

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030921AL\
 Data File : FC052332.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2021 9:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 10 09:43:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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)	11.614	2405810	18.243 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	13.052	1870358	17.984 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.355	2333036	19.792 ug/ml
2) T n-Decane (C10)	4.424	2350924	19.795 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2627325	19.788 ug/ml
4) T n-Dodecane (C12)	6.448	2390550	19.775 ug/ml
5) T A~2-methylnaphthalene...	7.077	2668114	19.657 ug/ml
6) T n-Tetradecane (C14)	8.248	2371571	19.561 ug/ml
7) T n-Hexadecane (C16)	9.850	2300893	19.230 ug/ml
8) T n-Octadecane (C18)	11.295	2335569	18.868 ug/ml
10) T n-Eicosane (C20)	12.605	2265090	18.383 ug/ml
11) T n-Heneicosane (C21)	13.219	2211663	18.117 ug/ml
13) T n-Docosane (C22)	13.805	2157130	17.928 ug/ml
14) T n-Tetracosane (C24)	14.910	2040722	17.504 ug/ml
15) T n-Hexacosane (C26)	15.931	1912784	17.412 ug/ml
16) T n-Octacosane (C28)	16.881	1826978	17.824 ug/ml
17) T n-Tricontane (C30)	17.769	1779453	18.902 ug/ml
18) T n-Dotriacontane (C32)	18.602	1716733	20.106 ug/ml
19) T n-Tetratriacontane (C34)	19.384	1704357	21.984 ug/mlm
20) T n-Hexatriacontane (C36)	20.123	1638288	22.799 ug/ml
21) T n-Octatriacontane (C38)	20.866	1645277	24.018 ug/mlm
22) T n-Tetracontane (C40)	21.793	1673980	23.279 ug/mlm

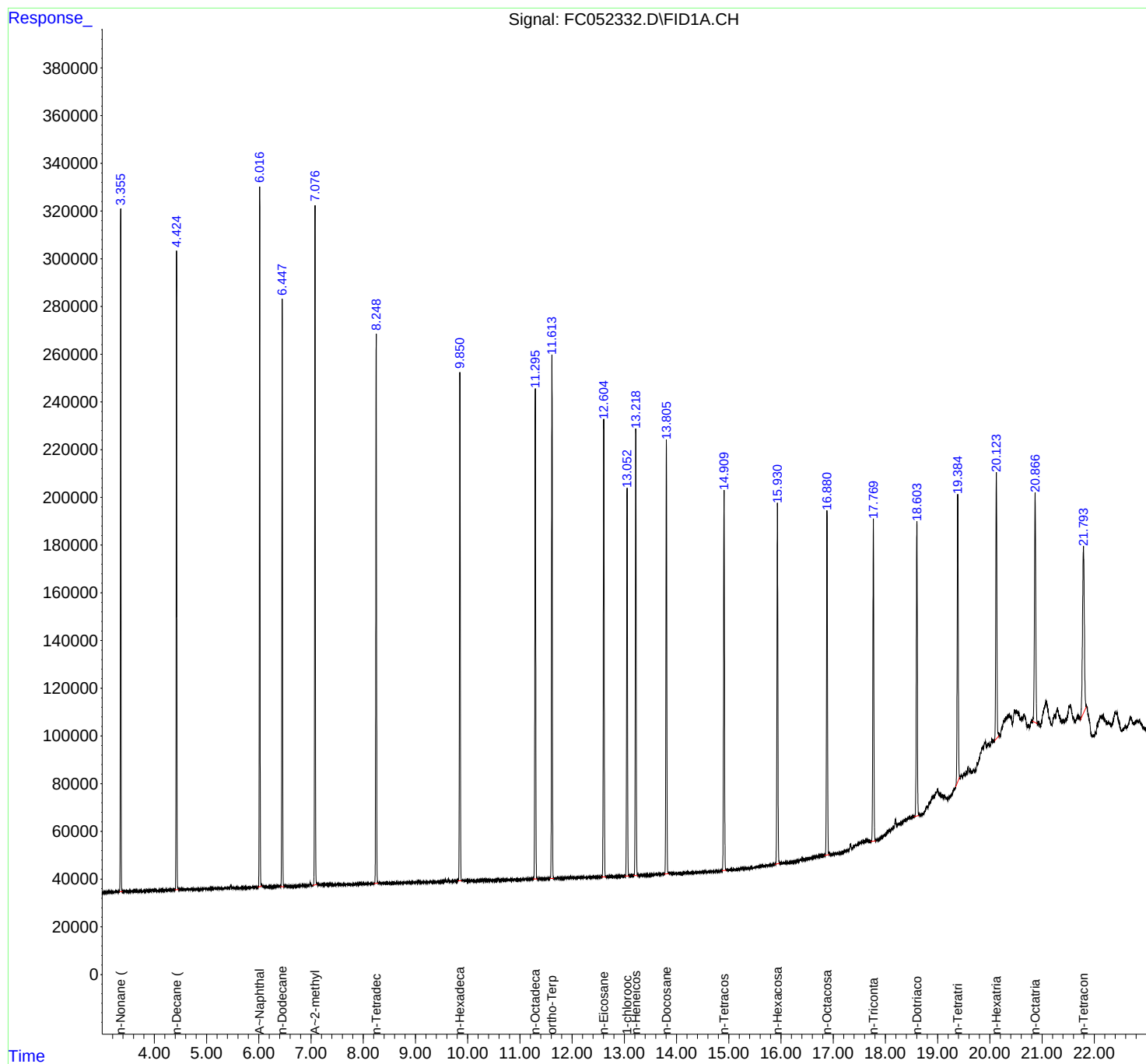
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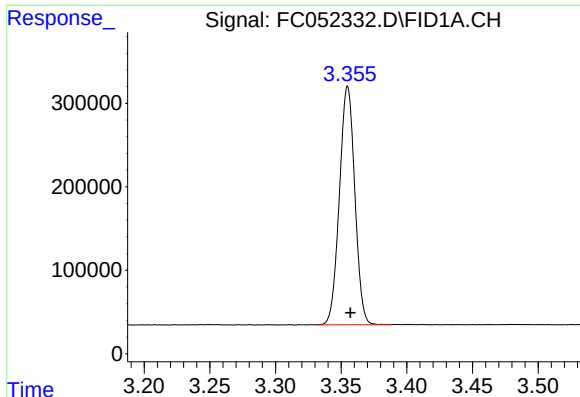
(m)=manual int.

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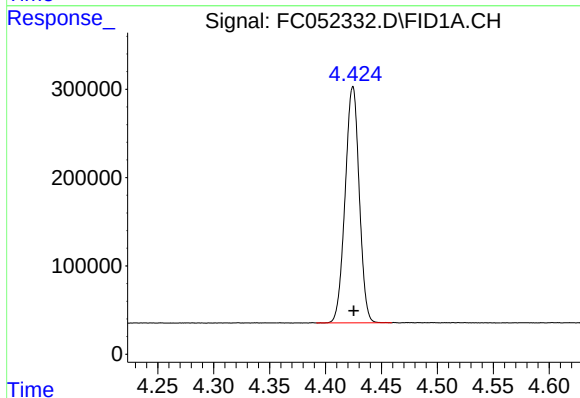
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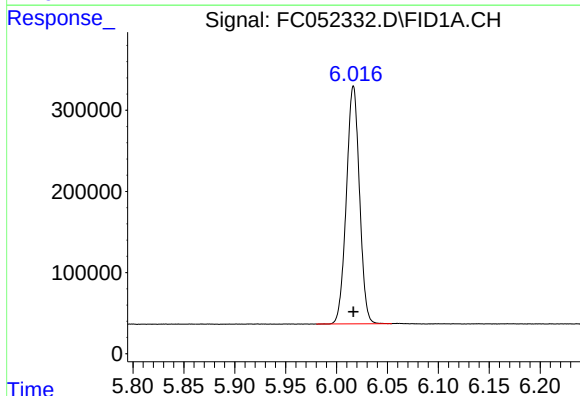
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.002 min
Response: 2333036
Conc: 19.79 ug/ml



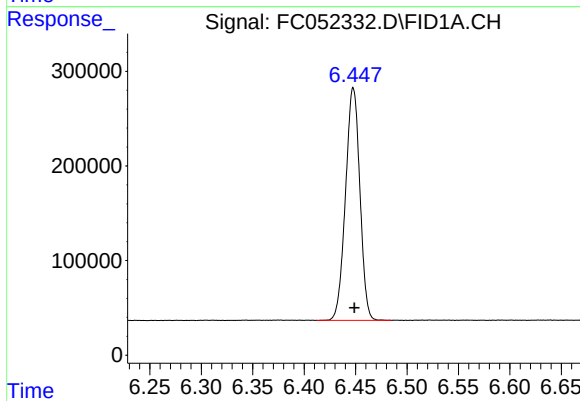
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 2350924
Conc: 19.79 ug/ml



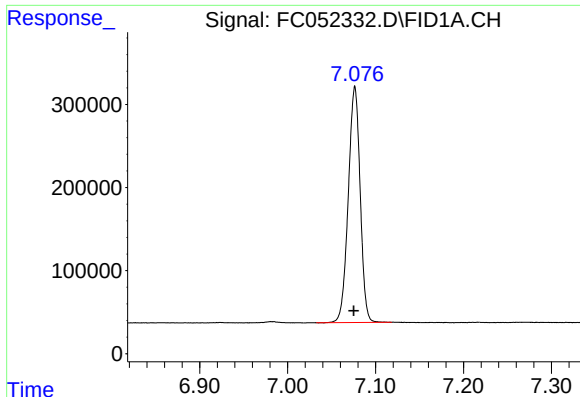
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 2627325
Conc: 19.79 ug/ml



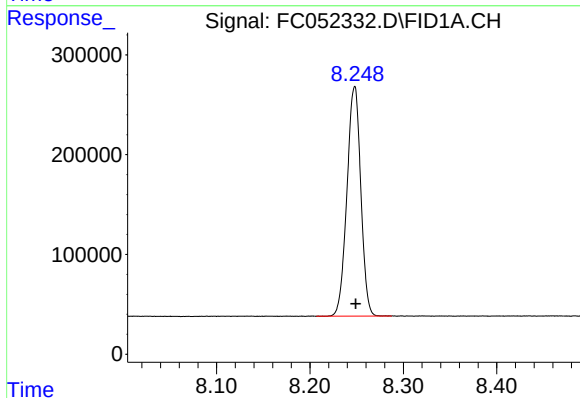
#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 2390550
Conc: 19.77 ug/ml



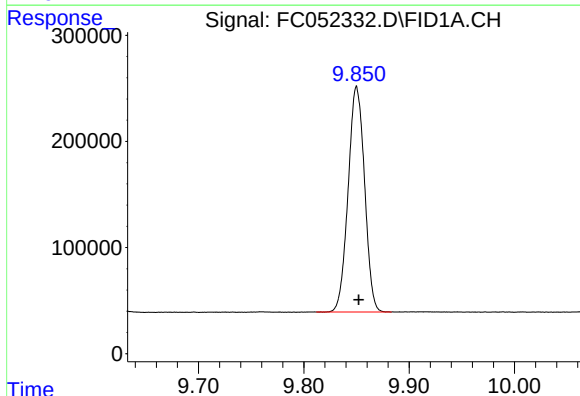
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: 0.001 min
Response: 2668114
Conc: 19.66 ug/ml



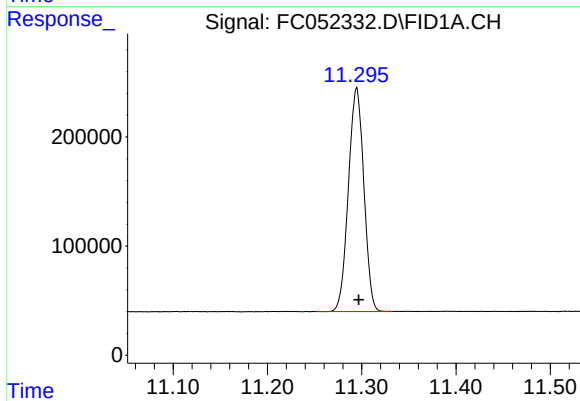
#6 n-Tetradecane (C14)

R.T.: 8.248 min
Delta R.T.: -0.001 min
Response: 2371571
Conc: 19.56 ug/ml



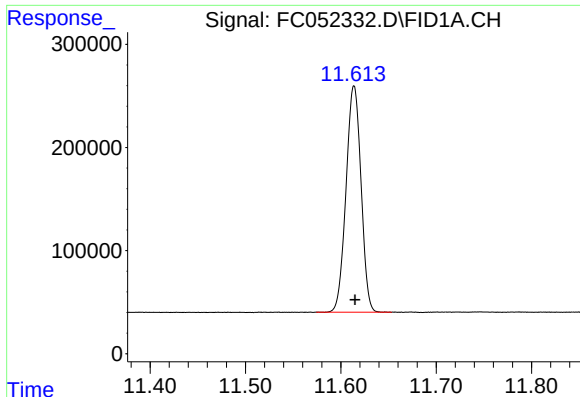
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.002 min
Response: 2300893
Conc: 19.23 ug/ml



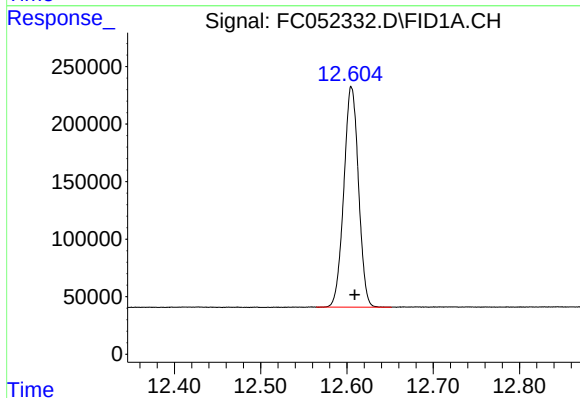
#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.002 min
Response: 2335569
Conc: 18.87 ug/ml



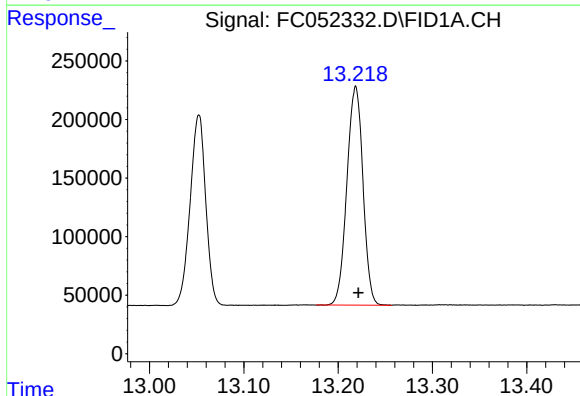
#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.001 min
Response: 2405810
Conc: 18.24 ug/ml



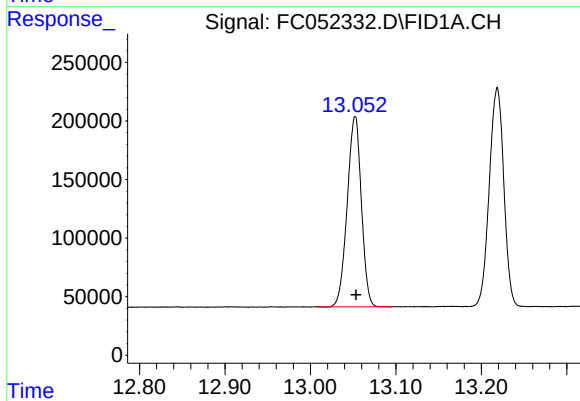
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.004 min
Response: 2265090
Conc: 18.38 ug/ml



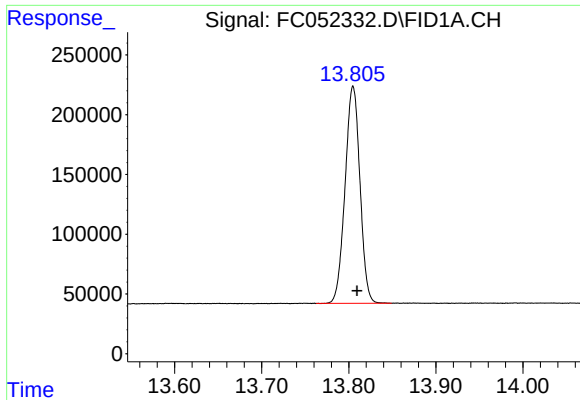
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.003 min
Response: 2211663
Conc: 18.12 ug/ml



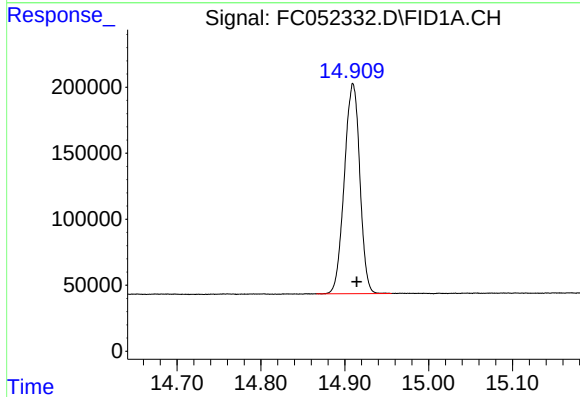
#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.001 min
Response: 1870358
Conc: 17.98 ug/ml



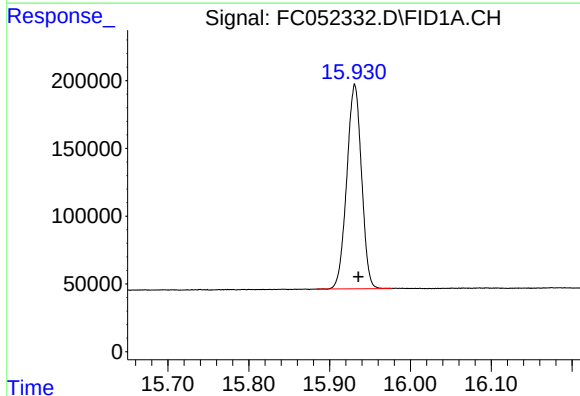
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.004 min
Response: 2157130
Conc: 17.93 ug/ml



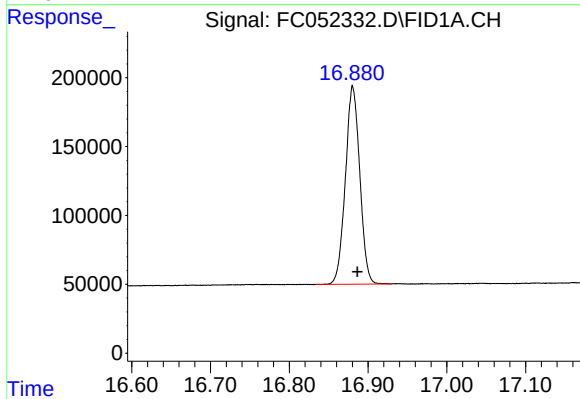
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.004 min
Response: 2040722
Conc: 17.50 ug/ml



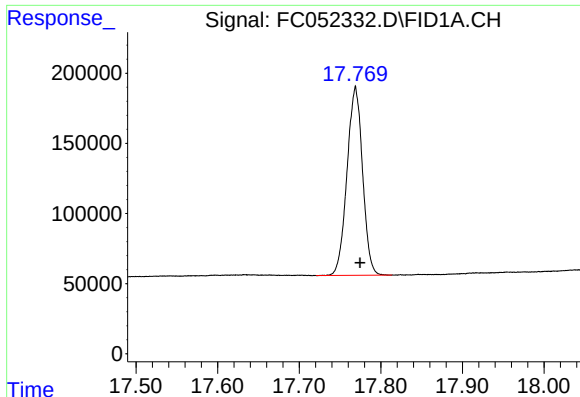
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: -0.005 min
Response: 1912784
Conc: 17.41 ug/ml



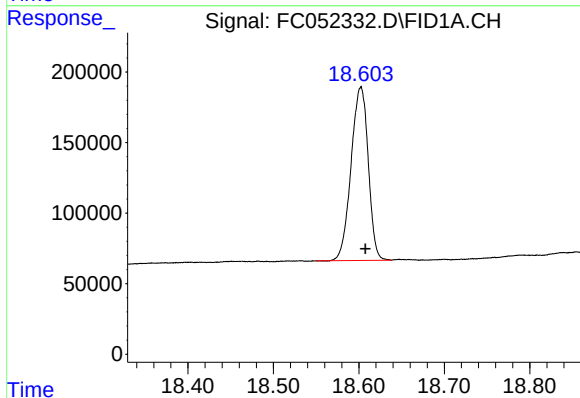
#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.006 min
Response: 1826978
Conc: 17.82 ug/ml



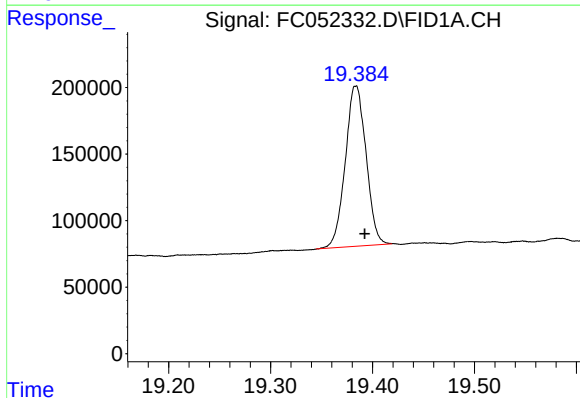
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.006 min
Response: 1779453
Conc: 18.90 ug/ml



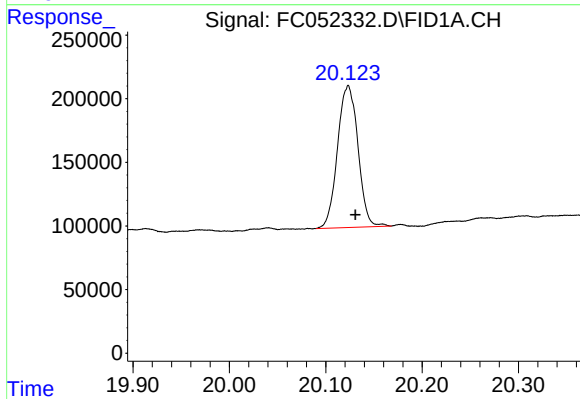
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.005 min
Response: 1716733
Conc: 20.11 ug/ml



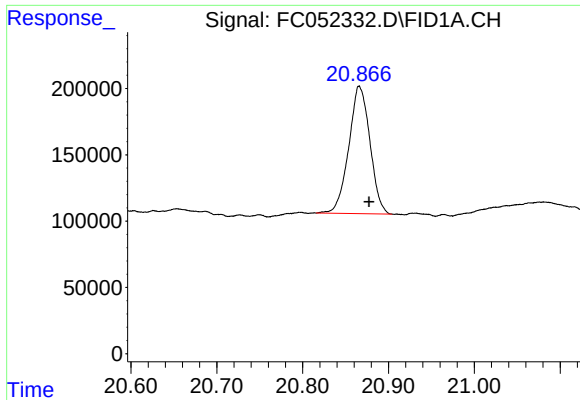
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: -0.008 min
Response: 1704357
Conc: 21.98 ug/ml m



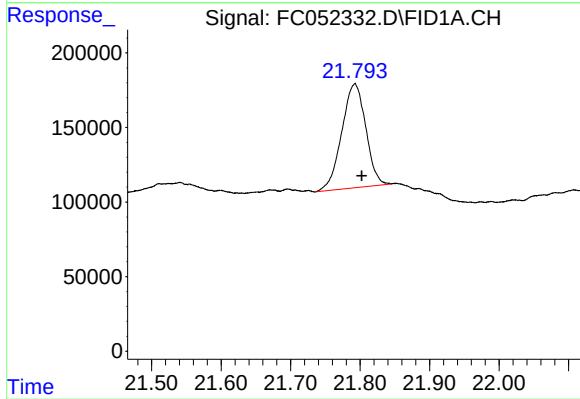
#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.007 min
Response: 1638288
Conc: 22.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.011 min
Response: 1645277
Conc: 24.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.793 min
Delta R.T.: -0.010 min
Response: 1673980
Conc: 23.28 ug/ml m