

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021120AL\
 Data File : FC045775.D
 Signal(s) : FID1A.CH
 Acq On : 12 Feb 2020 2:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 02:59:13 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)	11.764	2220103	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	13.184	1717900	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T n-Nonane (C9)	3.524	2138847	22.113 ug/ml
2) T n-Decane (C10)	4.598	2194633	22.660 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2369519	22.185 ug/ml
4) T n-Dodecane (C12)	6.614	2213918	22.646 ug/ml
5) T A~2-methylnaphthalene...	7.254	2370290	22.112 ug/ml
6) T n-Tetradecane (C14)	8.401	2193990	22.264 ug/ml
7) T n-Hexadecane (C16)	9.996	2170263	21.678 ug/ml
8) T n-Octadecane (C18)	11.433	2137564	20.987 ug/ml
10) T n-Eicosane (C20)	12.737	2084751	20.328 ug/ml
11) T n-Heneicosane (C21)	13.348	2061671	19.918 ug/ml
13) T n-Docosane (C22)	13.932	2023819	19.615 ug/ml
14) T n-Tetracosane (C24)	15.031	1982754	19.081 ug/ml
15) T n-Hexacosane (C26)	16.050	1953768	18.911 ug/ml
16) T n-Octacosane (C28)	16.996	1967629	19.251 ug/ml
17) T n-Tricontane (C30)	17.880	1986448	20.235 ug/ml
18) T n-Dotriacontane (C32)	18.709	1766336	21.227 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1500972	21.210 ug/ml
20) T n-Hexatriacontane (C36)	20.226	1366144	21.306 ug/mlm
21) T n-Octatriacontane (C38)	20.994	1251920	21.404 ug/ml
22) T n-Tetracontane (C40)	21.964	1293683	21.930 ug/ml

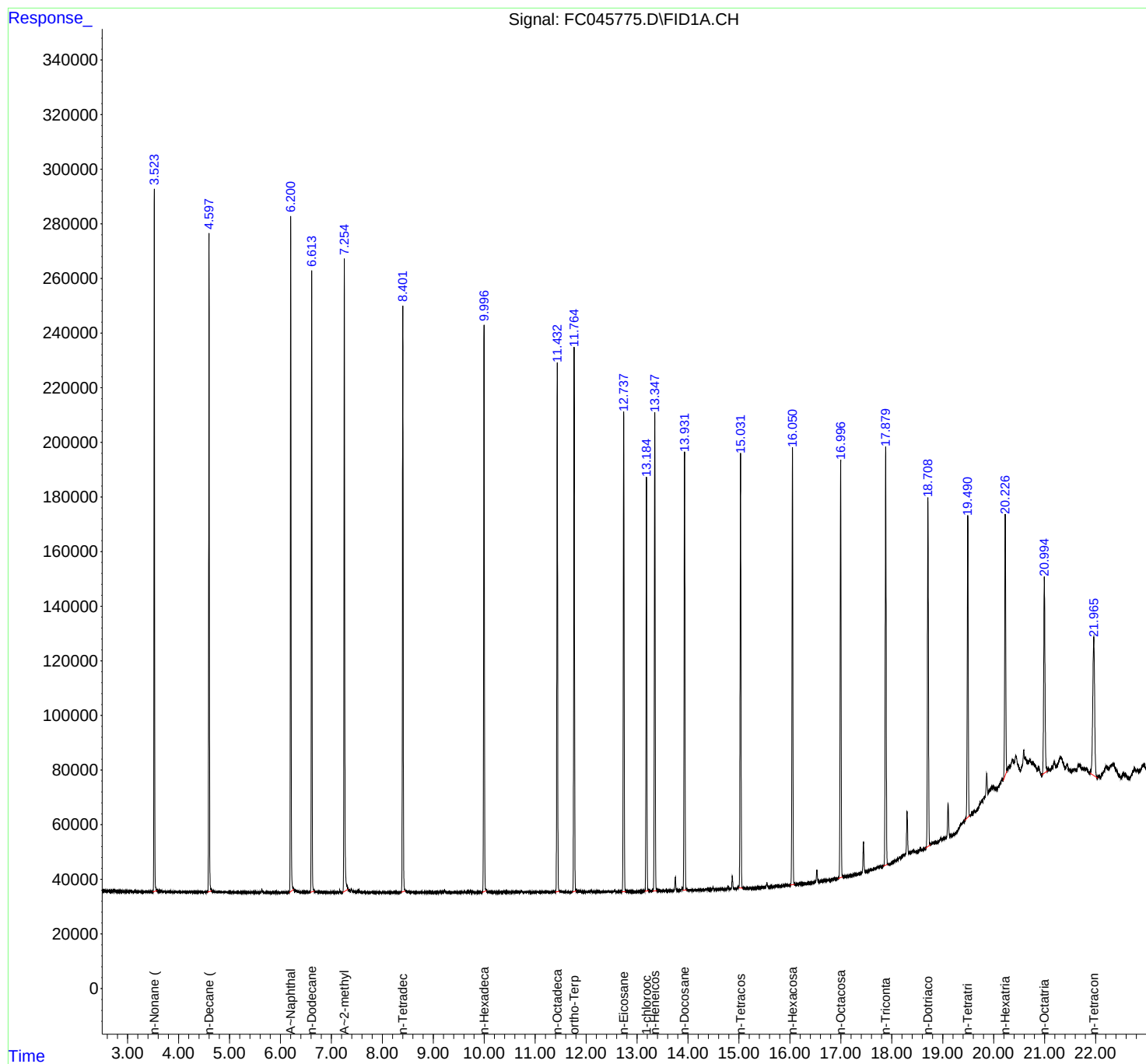
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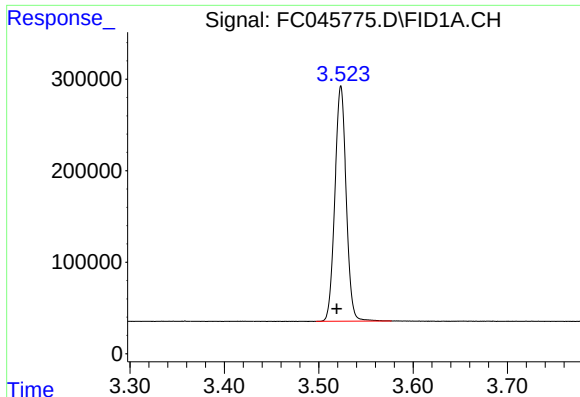
(m)=manual int.

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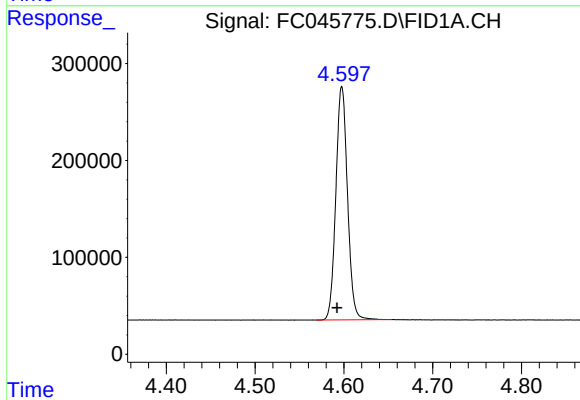
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Signal Info : 20M x 0.18mm x 0.18um





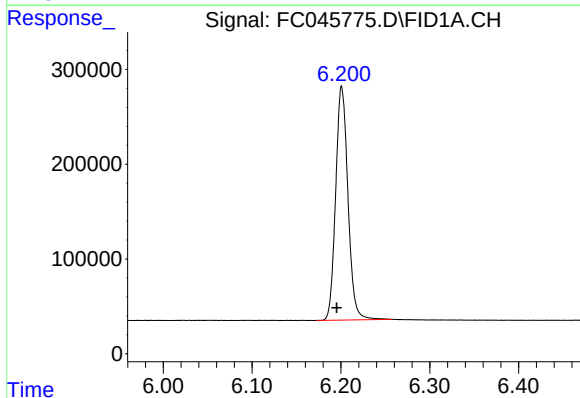
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 2138847
Conc: 22.11 ug/ml



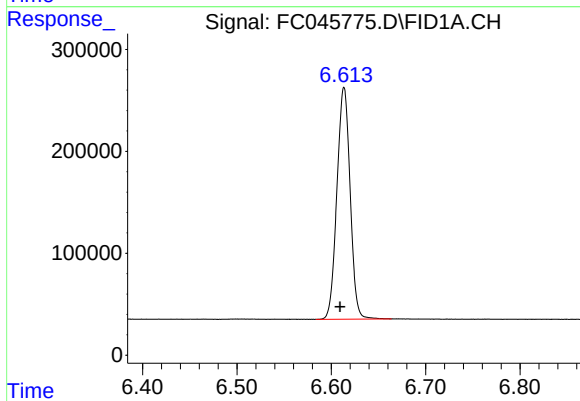
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.005 min
Response: 2194633
Conc: 22.66 ug/ml



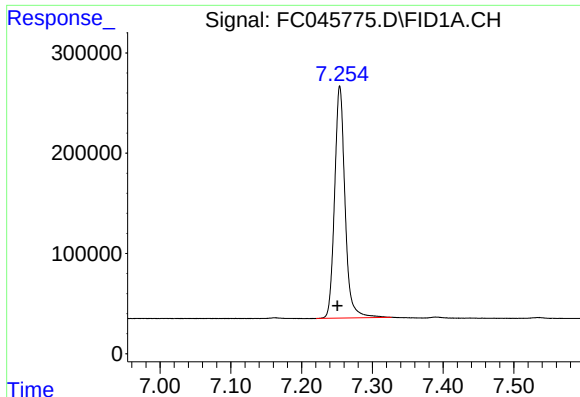
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.006 min
Response: 2369519
Conc: 22.19 ug/ml



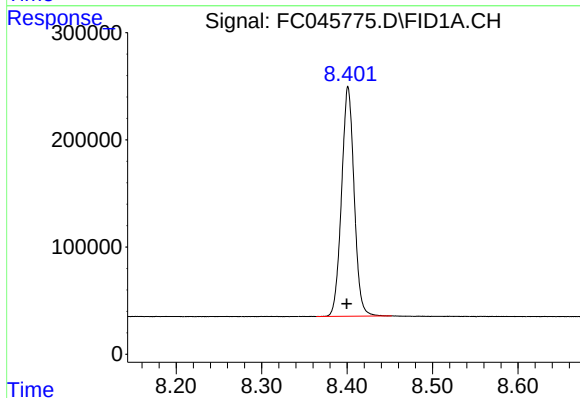
#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 2213918
Conc: 22.65 ug/ml



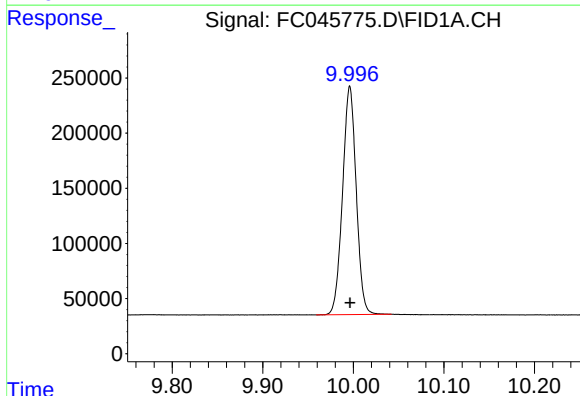
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: 0.004 min
Response: 2370290
Conc: 22.11 ug/ml



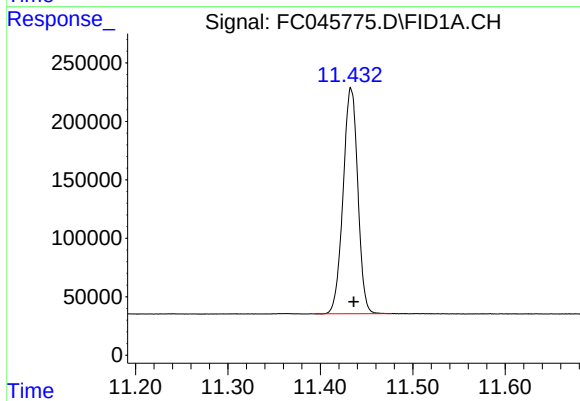
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 2193990
Conc: 22.26 ug/ml



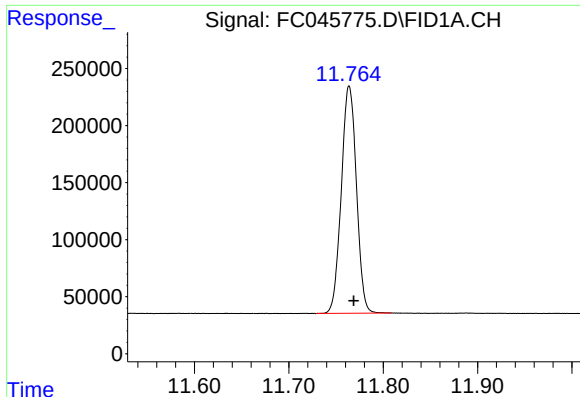
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 2170263
Conc: 21.68 ug/ml



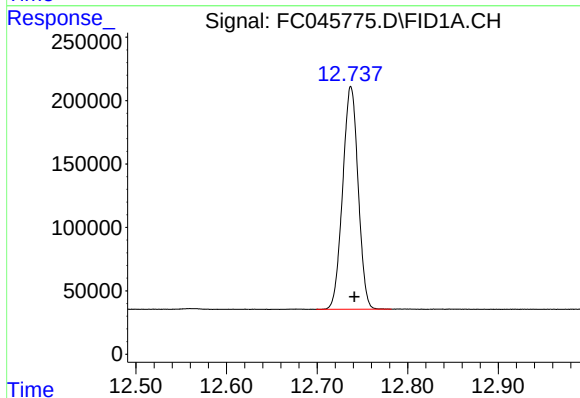
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 2137564
Conc: 20.99 ug/ml



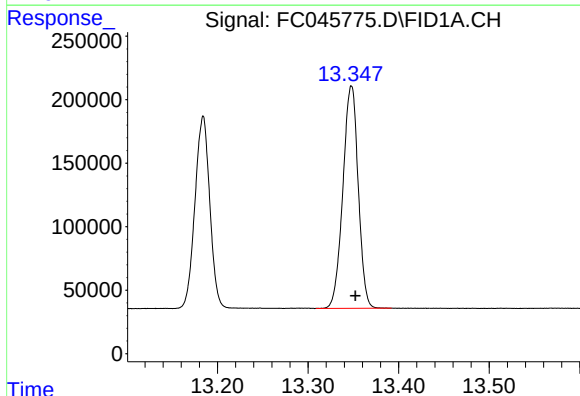
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2220103
Conc: 20.20 ug/ml



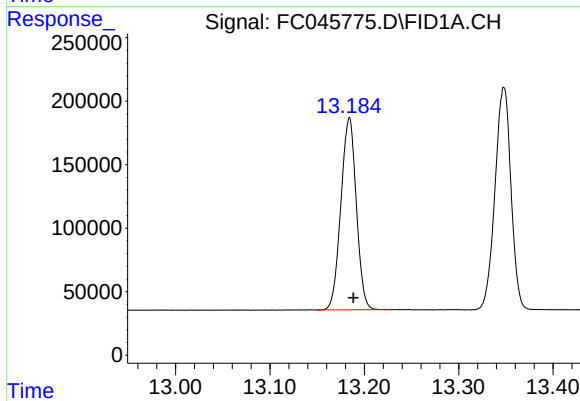
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.004 min
Response: 2084751
Conc: 20.33 ug/ml



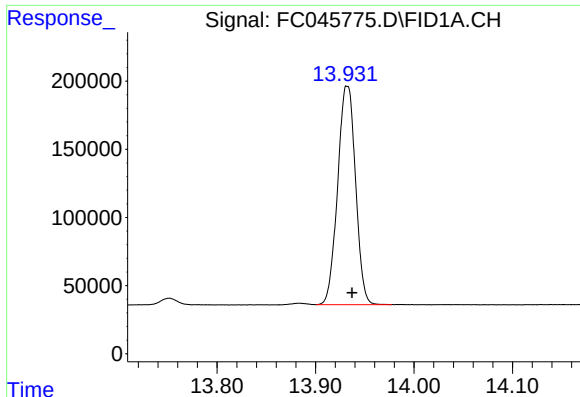
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.004 min
Response: 2061671
Conc: 19.92 ug/ml



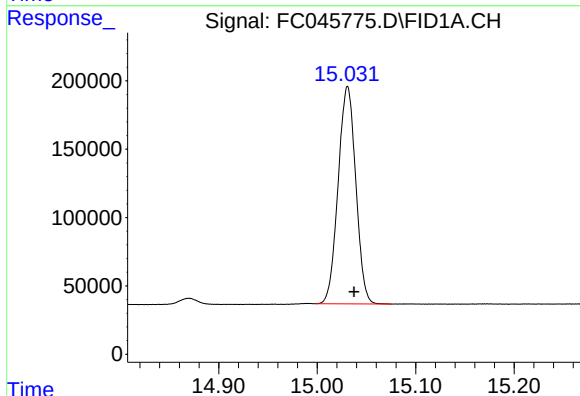
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.004 min
Response: 1717900
Conc: 19.76 ug/ml



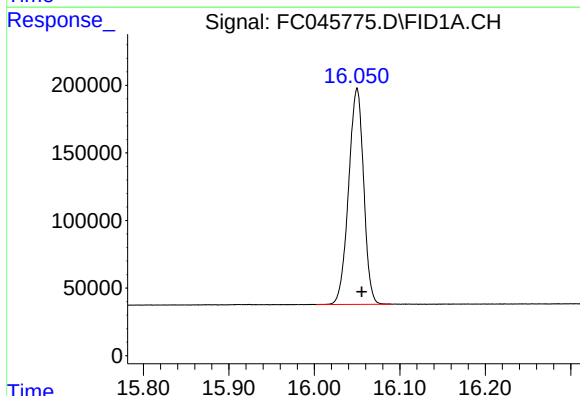
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 2023819
Conc: 19.61 ug/ml



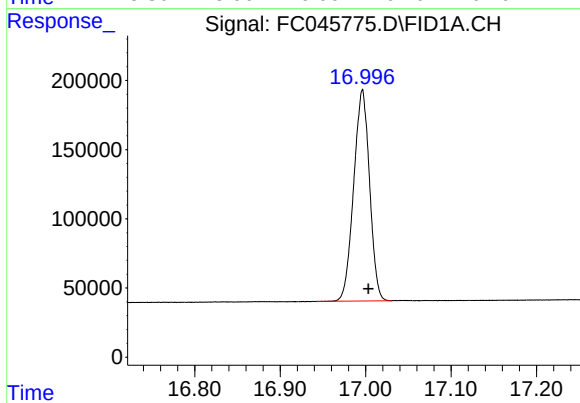
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.007 min
Response: 1982754
Conc: 19.08 ug/ml



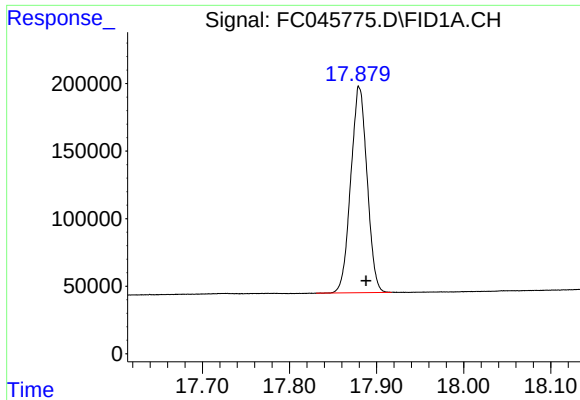
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.006 min
Response: 1953768
Conc: 18.91 ug/ml



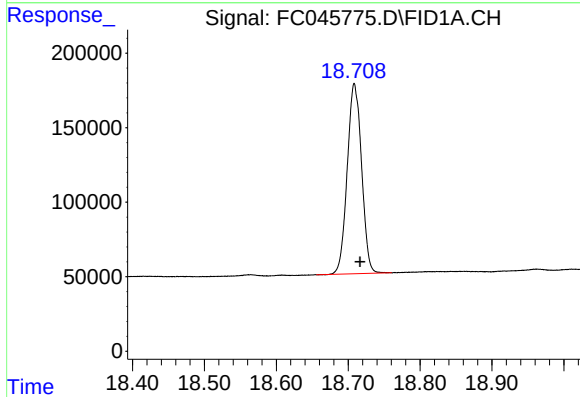
#16 n-Octacosane (C28)

R.T.: 16.996 min
Delta R.T.: -0.007 min
Response: 1967629
Conc: 19.25 ug/ml



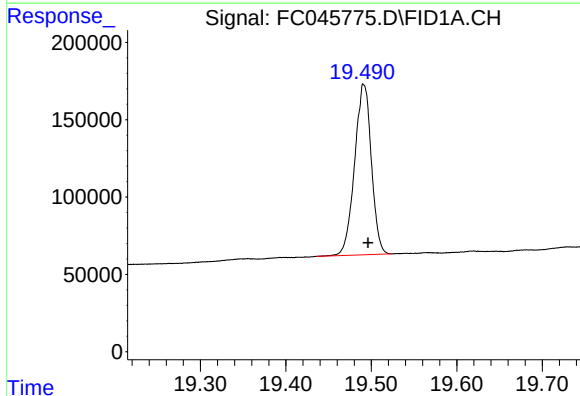
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: -0.008 min
Response: 1986448
Conc: 20.23 ug/ml



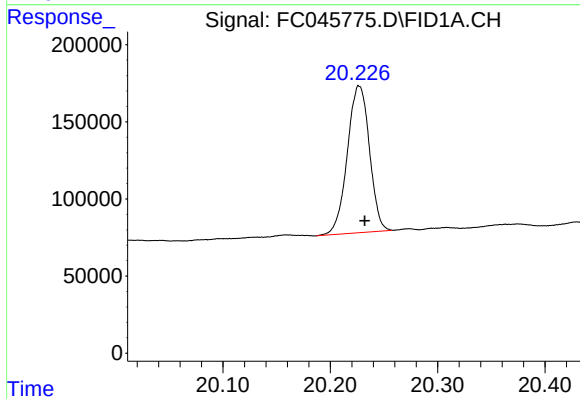
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: -0.008 min
Response: 1766336
Conc: 21.23 ug/ml



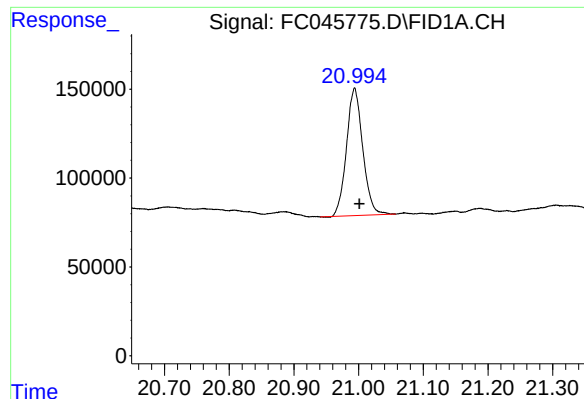
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: -0.005 min
Response: 1500972
Conc: 21.21 ug/ml



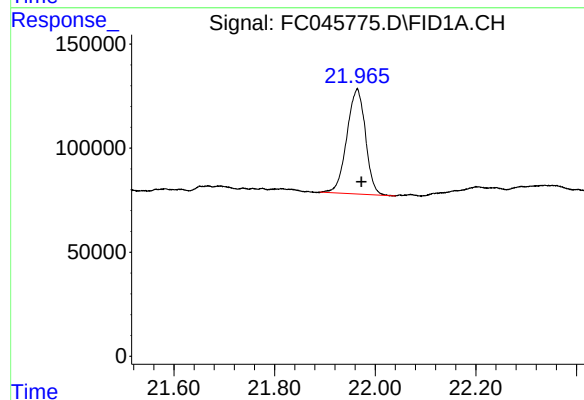
#20 n-Hexatriacontane (C36)

R.T.: 20.226 min
Delta R.T.: -0.006 min
Response: 1366144
Conc: 21.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: -0.008 min
Response: 1251920
Conc: 21.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.008 min
Response: 1293683
Conc: 21.93 ug/ml