

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010220AL\
 Data File : FC045153.D
 Signal(s) : FID1A.CH
 Acq On : 02 Jan 2020 10:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 03 00:08:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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	2417064	21.311 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
12) S 1-chlorooctadecane (S...	13.185	1894563	21.248 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	3.513	2086256	20.719 ug/ml
2) T n-Decane (C10)	4.587	2163221	21.443 ug/ml
3) T A~Naphthalene (C11.7)	6.188	2407831	21.487 ug/ml
4) T n-Dodecane (C12)	6.605	2209468	21.707 ug/ml
5) T A~2-methylnaphthalene...	7.243	2444112	21.684 ug/ml
6) T n-Tetradecane (C14)	8.396	2229095	21.870 ug/ml
7) T n-Hexadecane (C16)	9.993	2250364	21.858 ug/ml
8) T n-Octadecane (C18)	11.432	2263815	21.768 ug/ml
10) T n-Eicosane (C20)	12.737	2254026	21.544 ug/ml
11) T n-Heneicosane (C21)	13.348	2254647	21.318 ug/ml
13) T n-Docosane (C22)	13.933	2234953	21.138 ug/ml
14) T n-Tetracosane (C24)	15.034	2207882	20.665 ug/ml
15) T n-Hexacosane (C26)	16.052	2150106	20.160 ug/ml
16) T n-Octacosane (C28)	17.001	2092701	19.815 ug/ml
17) T n-Tricontane (C30)	17.886	2013276	19.750 ug/ml
18) T n-Dotriacontane (C32)	18.715	1698646	19.635 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1406543	19.200 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1249179	19.008 ug/ml
21) T n-Octatriacontane (C38)	21.003	1157214	19.594 ug/ml
22) T n-Tetracontane (C40)	21.974	1149416	19.435 ug/ml

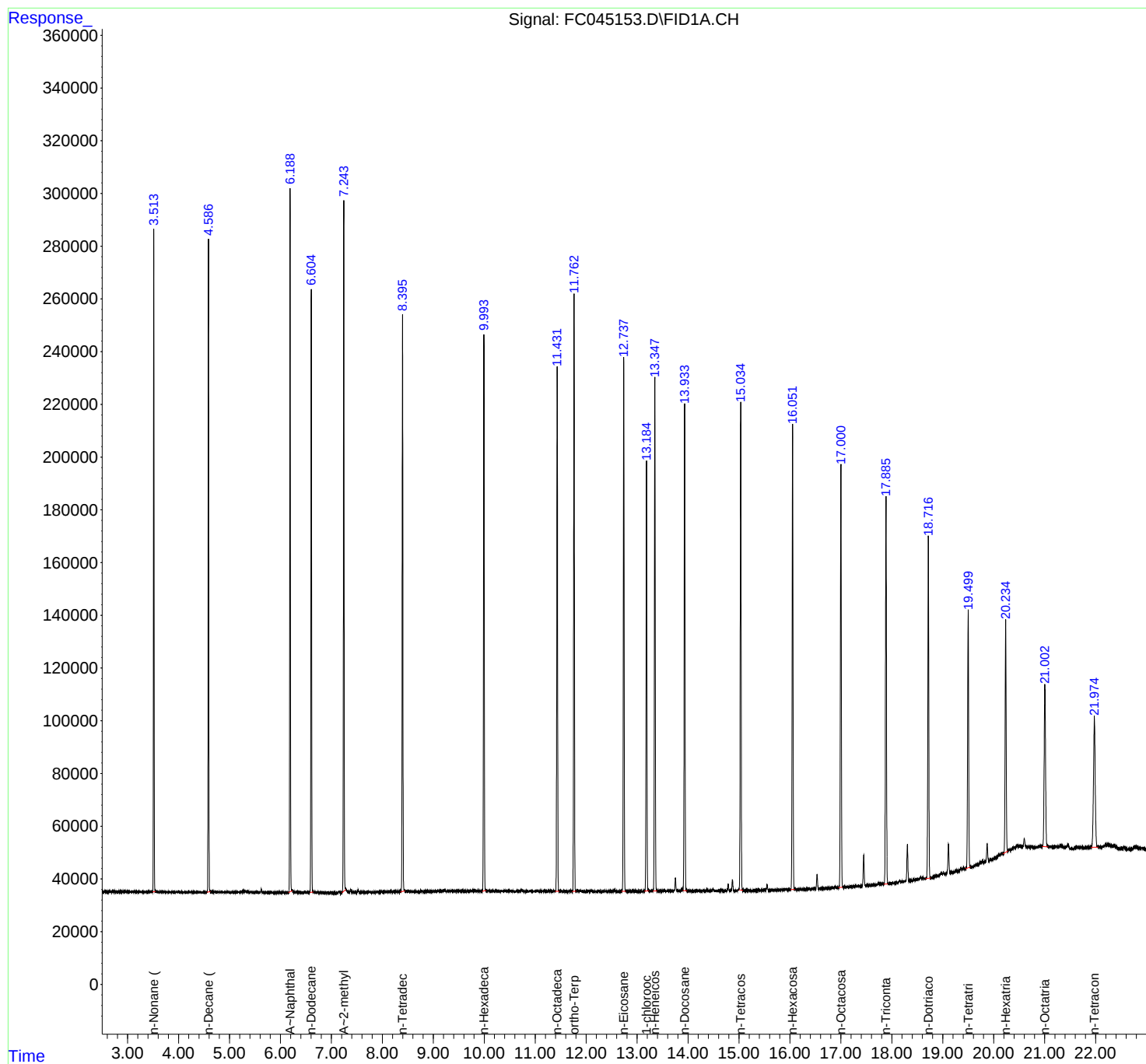
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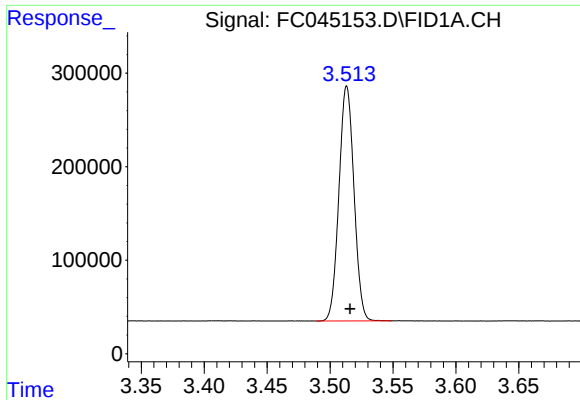
(m)=manual int.

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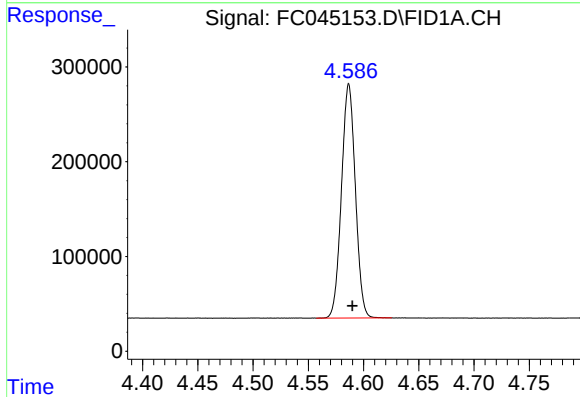
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





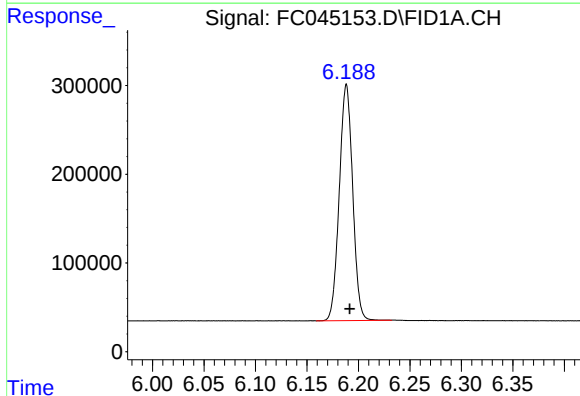
#1 n-Nonane (C9)

R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2086256
Conc: 20.72 ug/ml



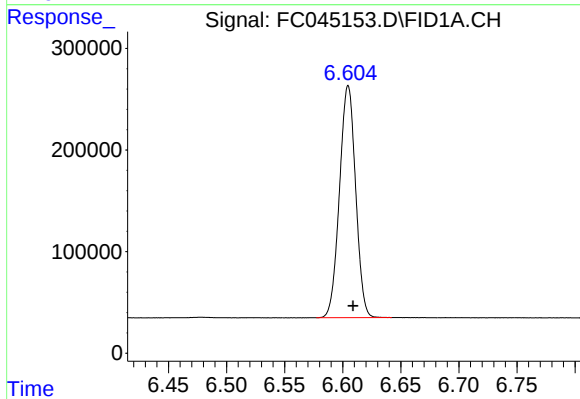
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 2163221
Conc: 21.44 ug/ml



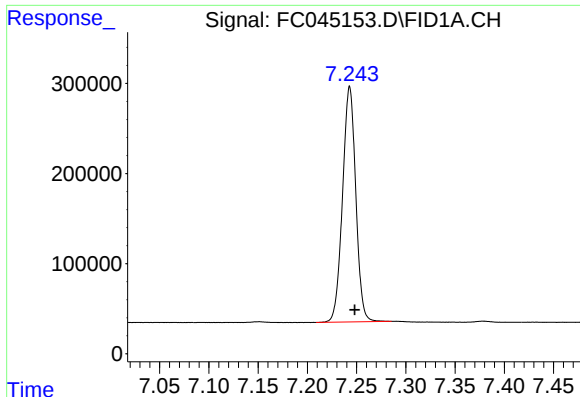
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 2407831
Conc: 21.49 ug/ml



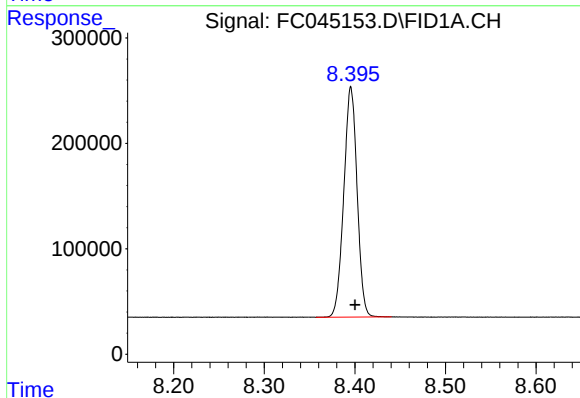
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 2209468
Conc: 21.71 ug/ml



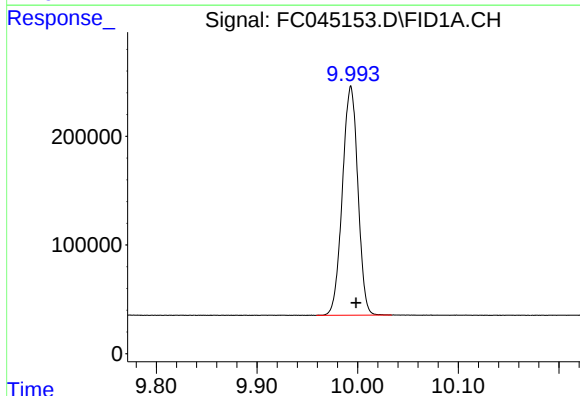
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.005 min
Response: 2444112
Conc: 21.68 ug/ml



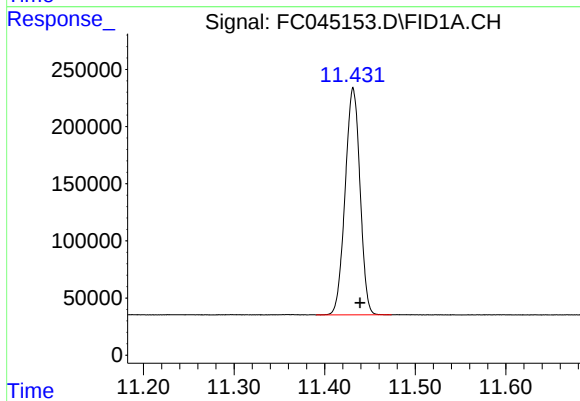
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 2229095
Conc: 21.87 ug/ml



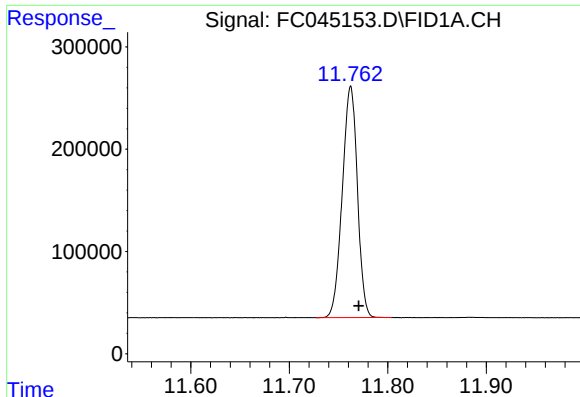
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2250364
Conc: 21.86 ug/ml



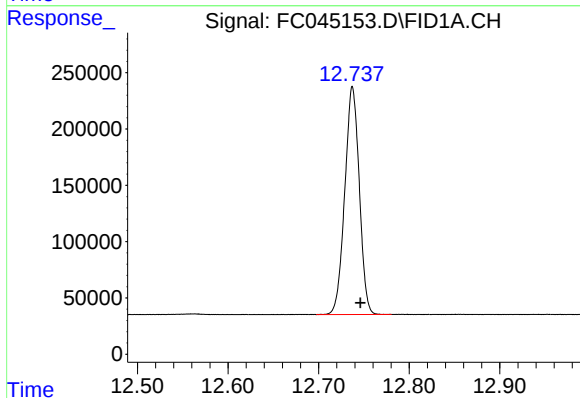
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.008 min
Response: 2263815
Conc: 21.77 ug/ml



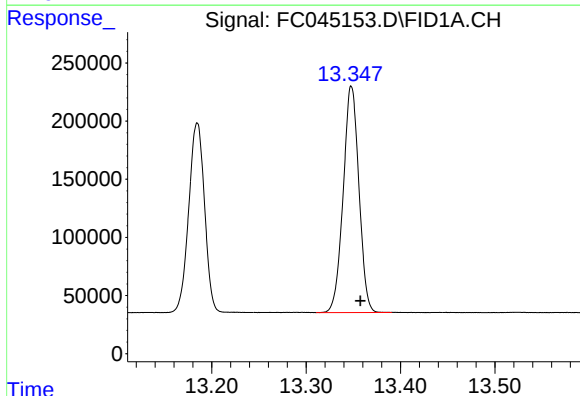
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: -0.008 min
Response: 2417064
Conc: 21.31 ug/ml



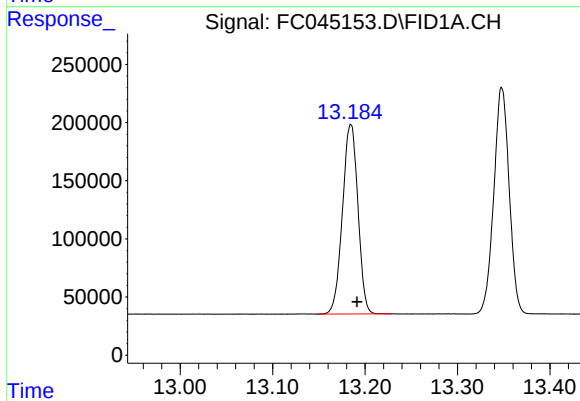
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.009 min
Response: 2254026
Conc: 21.54 ug/ml



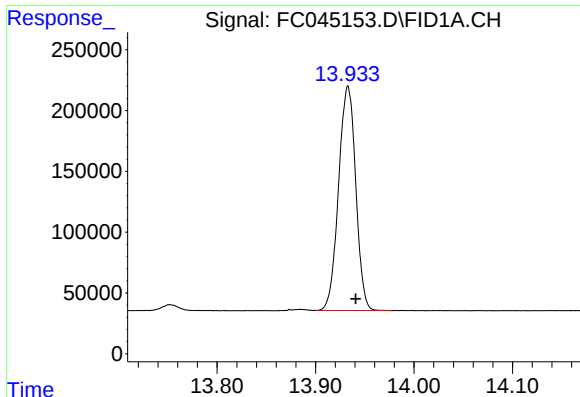
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.009 min
Response: 2254647
Conc: 21.32 ug/ml



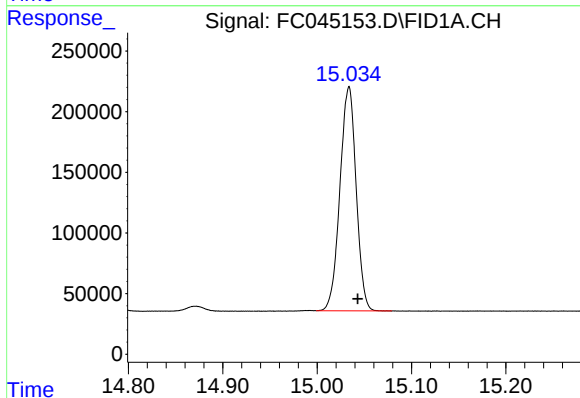
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: -0.007 min
Response: 1894563
Conc: 21.25 ug/ml



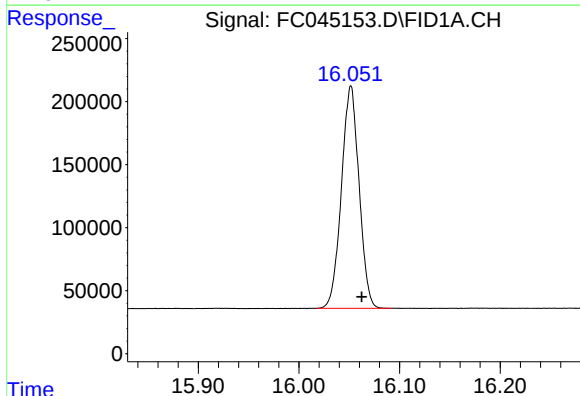
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.008 min
Response: 2234953
Conc: 21.14 ug/ml



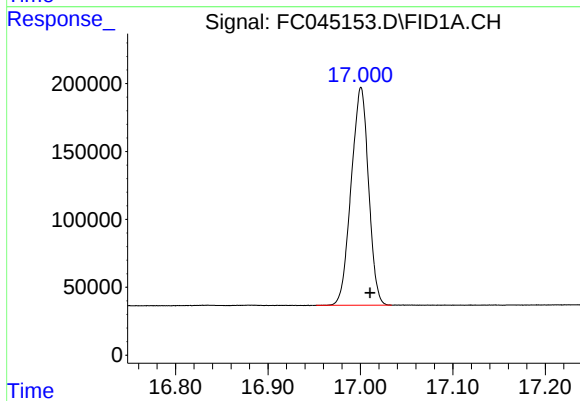
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: -0.009 min
Response: 2207882
Conc: 20.66 ug/ml



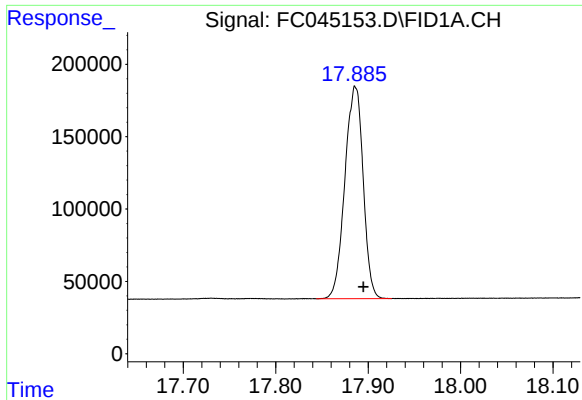
#15 n-Hexacosane (C26)

R.T.: 16.052 min
Delta R.T.: -0.011 min
Response: 2150106
Conc: 20.16 ug/ml



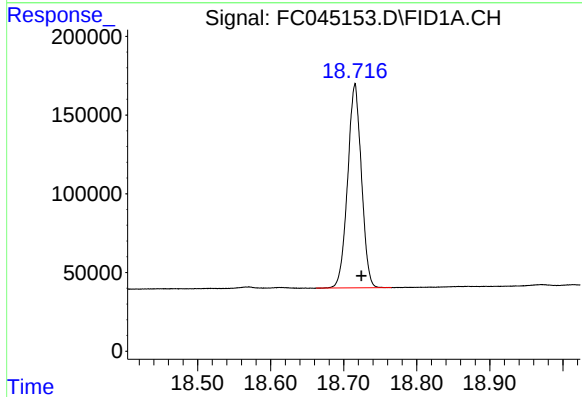
#16 n-Octacosane (C28)

R.T.: 17.001 min
Delta R.T.: -0.010 min
Response: 2092701
Conc: 19.82 ug/ml



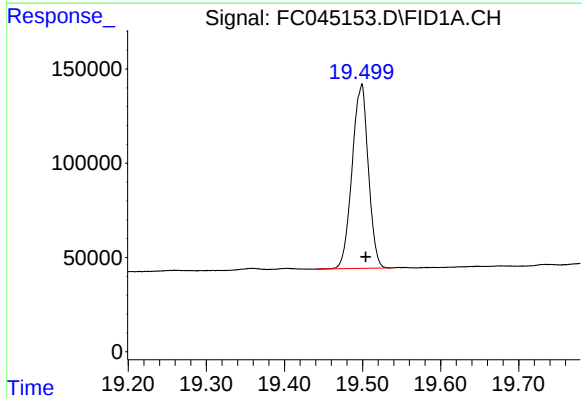
#17 n-Tricontane (C30)

R.T.: 17.886 min
Delta R.T.: -0.009 min
Response: 2013276
Conc: 19.75 ug/ml



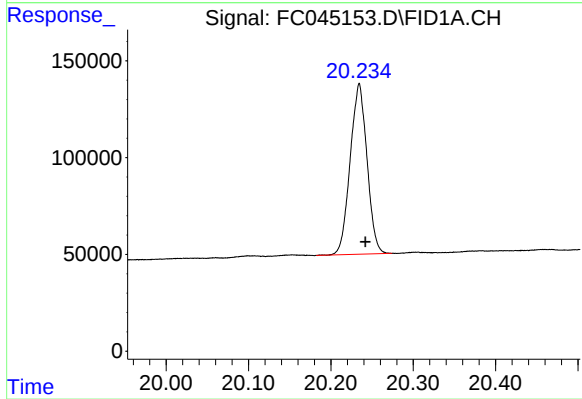
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: -0.009 min
Response: 1698646
Conc: 19.64 ug/ml



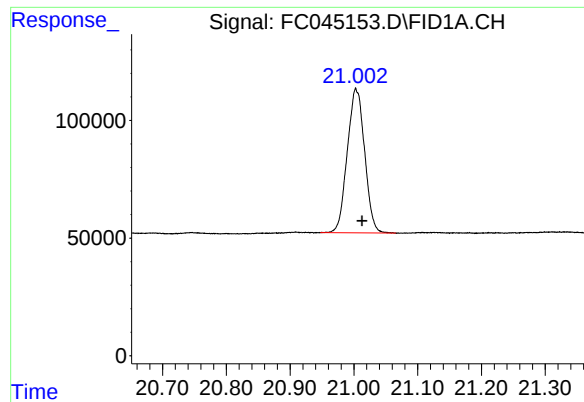
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min
Delta R.T.: -0.005 min
Response: 1406543
Conc: 19.20 ug/ml



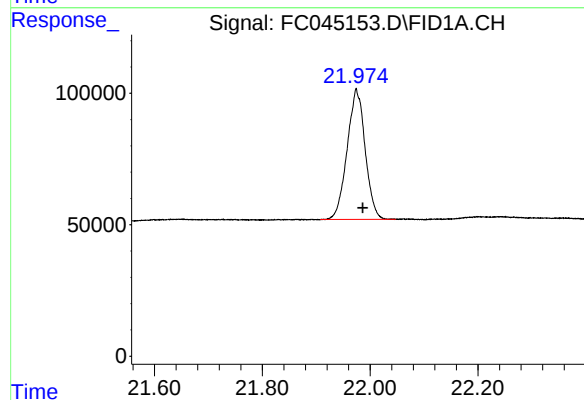
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: -0.007 min
Response: 1249179
Conc: 19.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: -0.010 min
Response: 1157214
Conc: 19.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.012 min
Response: 1149416
Conc: 19.44 ug/ml