

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011520AL\
 Data File : FC045333.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jan 2020 13:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 01:06:32 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)	11.765	2264117	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	13.186	1752948	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.515	2158055	21.432 ug/ml
2) T n-Decane (C10)	4.589	2198103	21.789 ug/ml
3) T A~Naphthalene (C11.7)	6.192	2425698	21.647 ug/ml
4) T n-Dodecane (C12)	6.607	2229349	21.902 ug/ml
5) T A~2-methylnaphthalene...	7.248	2437759	21.628 ug/ml
6) T n-Tetradecane (C14)	8.397	2231289	21.892 ug/ml
7) T n-Hexadecane (C16)	9.995	2221168	21.574 ug/ml
8) T n-Octadecane (C18)	11.433	2195959	21.116 ug/ml
10) T n-Eicosane (C20)	12.740	2150310	20.553 ug/ml
11) T n-Heneicosane (C21)	13.351	2108984	19.941 ug/ml
13) T n-Docosane (C22)	13.936	2118236	20.034 ug/ml
14) T n-Tetracosane (C24)	15.036	2117029	19.815 ug/ml
15) T n-Hexacosane (C26)	16.054	2166329	20.312 ug/ml
16) T n-Octacosane (C28)	17.002	2162815	20.479 ug/ml
17) T n-Tricontane (C30)	17.887	2028445	19.899 ug/ml
18) T n-Dotriacontane (C32)	18.718	1718661	19.866 ug/ml
19) T n-Tetratriacontane (C34)	19.498	1410407	19.253 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1267591	19.289 ug/ml
21) T n-Octatriacontane (C38)	21.008	1163839	19.706 ug/ml
22) T n-Tetracontane (C40)	21.977	1225915	20.729 ug/ml

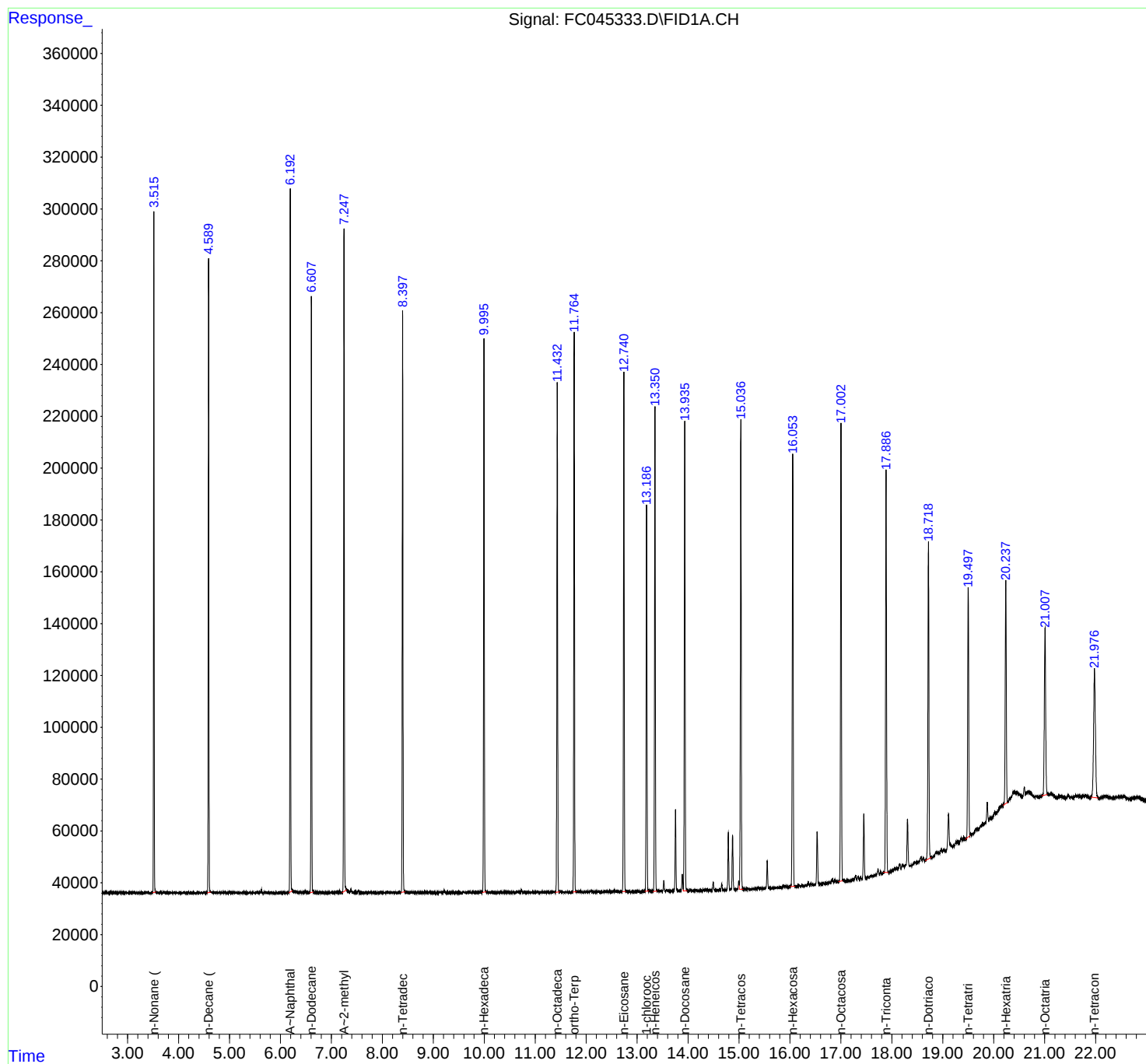
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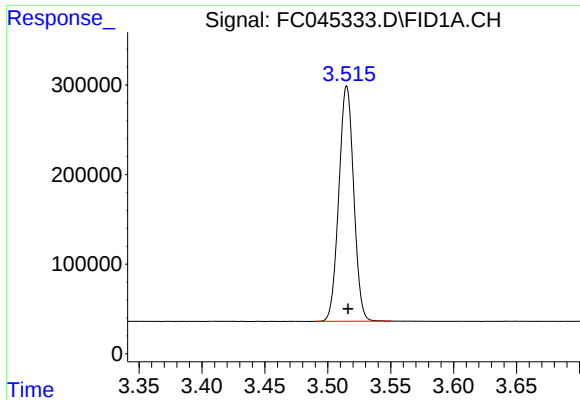
(m)=manual int.

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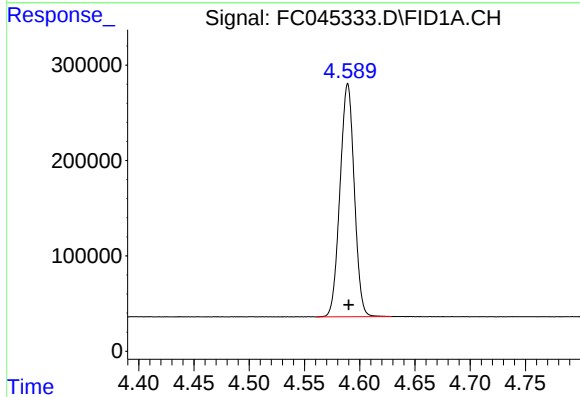
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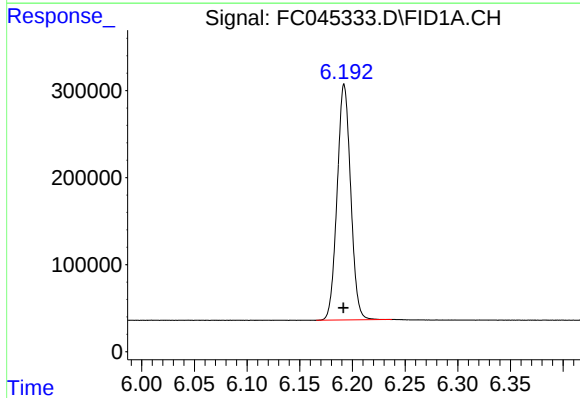
#1 n-Nonane (C9)

R.T.: 3.515 min
Delta R.T.: 0.000 min
Response: 2158055
Conc: 21.43 ug/ml



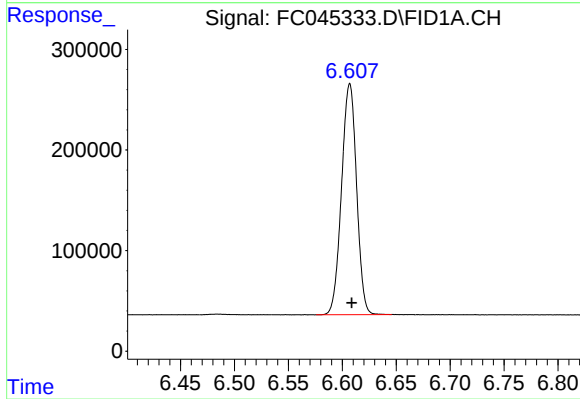
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 2198103
Conc: 21.79 ug/ml



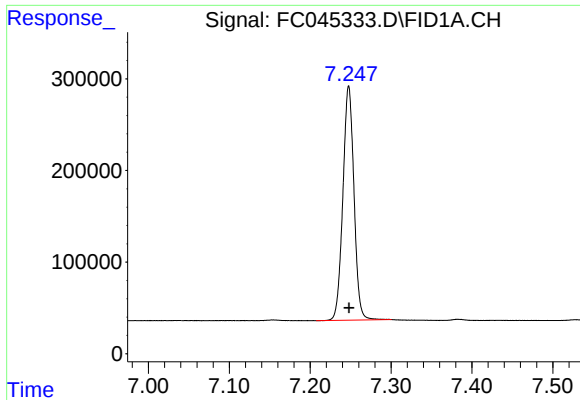
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 2425698
Conc: 21.65 ug/ml



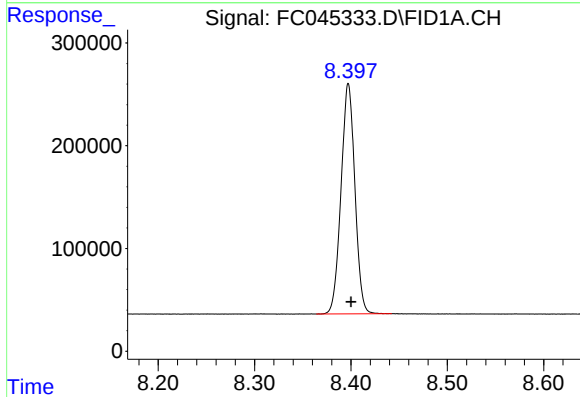
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 2229349
Conc: 21.90 ug/ml



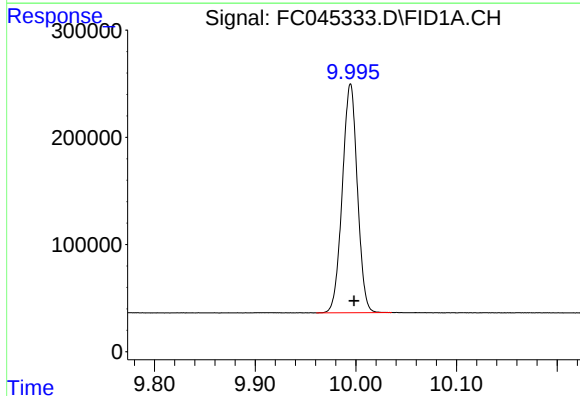
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 2437759
Conc: 21.63 ug/ml



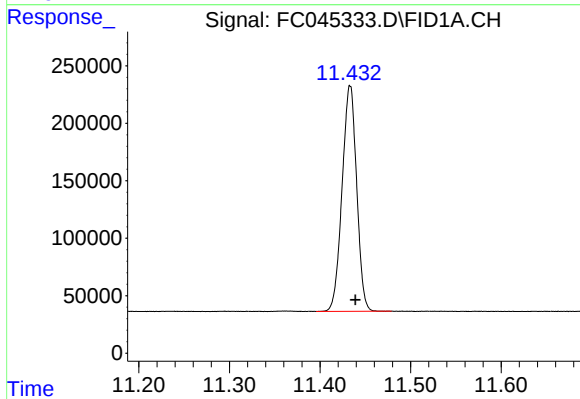
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.003 min
Response: 2231289
Conc: 21.89 ug/ml



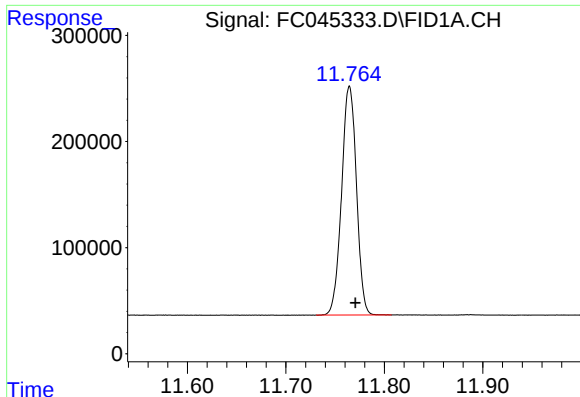
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.004 min
Response: 2221168
Conc: 21.57 ug/ml



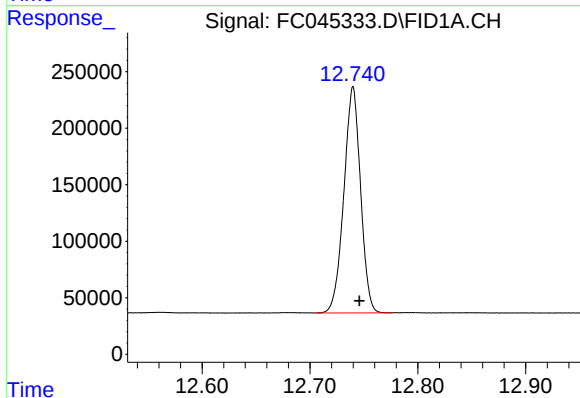
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.006 min
Response: 2195959
Conc: 21.12 ug/ml



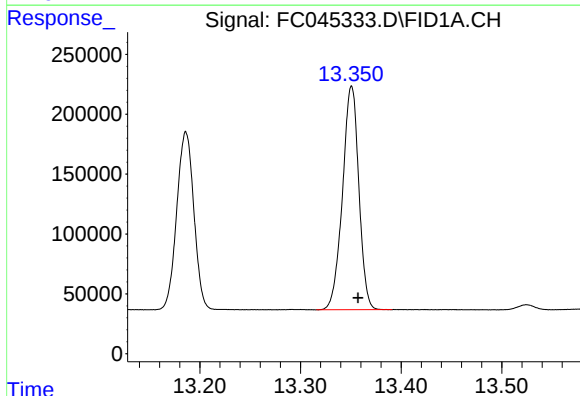
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: -0.006 min
Response: 2264117
Conc: 19.96 ug/ml



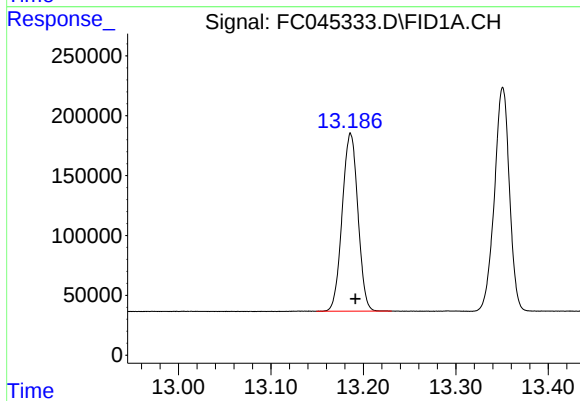
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: -0.006 min
Response: 2150310
Conc: 20.55 ug/ml



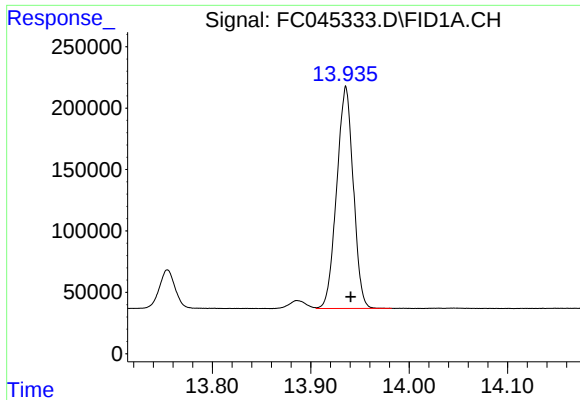
#11 n-Heneicosane (C21)

R.T.: 13.351 min
Delta R.T.: -0.007 min
Response: 2108984
Conc: 19.94 ug/ml



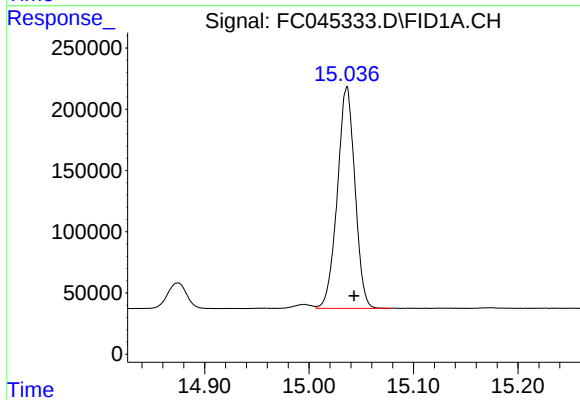
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: -0.005 min
Response: 1752948
Conc: 19.66 ug/ml



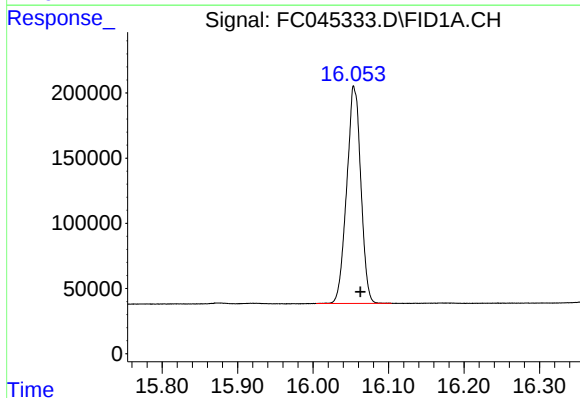
#13 n-Docosane (C22)

R.T.: 13.936 min
Delta R.T.: -0.005 min
Response: 2118236
Conc: 20.03 ug/ml



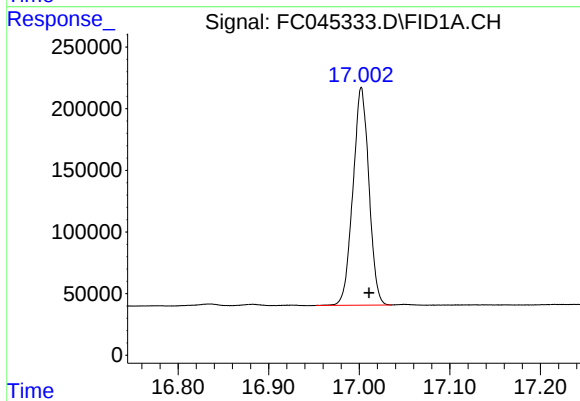
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: -0.007 min
Response: 2117029
Conc: 19.81 ug/ml



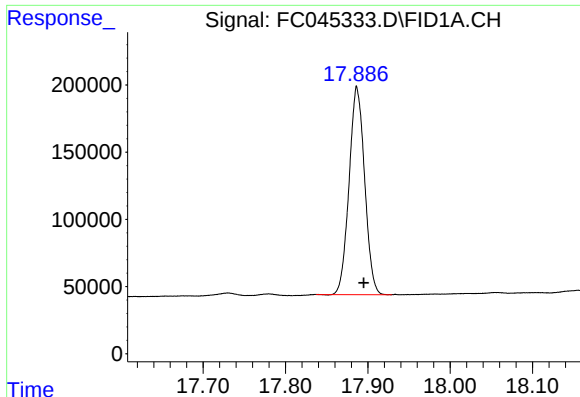
#15 n-Hexacosane (C26)

R.T.: 16.054 min
Delta R.T.: -0.008 min
Response: 2166329
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.002 min
Delta R.T.: -0.008 min
Response: 2162815
Conc: 20.48 ug/ml



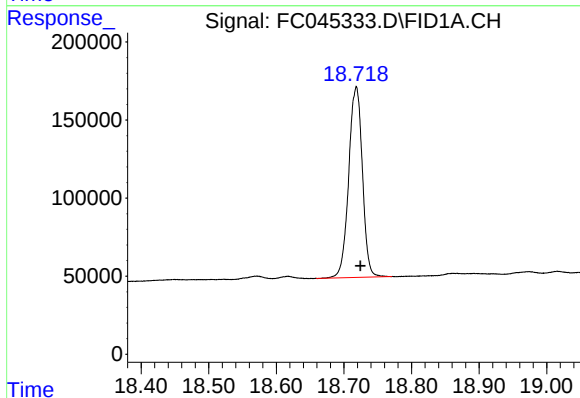
#17 n-Tricontane (C30)

R.T.: 17.887 min

Delta R.T.: -0.008 min

Response: 2028445

Conc: 19.90 ug/ml



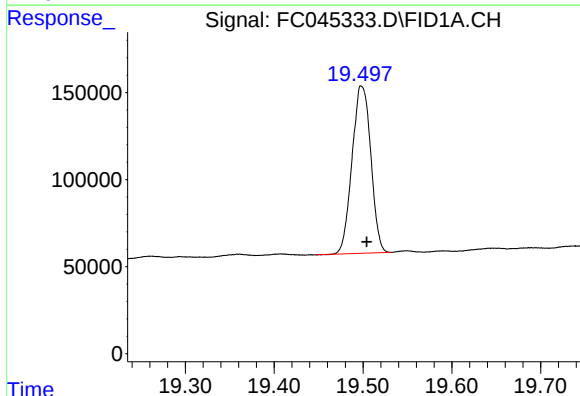
#18 n-Dotriacontane (C32)

R.T.: 18.718 min

Delta R.T.: -0.006 min

Response: 1718661

Conc: 19.87 ug/ml



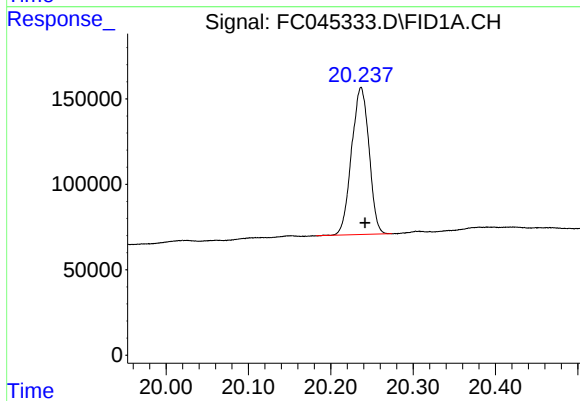
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min

Delta R.T.: -0.006 min

Response: 1410407

Conc: 19.25 ug/ml



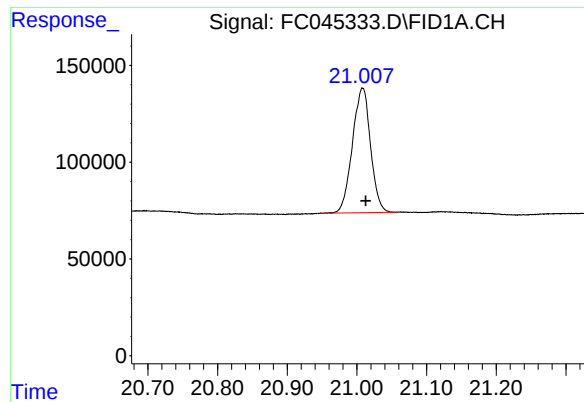
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min

Delta R.T.: -0.005 min

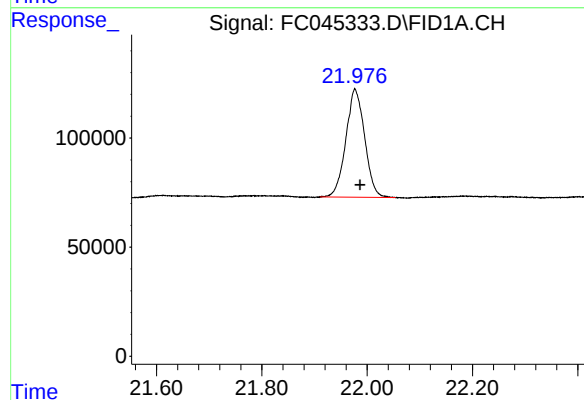
Response: 1267591

Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: -0.005 min
Response: 1163839
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.010 min
Response: 1225915
Conc: 20.73 ug/ml