

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021320AL\
 Data File : FC045820.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2020 5:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 05:40:10 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)	11.761	2314238	21.052 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	13.181	1794171	20.636 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.523	2227418	23.029 ug/ml
2) T n-Decane (C10)	4.596	2298789	23.735 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2482789	23.246 ug/ml
4) T n-Dodecane (C12)	6.610	2318668	23.718 ug/ml
5) T A~2-methylnaphthalene...	7.251	2490090	23.230 ug/ml
6) T n-Tetradecane (C14)	8.398	2304173	23.382 ug/ml
7) T n-Hexadecane (C16)	9.993	2276244	22.736 ug/ml
8) T n-Octadecane (C18)	11.429	2238475	21.977 ug/ml
10) T n-Eicosane (C20)	12.734	2178805	21.245 ug/ml
11) T n-Heneicosane (C21)	13.344	2154552	20.815 ug/ml
13) T n-Docosane (C22)	13.929	2115211	20.500 ug/ml
14) T n-Tetracosane (C24)	15.028	2065796	19.880 ug/ml
15) T n-Hexacosane (C26)	16.045	2036514	19.712 ug/ml
16) T n-Octacosane (C28)	16.994	2058261	20.137 ug/ml
17) T n-Tricontane (C30)	17.877	2095064	21.341 ug/ml
18) T n-Dotriacontane (C32)	18.707	1852900	22.268 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1584016	22.383 ug/ml
20) T n-Hexatriacontane (C36)	20.223	1438290	22.431 ug/mlm
21) T n-Octatriacontane (C38)	20.992	1282246	21.923 ug/ml
22) T n-Tetracontane (C40)	21.960	1323656	22.438 ug/ml

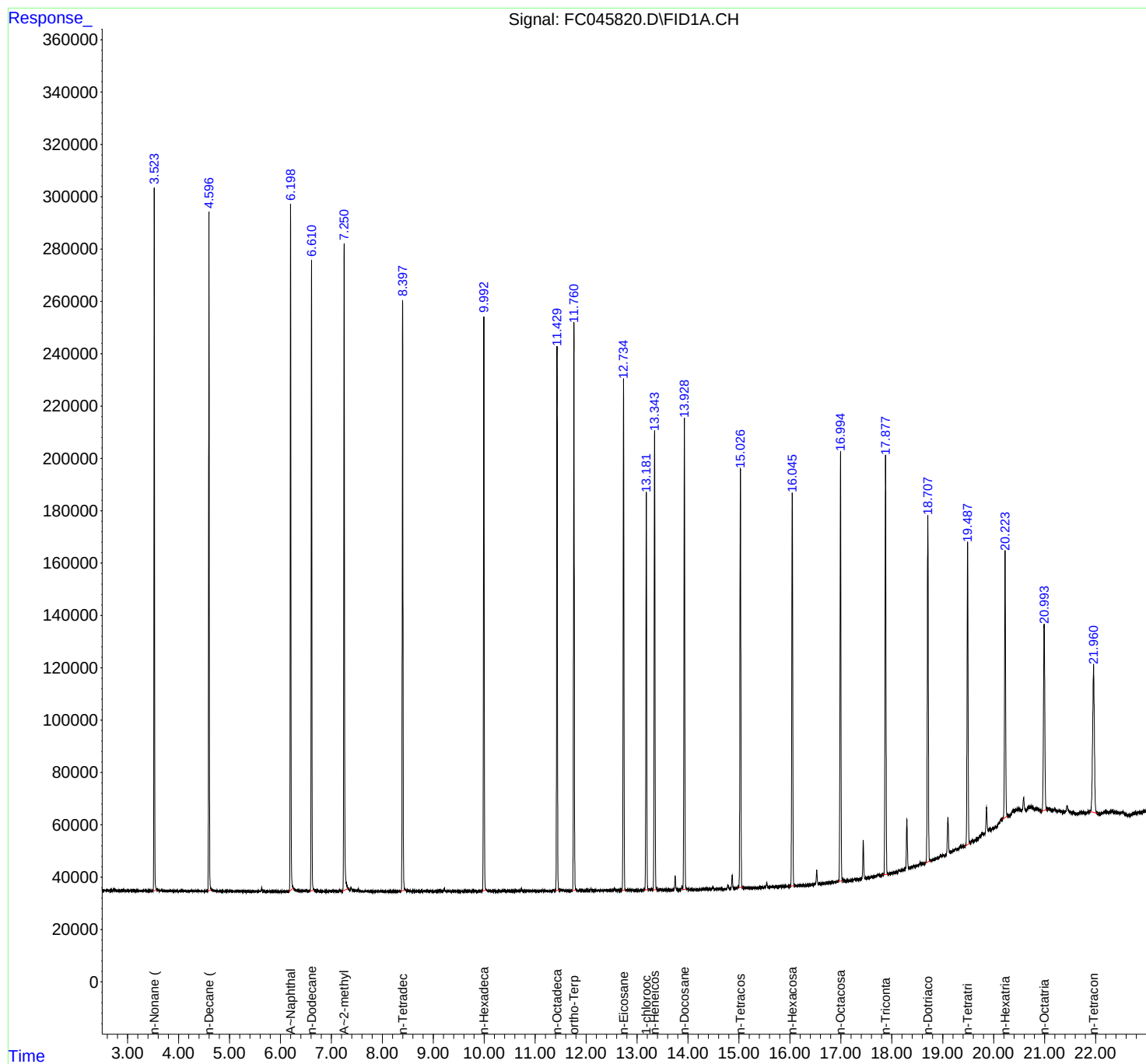
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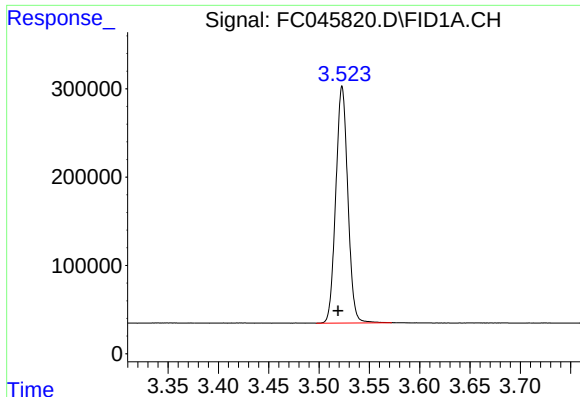
(m)=manual int.

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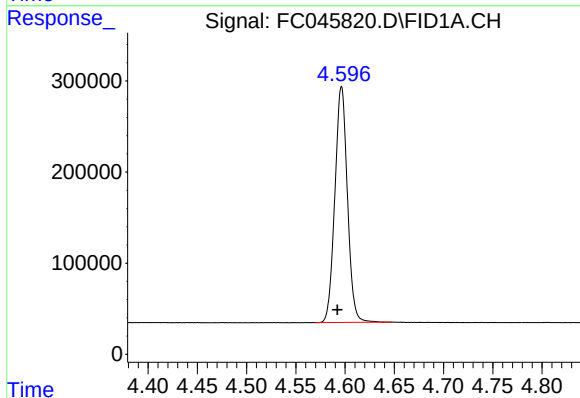
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





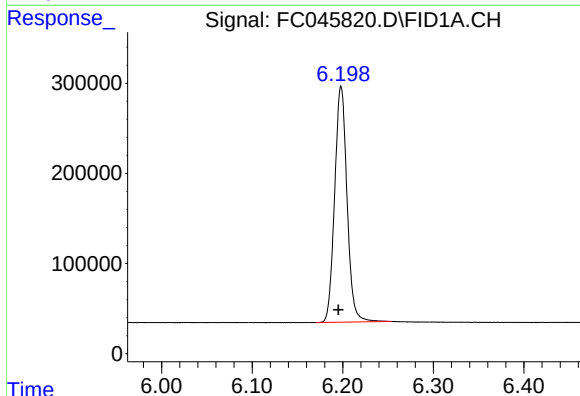
#1 n-Nonane (C9)

R.T.: 3.523 min
Delta R.T.: 0.004 min
Response: 2227418
Conc: 23.03 ug/ml



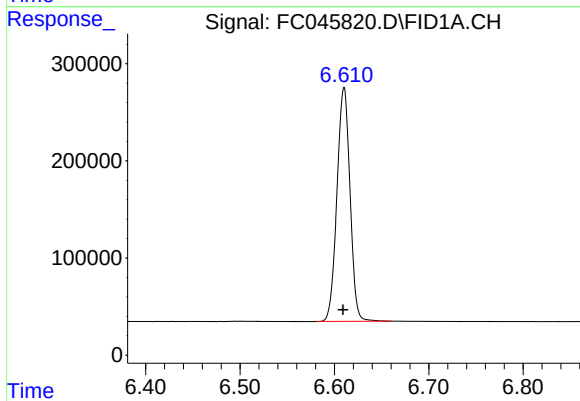
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.004 min
Response: 2298789
Conc: 23.74 ug/ml



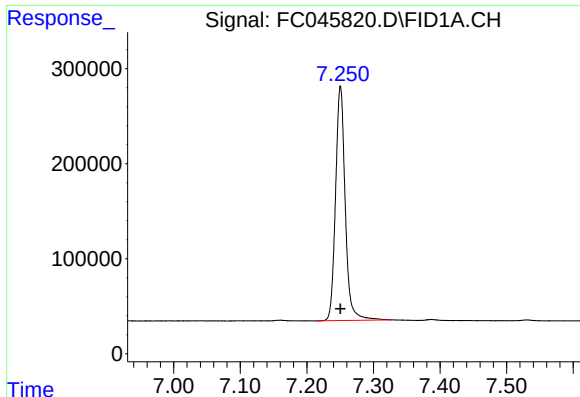
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 2482789
Conc: 23.25 ug/ml



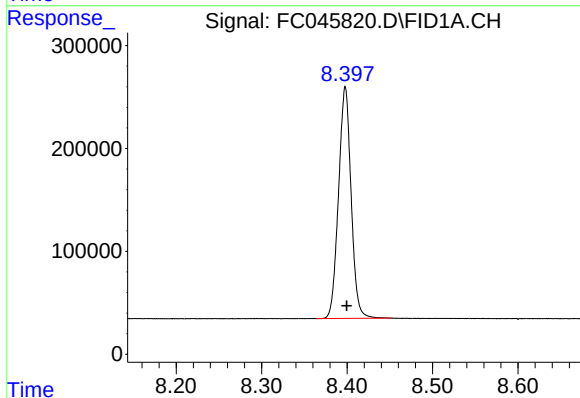
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2318668
Conc: 23.72 ug/ml



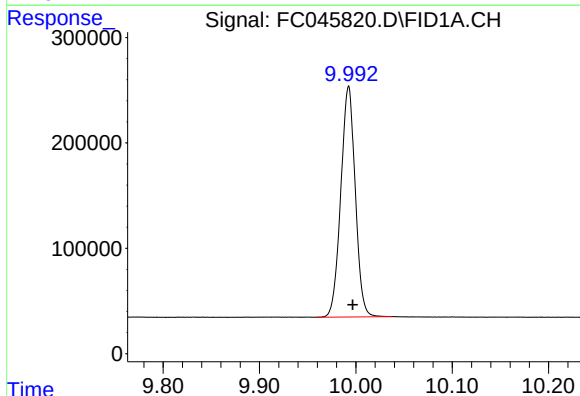
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2490090
Conc: 23.23 ug/ml



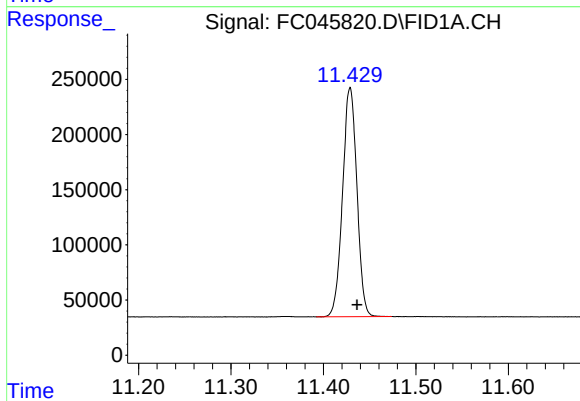
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.001 min
Response: 2304173
Conc: 23.38 ug/ml



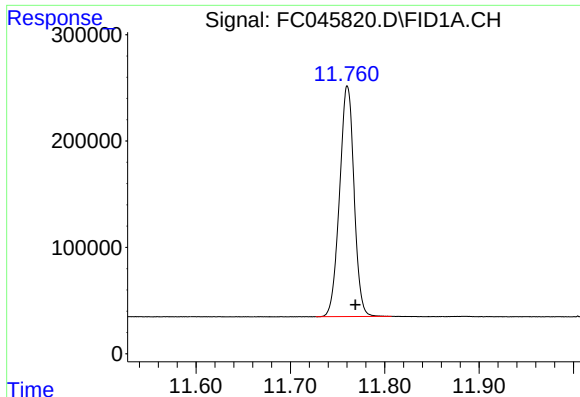
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.004 min
Response: 2276244
Conc: 22.74 ug/ml



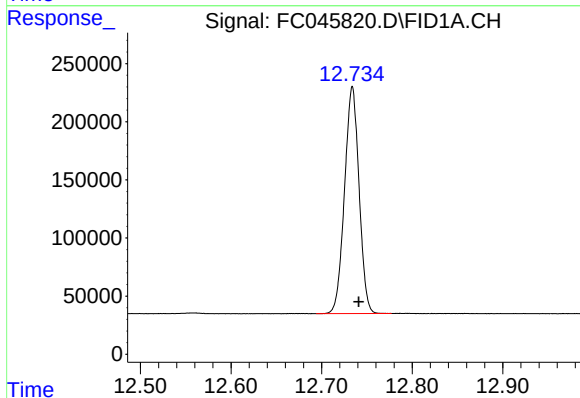
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.007 min
Response: 2238475
Conc: 21.98 ug/ml



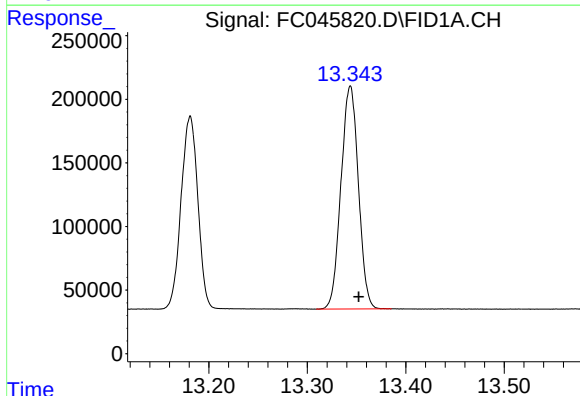
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: -0.008 min
Response: 2314238
Conc: 21.05 ug/ml



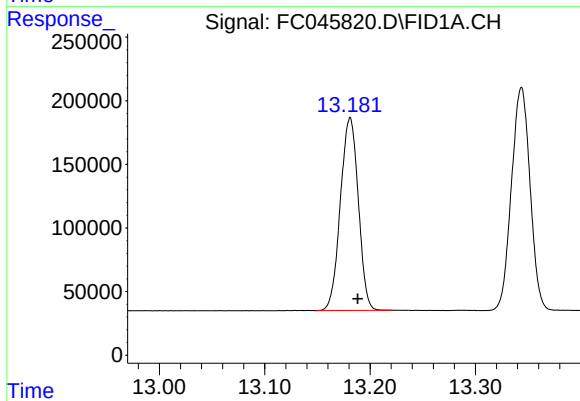
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.007 min
Response: 2178805
Conc: 21.25 ug/ml



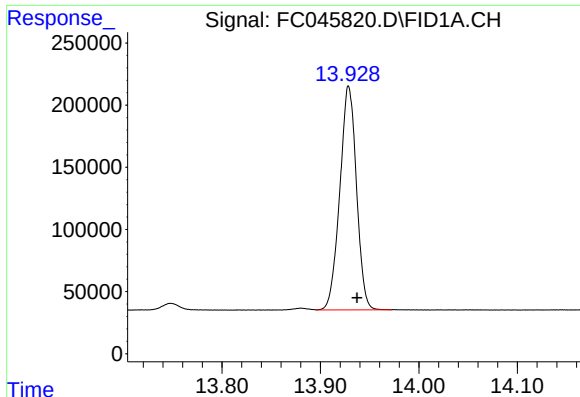
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.009 min
Response: 2154552
Conc: 20.82 ug/ml



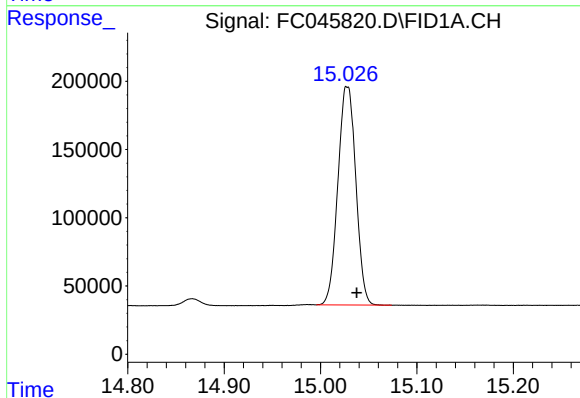
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: -0.007 min
Response: 1794171
Conc: 20.64 ug/ml



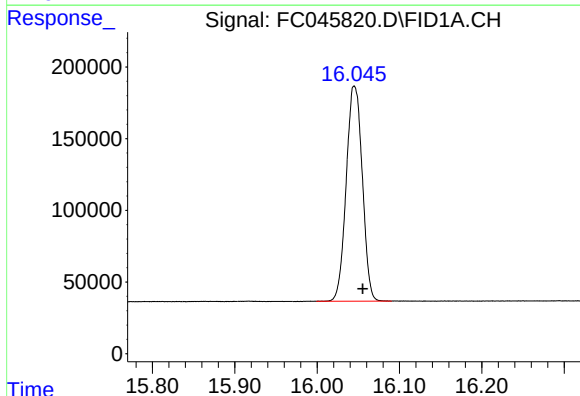
#13 n-Docosane (C22)

R.T.: 13.929 min
Delta R.T.: -0.008 min
Response: 2115211
Conc: 20.50 ug/ml



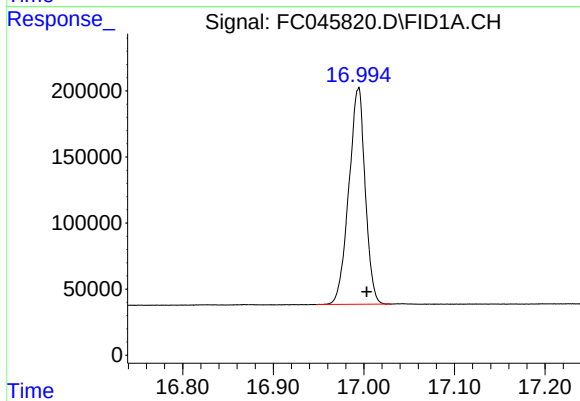
#14 n-Tetracosane (C24)

R.T.: 15.028 min
Delta R.T.: -0.010 min
Response: 2065796
Conc: 19.88 ug/ml



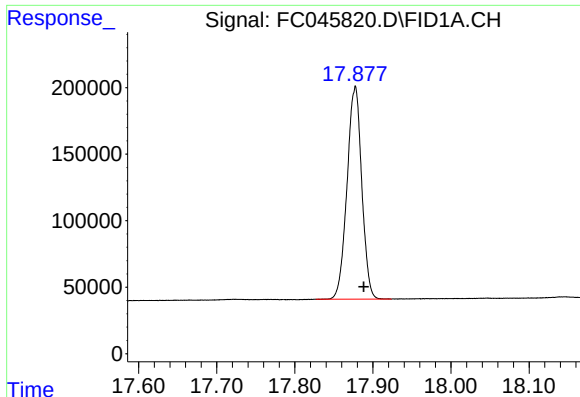
#15 n-Hexacosane (C26)

R.T.: 16.045 min
Delta R.T.: -0.010 min
Response: 2036514
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.994 min
Delta R.T.: -0.009 min
Response: 2058261
Conc: 20.14 ug/ml



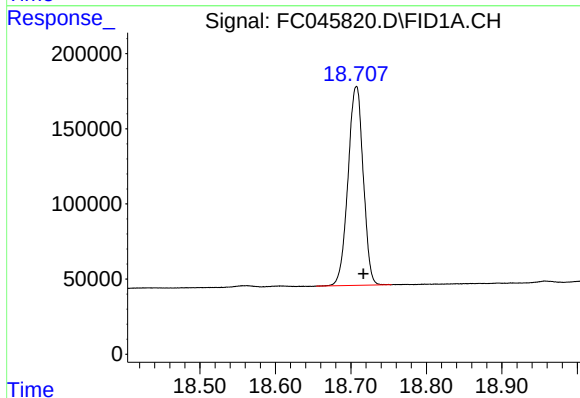
#17 n-Tricontane (C30)

R.T.: 17.877 min

Delta R.T.: -0.011 min

Response: 2095064

Conc: 21.34 ug/ml



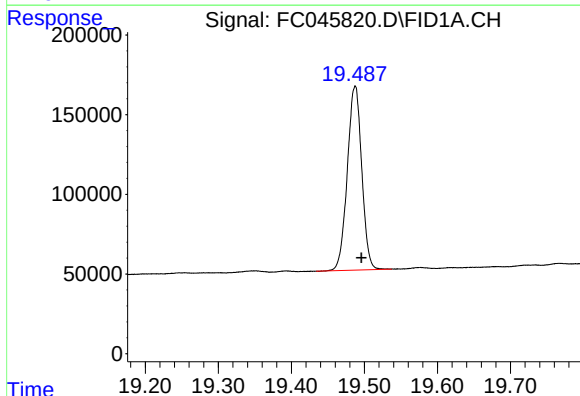
#18 n-Dotriacontane (C32)

R.T.: 18.707 min

Delta R.T.: -0.009 min

Response: 1852900

Conc: 22.27 ug/ml



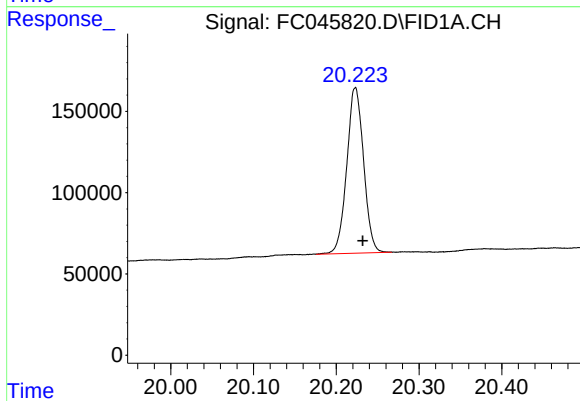
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min

Delta R.T.: -0.009 min

Response: 1584016

Conc: 22.38 ug/ml



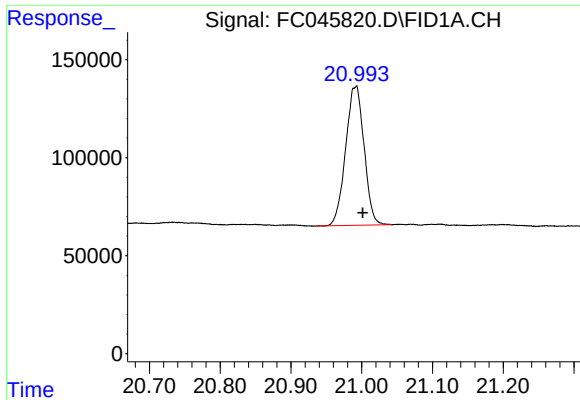
#20 n-Hexatriacontane (C36)

R.T.: 20.223 min

Delta R.T.: -0.009 min

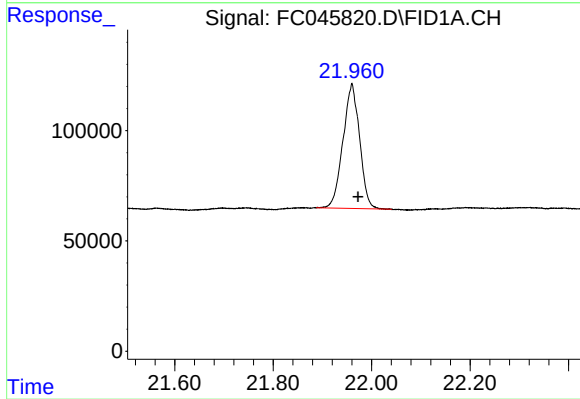
Response: 1438290

Conc: 22.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: -0.010 min
Response: 1282246
Conc: 21.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.012 min
Response: 1323656
Conc: 22.44 ug/ml