

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021120AL\
 Data File : FC045755.D
 Signal(s) : FID1A.CH
 Acq On : 11 Feb 2020 9:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 02:54:08 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	2041882	18.574 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
12) S 1-chlorooctadecane (S...	13.184	1579370	18.165 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.522	1974520	20.414 ug/ml
2) T n-Decane (C10)	4.597	2016179	20.817 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2161269	20.236 ug/ml
4) T n-Dodecane (C12)	6.612	2024925	20.713 ug/ml
5) T A~2-methylnaphthalene...	7.253	2160732	20.157 ug/ml
6) T n-Tetradecane (C14)	8.400	2003670	20.333 ug/ml
7) T n-Hexadecane (C16)	9.995	1981705	19.794 ug/ml
8) T n-Octadecane (C18)	11.432	1956347	19.207 ug/ml
10) T n-Eicosane (C20)	12.737	1913765	18.661 ug/ml
11) T n-Heneicosane (C21)	13.347	1894898	18.307 ug/ml
13) T n-Docosane (C22)	13.932	1861782	18.044 ug/ml
14) T n-Tetracosane (C24)	15.030	1828398	17.595 ug/ml
15) T n-Hexacosane (C26)	16.049	1807768	17.498 ug/ml
16) T n-Octacosane (C28)	16.996	1822177	17.828 ug/ml
17) T n-Tricontane (C30)	17.881	1846416	18.809 ug/ml
18) T n-Dotriacontane (C32)	18.710	1628612	19.572 ug/ml
19) T n-Tetratriacontane (C34)	19.489	1389669	19.637 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1257495	19.612 ug/ml
21) T n-Octatriacontane (C38)	20.995	1160094	19.834 ug/ml
22) T n-Tetracontane (C40)	21.963	1169710	19.828 ug/ml

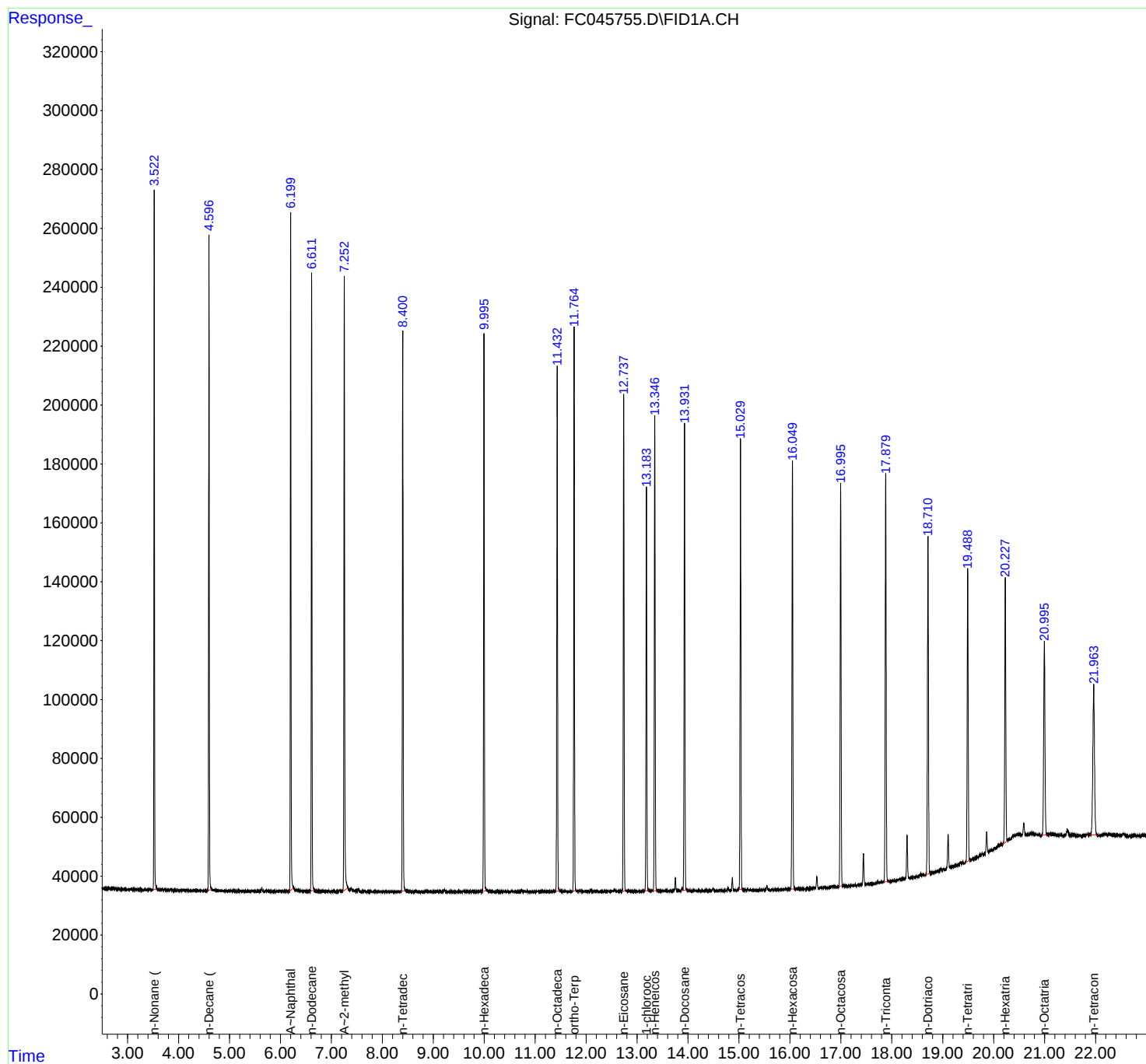
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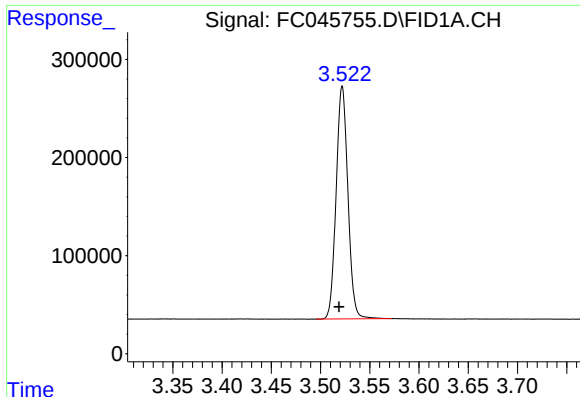
(m)=manual int.

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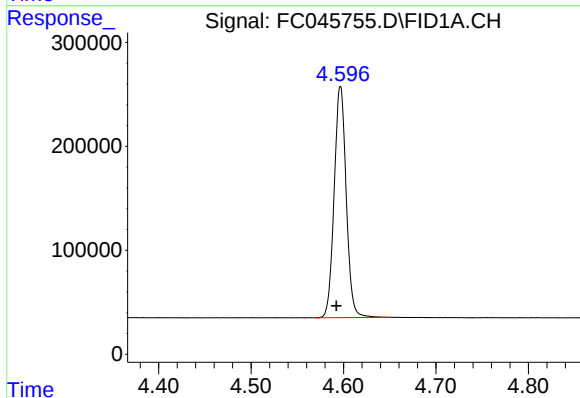
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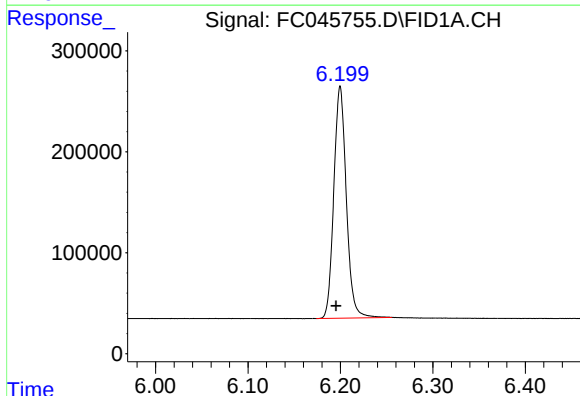
#1 n-Nonane (C9)

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 1974520
Conc: 20.41 ug/ml



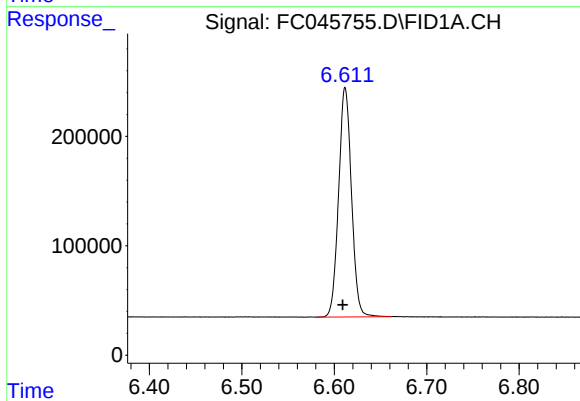
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.004 min
Response: 2016179
Conc: 20.82 ug/ml



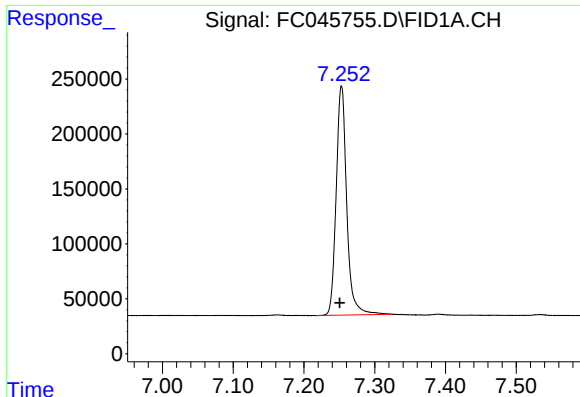
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 2161269
Conc: 20.24 ug/ml



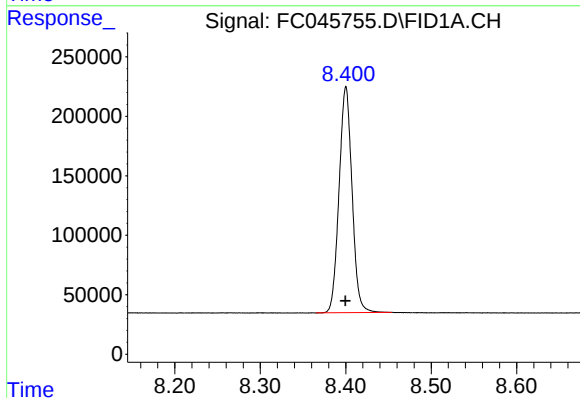
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2024925
Conc: 20.71 ug/ml



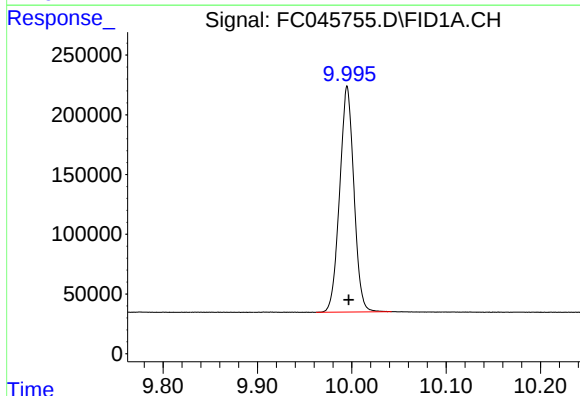
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2160732
Conc: 20.16 ug/ml



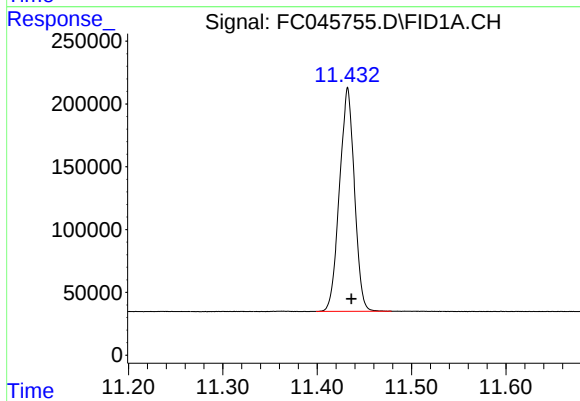
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2003670
Conc: 20.33 ug/ml



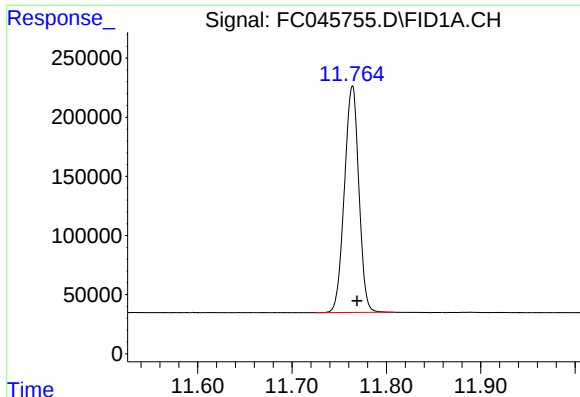
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 1981705
Conc: 19.79 ug/ml



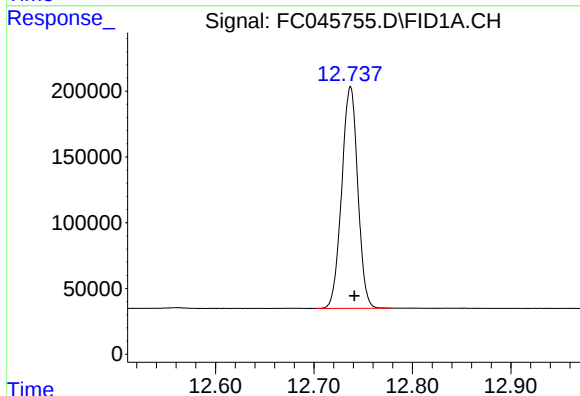
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 1956347
Conc: 19.21 ug/ml



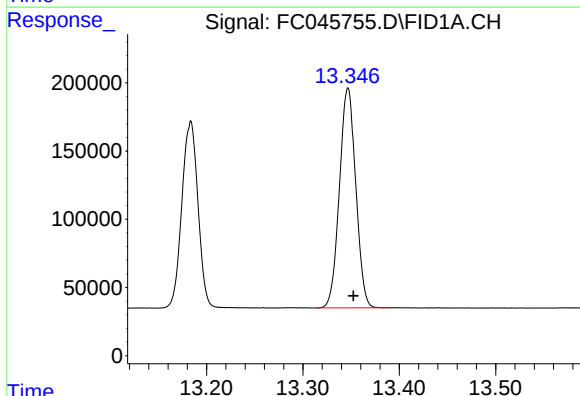
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2041882
Conc: 18.57 ug/ml



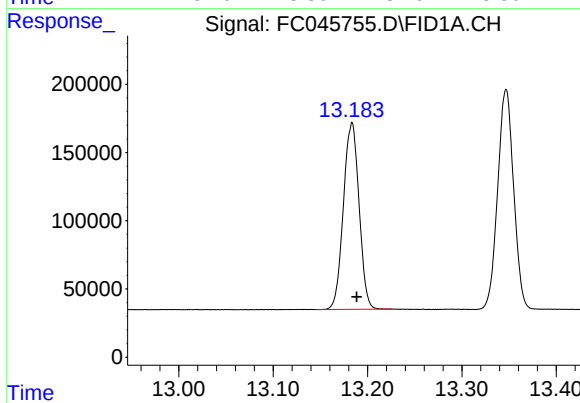
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.004 min
Response: 1913765
Conc: 18.66 ug/ml



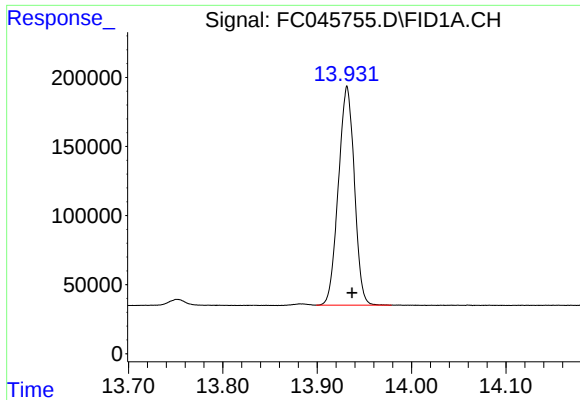
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.005 min
Response: 1894898
Conc: 18.31 ug/ml



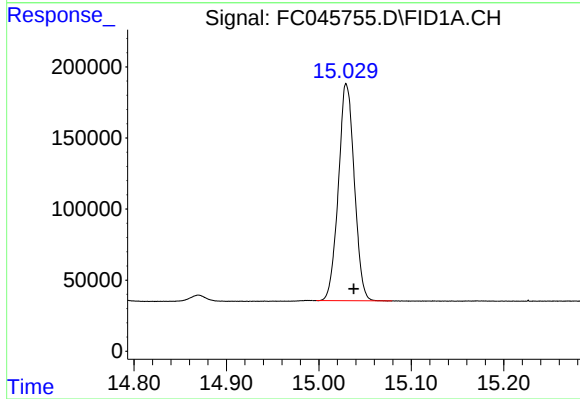
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.005 min
Response: 1579370
Conc: 18.17 ug/ml



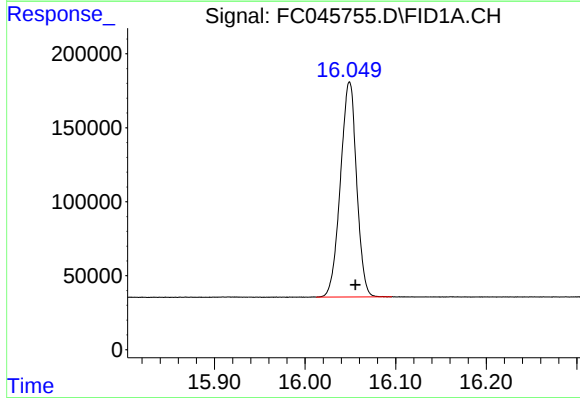
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 1861782
Conc: 18.04 ug/ml



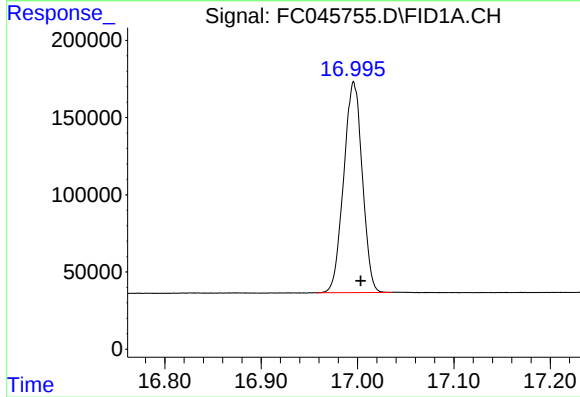
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: -0.008 min
Response: 1828398
Conc: 17.60 ug/ml



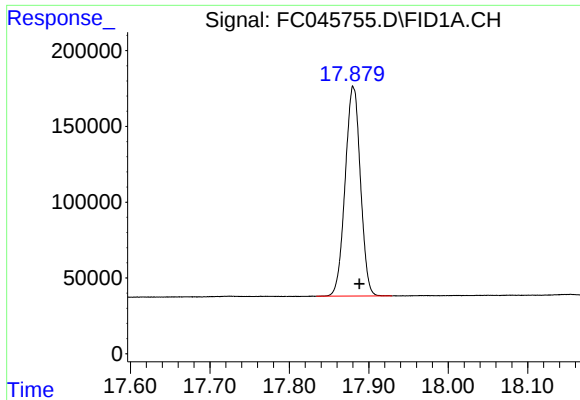
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.006 min
Response: 1807768
Conc: 17.50 ug/ml



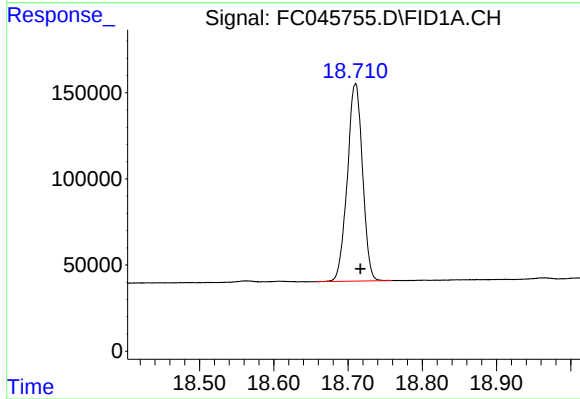
#16 n-Octacosane (C28)

R.T.: 16.996 min
Delta R.T.: -0.007 min
Response: 1822177
Conc: 17.83 ug/ml



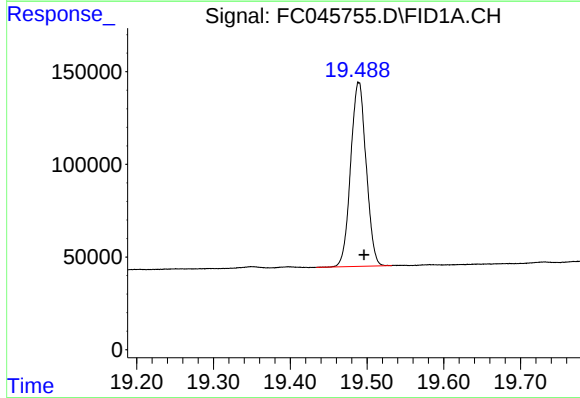
#17 n-Tricontane (C30)

R.T.: 17.881 min
Delta R.T.: -0.007 min
Response: 1846416
Conc: 18.81 ug/ml



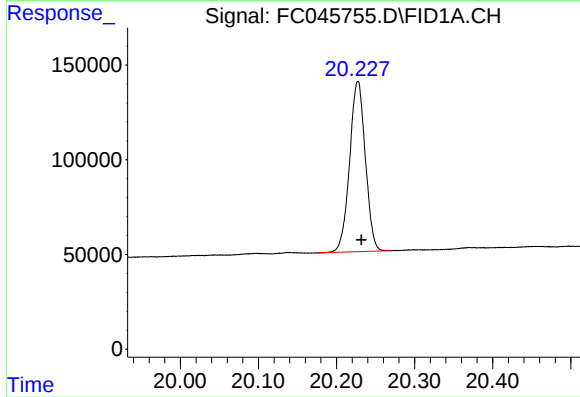
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: -0.007 min
Response: 1628612
Conc: 19.57 ug/ml



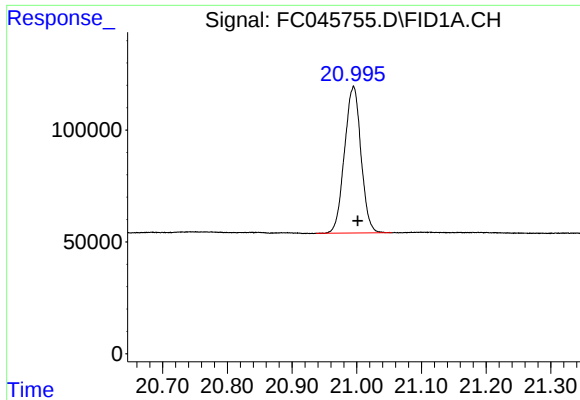
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.007 min
Response: 1389669
Conc: 19.64 ug/ml



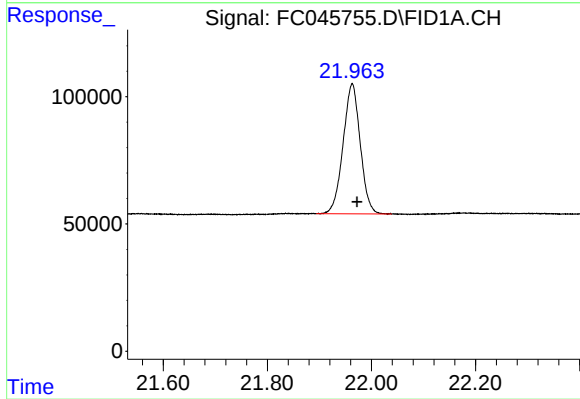
#20 n-Hexatriacontane (C36)

R.T.: 20.227 min
Delta R.T.: -0.005 min
Response: 1257495
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.006 min
Response: 1160094
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.009 min
Response: 1169710
Conc: 19.83 ug/ml