

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021220AL\
 Data File : FC045778.D
 Signal(s) : FID1A.CH
 Acq On : 12 Feb 2020 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 00:57:35 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)	11.762	2305616	20.974 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	13.183	1785401	20.535 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.522	2233156	23.088 ug/ml
2) T n-Decane (C10)	4.597	2295753	23.704 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2468133	23.109 ug/ml
4) T n-Dodecane (C12)	6.612	2312229	23.652 ug/ml
5) T A~2-methylnaphthalene...	7.253	2467997	23.024 ug/ml
6) T n-Tetradecane (C14)	8.400	2289422	23.233 ug/ml
7) T n-Hexadecane (C16)	9.994	2259917	22.573 ug/ml
8) T n-Octadecane (C18)	11.431	2222353	21.819 ug/ml
10) T n-Eicosane (C20)	12.736	2163642	21.098 ug/ml
11) T n-Heneicosane (C21)	13.346	2139131	20.666 ug/ml
13) T n-Docosane (C22)	13.930	2098091	20.335 ug/ml
14) T n-Tetracosane (C24)	15.030	2057029	19.796 ug/ml
15) T n-Hexacosane (C26)	16.047	2031704	19.665 ug/ml
16) T n-Octacosane (C28)	16.994	2046985	20.027 ug/ml
17) T n-Tricontane (C30)	17.878	2075018	21.137 ug/ml
18) T n-Dotriacontane (C32)	18.708	1826407	21.949 ug/ml
19) T n-Tetratriacontane (C34)	19.489	1560634	22.053 ug/ml
20) T n-Hexatriacontane (C36)	20.224	1433802	22.361 ug/ml
21) T n-Octatriacontane (C38)	20.991	1311807	22.428 ug/ml
22) T n-Tetracontane (C40)	21.960	1307539	22.165 ug/ml

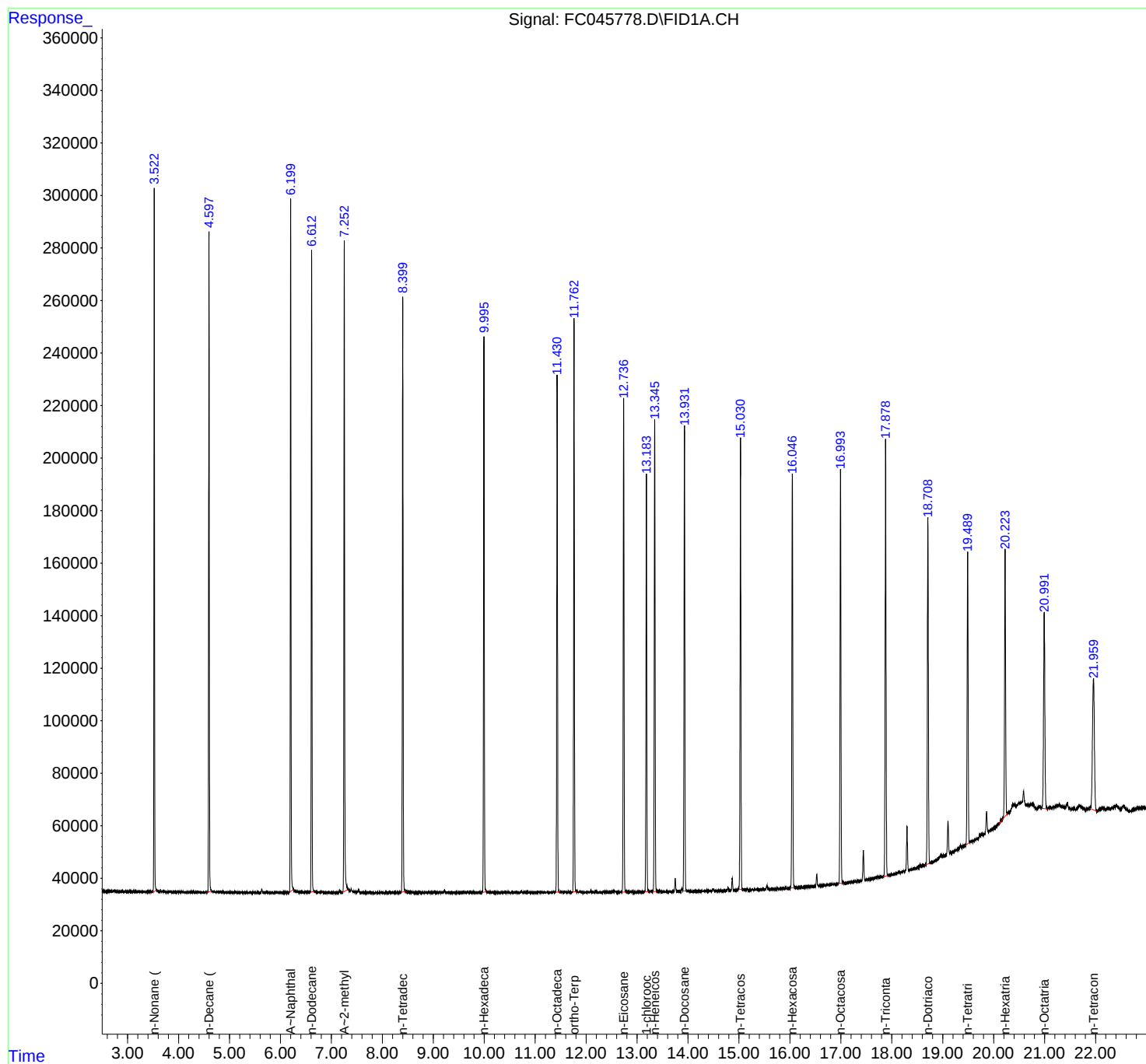
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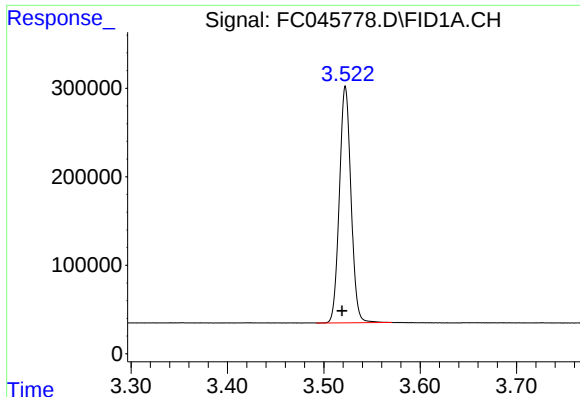
(m)=manual int.

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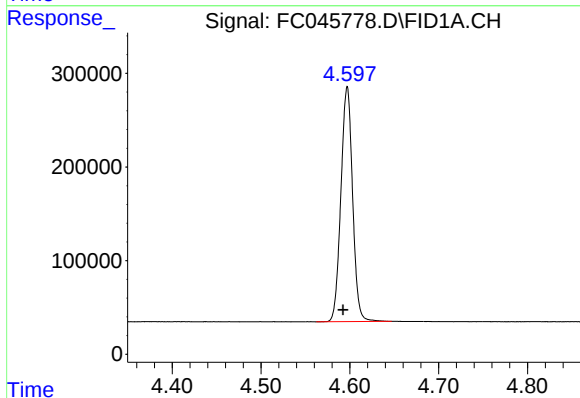
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





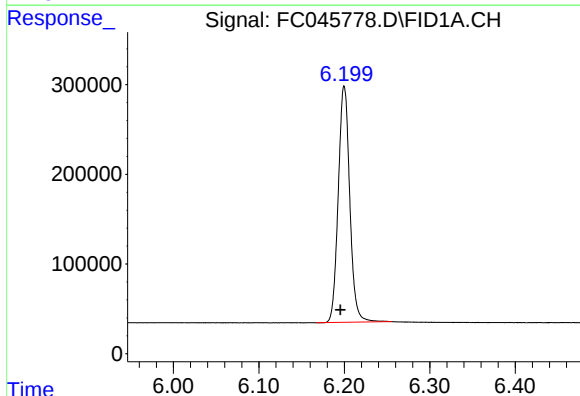
#1 n-Nonane (C9)

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 2233156
Conc: 23.09 ug/ml



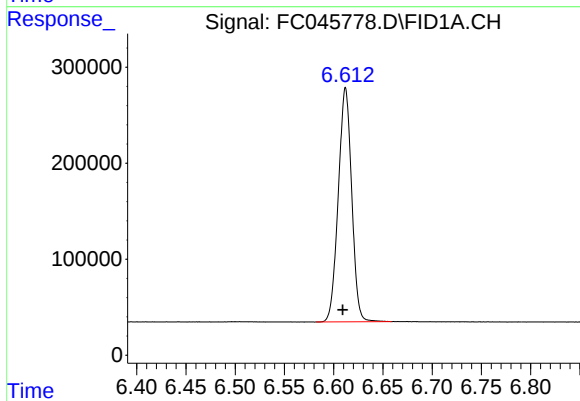
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2295753
Conc: 23.70 ug/ml



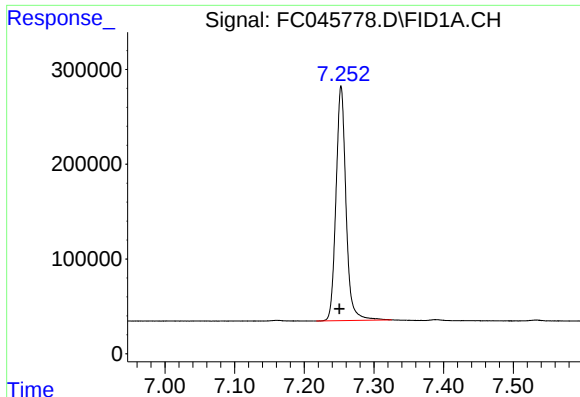
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2468133
Conc: 23.11 ug/ml



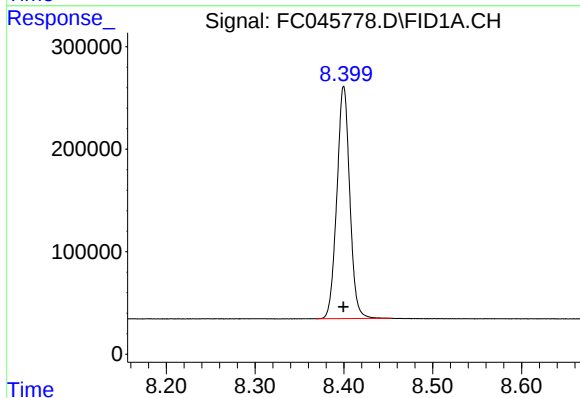
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2312229
Conc: 23.65 ug/ml



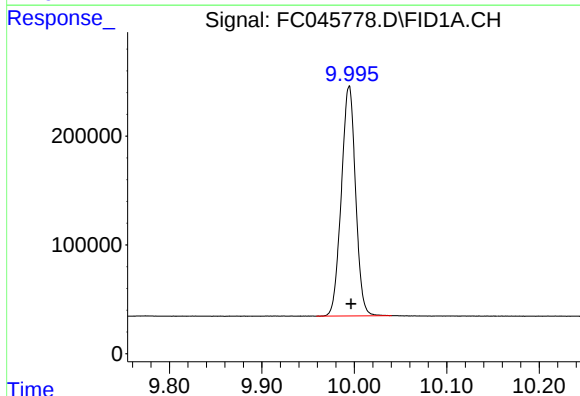
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 2467997
Conc: 23.02 ug/ml



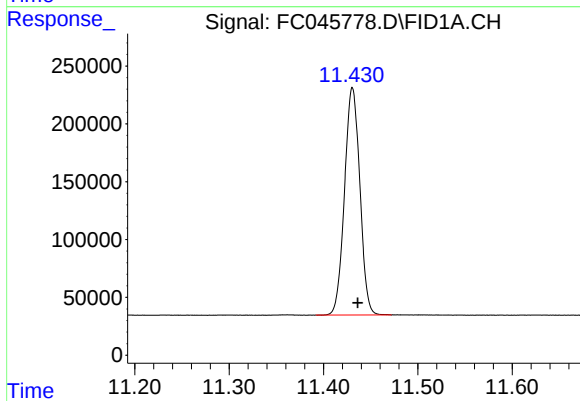
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2289422
Conc: 23.23 ug/ml



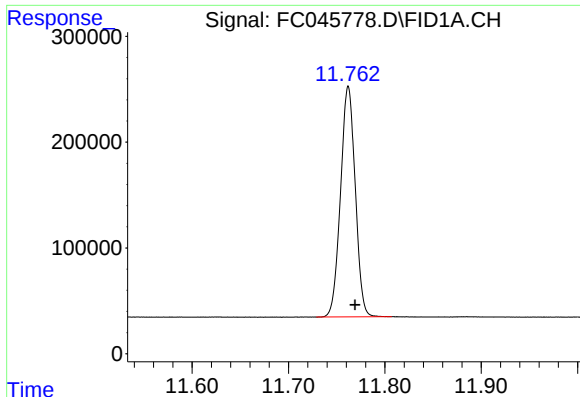
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.002 min
Response: 2259917
Conc: 22.57 ug/ml



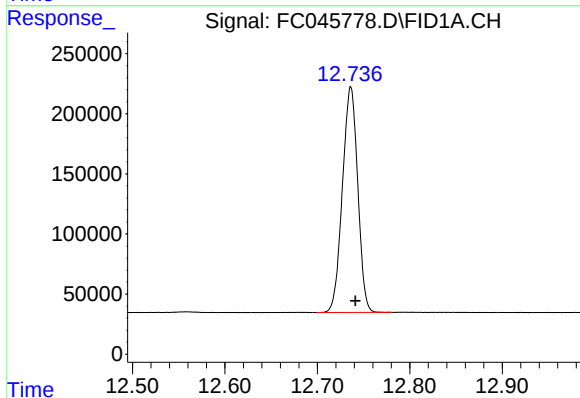
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.006 min
Response: 2222353
Conc: 21.82 ug/ml



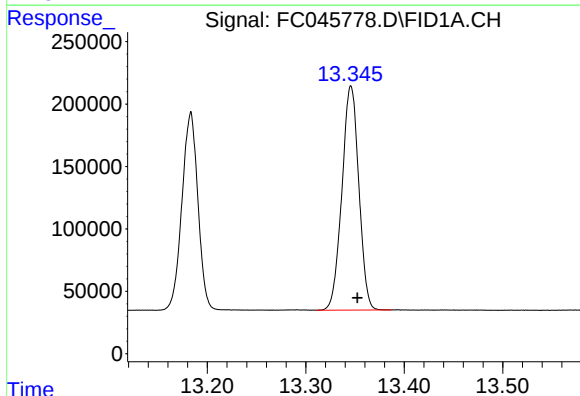
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: -0.007 min
Response: 2305616
Conc: 20.97 ug/ml



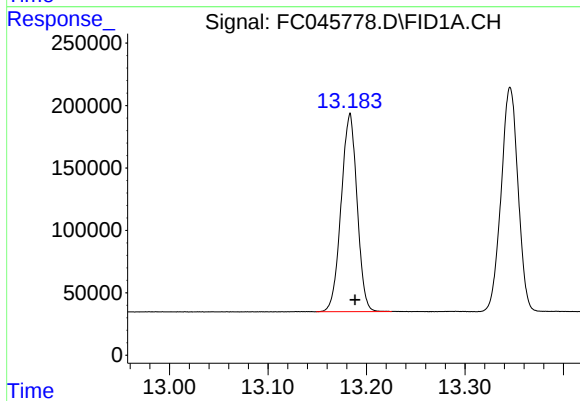
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.005 min
Response: 2163642
Conc: 21.10 ug/ml



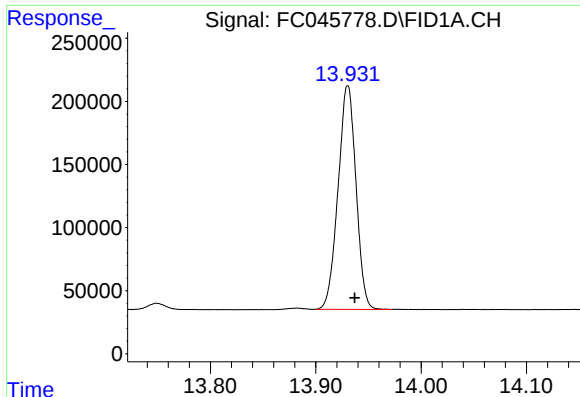
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.006 min
Response: 2139131
Conc: 20.67 ug/ml



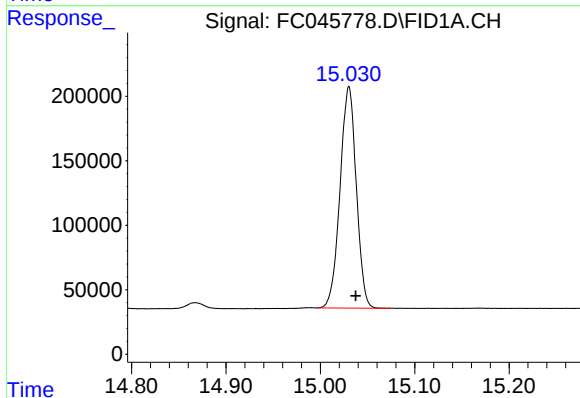
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: -0.005 min
Response: 1785401
Conc: 20.53 ug/ml



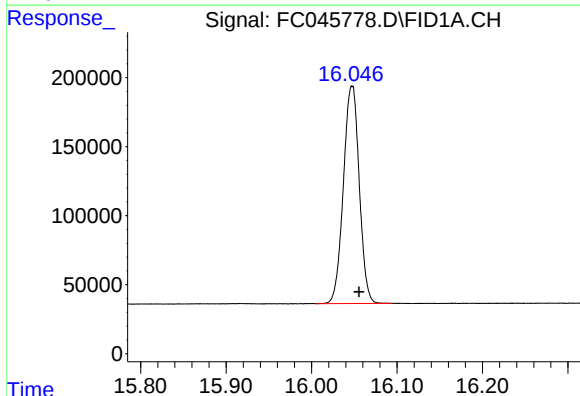
#13 n-Docosane (C22)

R.T.: 13.930 min
Delta R.T.: -0.007 min
Response: 2098091
Conc: 20.33 ug/ml



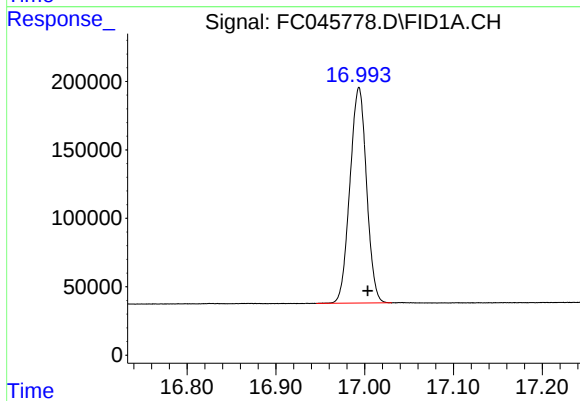
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: -0.007 min
Response: 2057029
Conc: 19.80 ug/ml



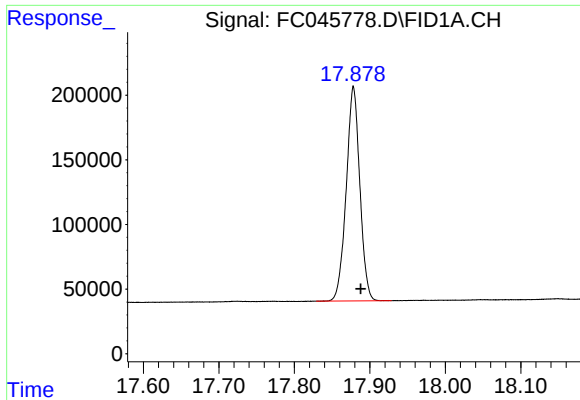
#15 n-Hexacosane (C26)

R.T.: 16.047 min
Delta R.T.: -0.008 min
Response: 2031704
Conc: 19.67 ug/ml



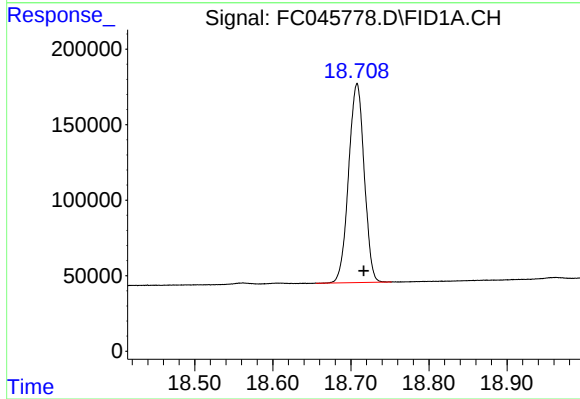
#16 n-Octacosane (C28)

R.T.: 16.994 min
Delta R.T.: -0.010 min
Response: 2046985
Conc: 20.03 ug/ml



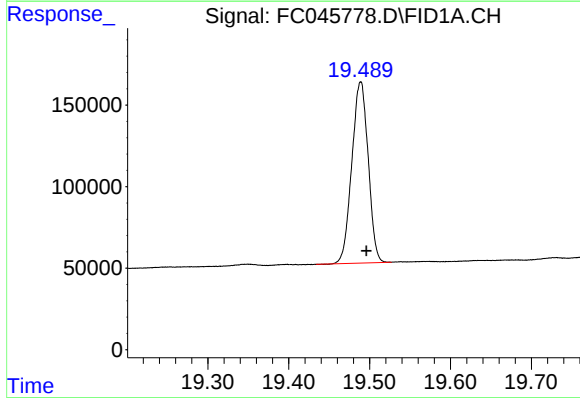
#17 n-Tricontane (C30)

R.T.: 17.878 min
Delta R.T.: -0.010 min
Response: 2075018
Conc: 21.14 ug/ml



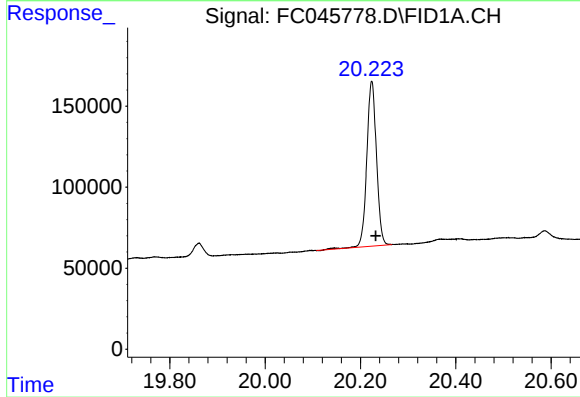
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: -0.009 min
Response: 1826407
Conc: 21.95 ug/ml



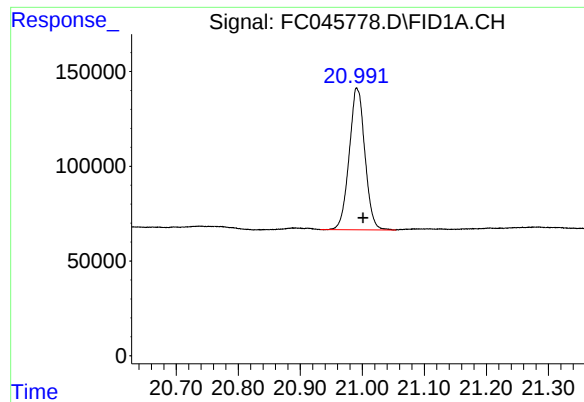
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.007 min
Response: 1560634
Conc: 22.05 ug/ml



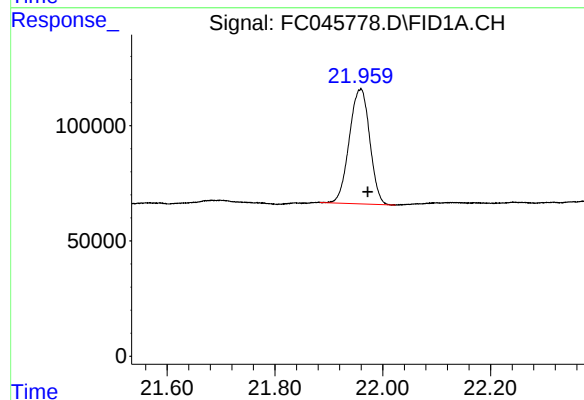
#20 n-Hexatriacontane (C36)

R.T.: 20.224 min
Delta R.T.: -0.008 min
Response: 1433802
Conc: 22.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: -0.010 min
Response: 1311807
Conc: 22.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.013 min
Response: 1307539
Conc: 22.16 ug/ml