38)	21.003	1250366	21.378 ug/ml
22) T n-Tetracontane (C40)	21.977	1300183	22.040 ug/ml

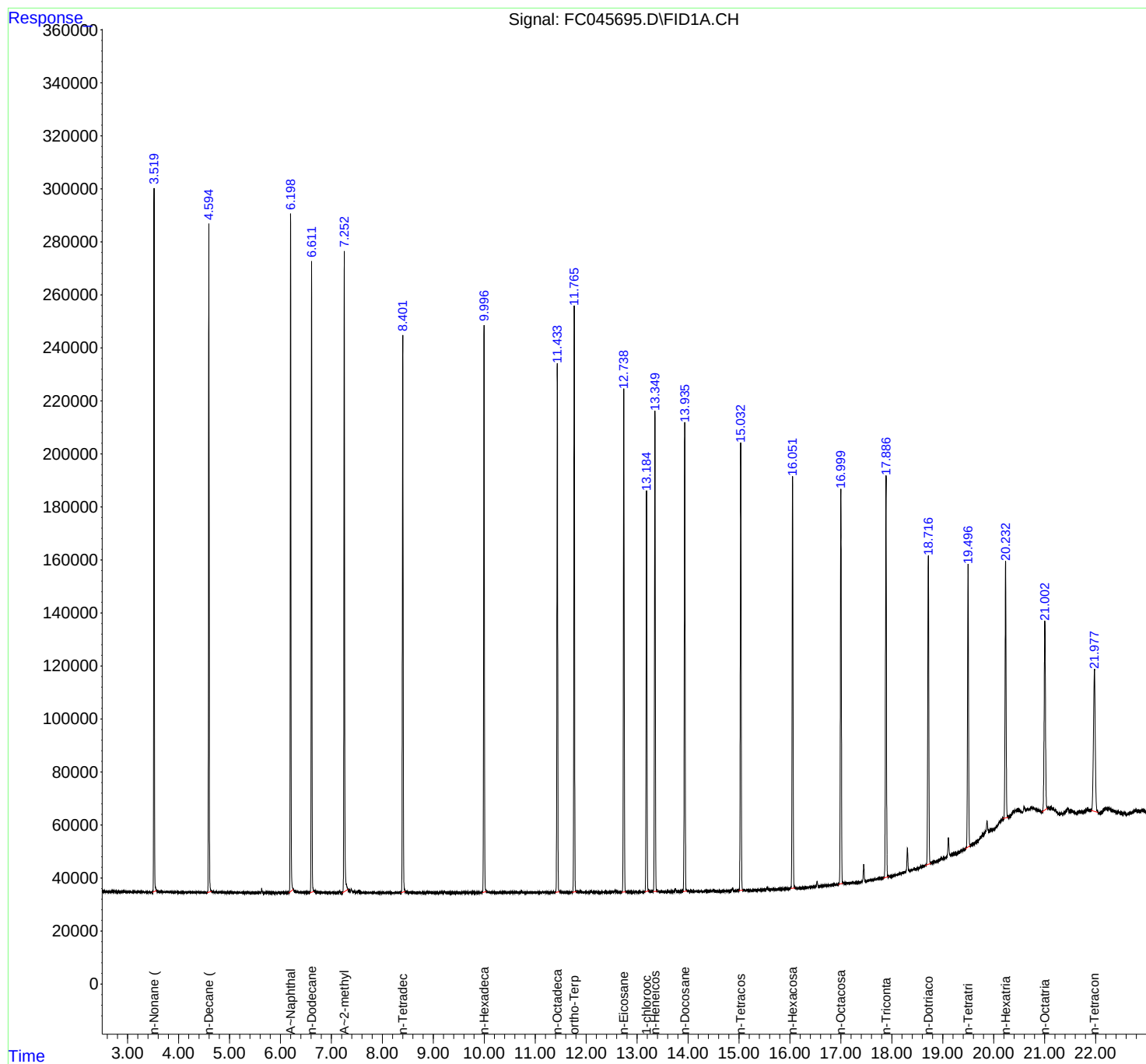
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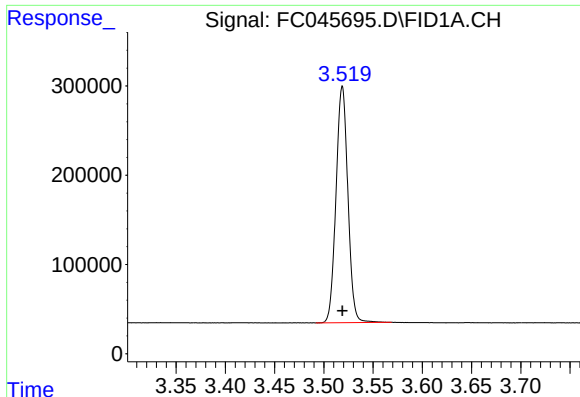
(m)=manual int.

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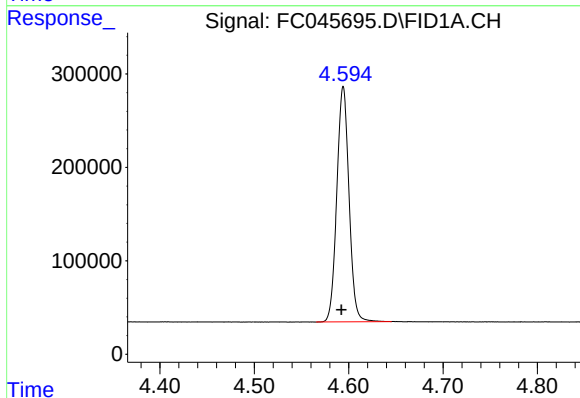
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Signal Info : 20M x 0.18mm x 0.18um





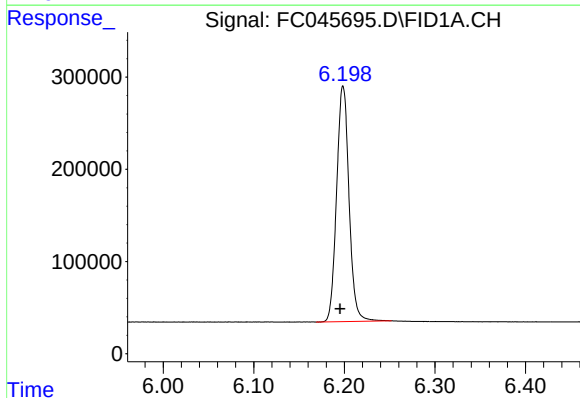
#1 n-Nonane (C9)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 2220448
Conc: 22.96 ug/ml



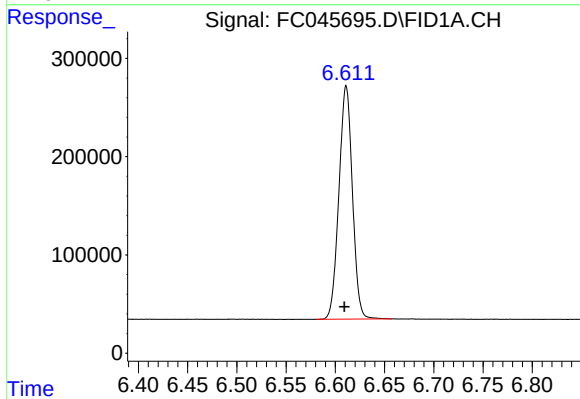
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.002 min
Response: 2263307
Conc: 23.37 ug/ml



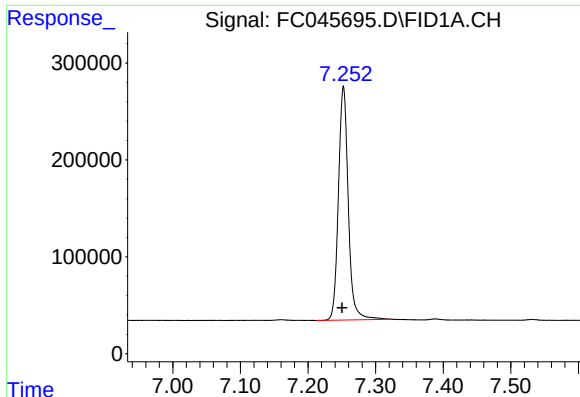
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 2432834
Conc: 22.78 ug/ml



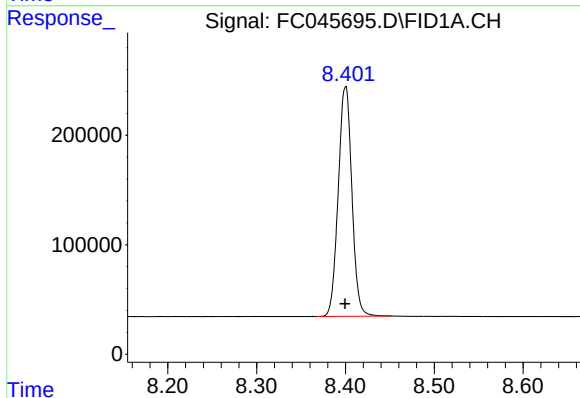
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 2268116
Conc: 23.20 ug/ml



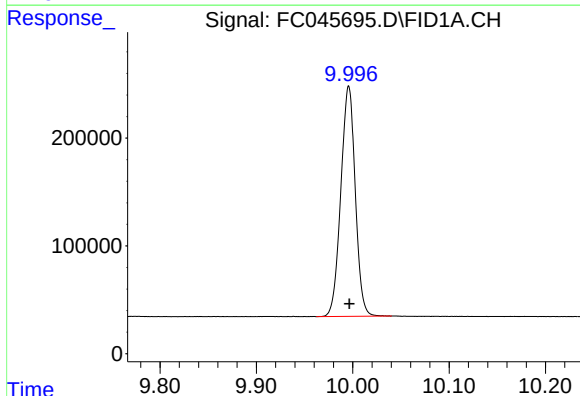
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: 0.002 min
Response: 2439025
Conc: 22.75 ug/ml



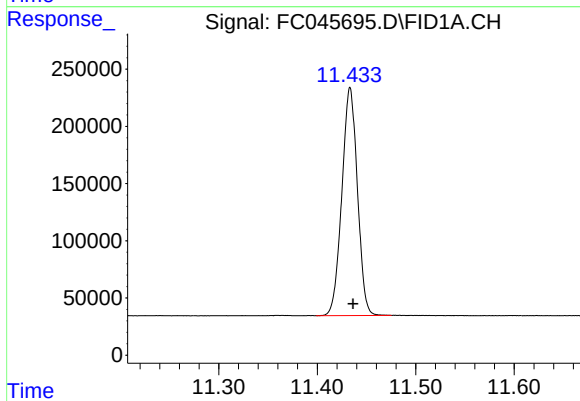
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2244189
Conc: 22.77 ug/ml



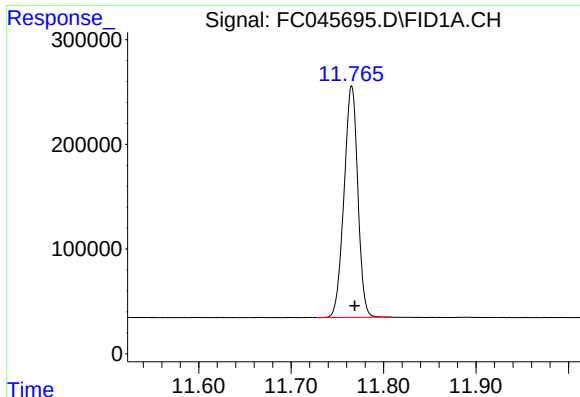
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 2216771
Conc: 22.14 ug/ml



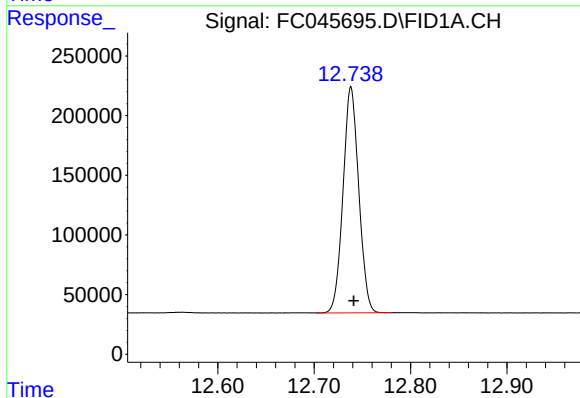
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 2186397
Conc: 21.47 ug/ml



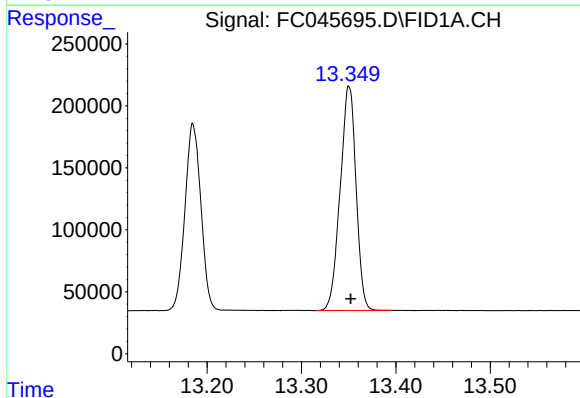
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min
Delta R.T.: -0.003 min
Response: 2292712
Conc: 20.86 ug/ml



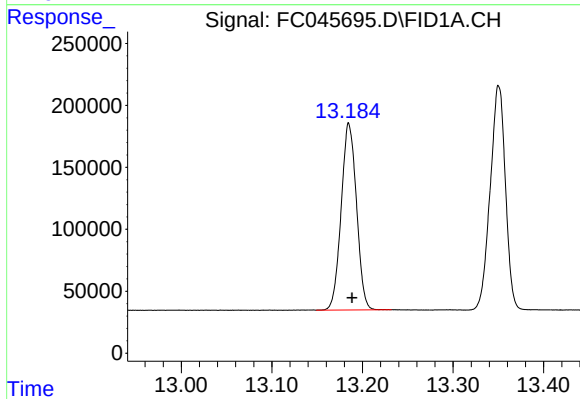
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.003 min
Response: 2136625
Conc: 20.83 ug/ml



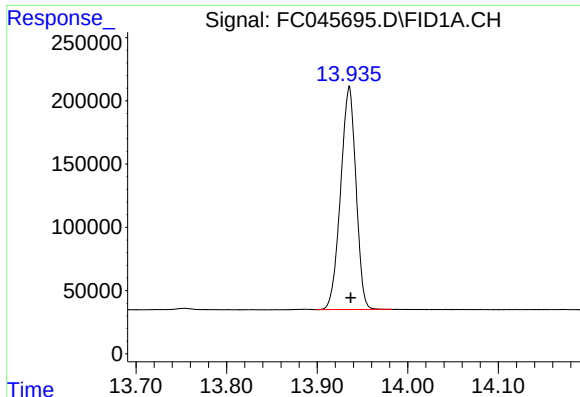
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.002 min
Response: 2117476
Conc: 20.46 ug/ml



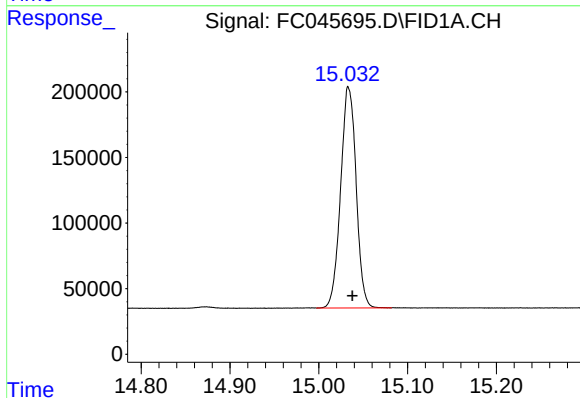
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: -0.003 min
Response: 1766985
Conc: 20.32 ug/ml



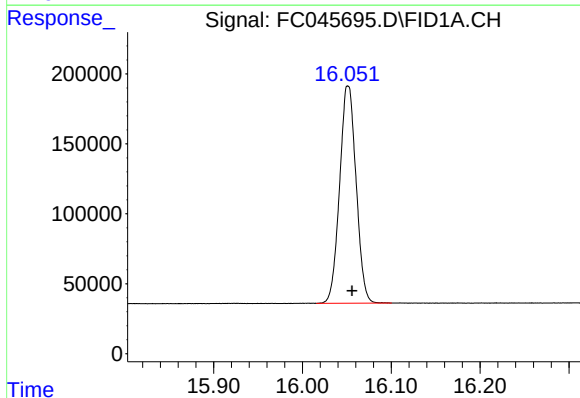
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.002 min
Response: 2079300
Conc: 20.15 ug/ml



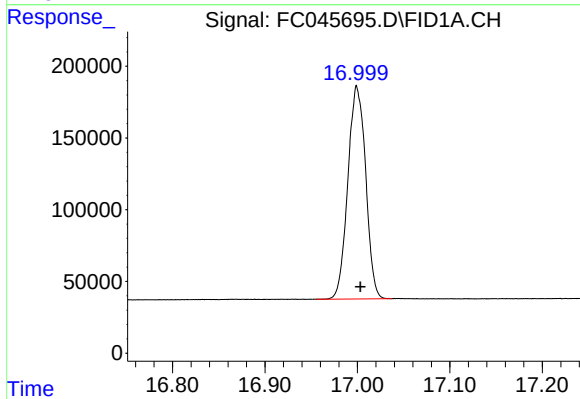
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: -0.004 min
Response: 2043220
Conc: 19.66 ug/ml



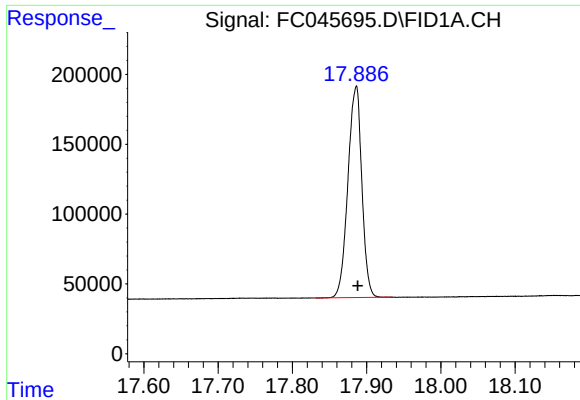
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.004 min
Response: 1999768
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 1986058
Conc: 19.43 ug/ml



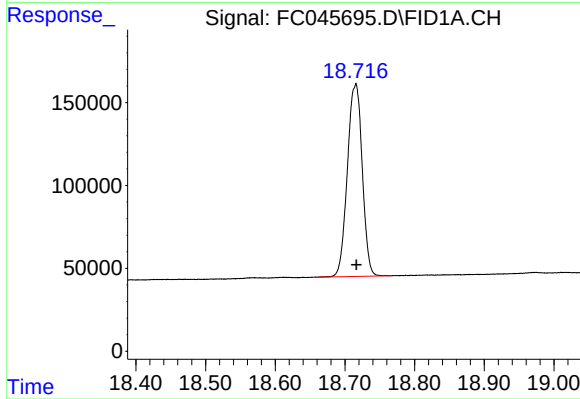
#17 n-Tricontane (C30)

R.T.: 17.886 min

Delta R.T.: -0.002 min

Response: 1968658

Conc: 20.05 ug/ml



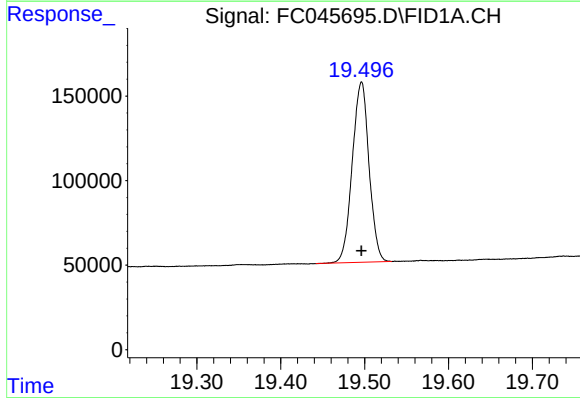
#18 n-Dotriacontane (C32)

R.T.: 18.715 min

Delta R.T.: -0.001 min

Response: 1716647

Conc: 20.63 ug/ml



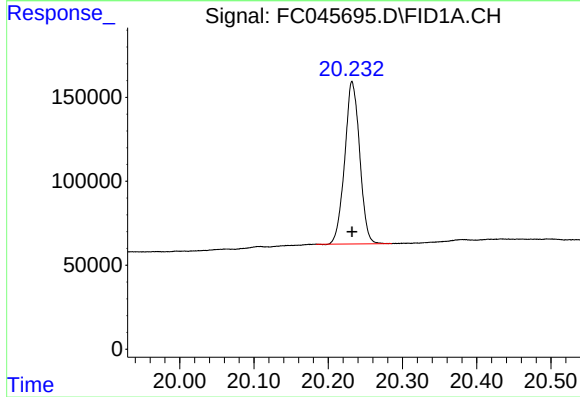
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min

Delta R.T.: 0.000 min

Response: 1481066

Conc: 20.93 ug/ml



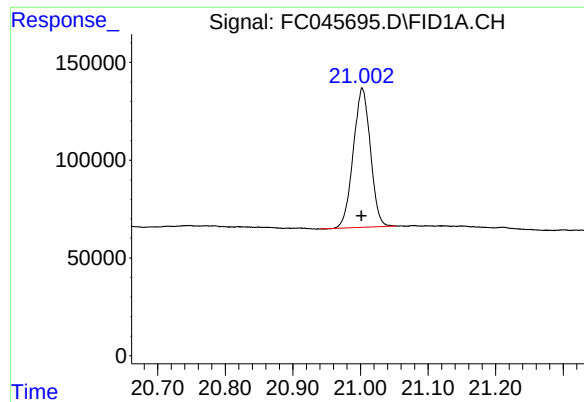
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min

Delta R.T.: 0.000 min

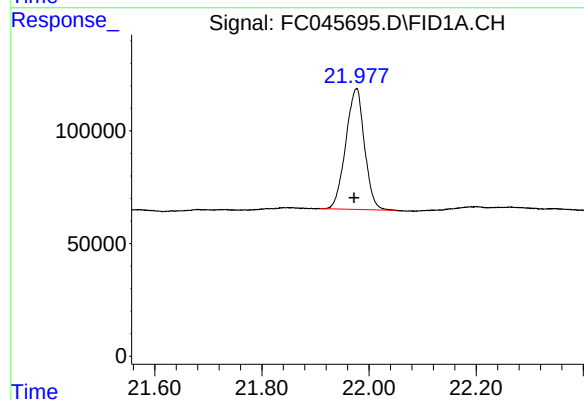
Response: 1353533

Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: 0.001 min
Response: 1250366
Conc: 21.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.005 min
Response: 1300183
Conc: 22.04 ug/ml