

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010220AL\
 Data File : FC045166.D
 Signal(s) : FID1A.CH
 Acq On : 02 Jan 2020 20:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 03 00:11:55 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)	11.769	2364694	20.850 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
12) S 1-chlorooctadecane (S...	13.191	1835592	20.586 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.516	2108604	20.940 ug/ml
2) T n-Decane (C10)	4.590	2181054	21.620 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2436410	21.742 ug/ml
4) T n-Dodecane (C12)	6.609	2232142	21.930 ug/ml
5) T A~2-methylnaphthalene...	7.249	2470768	21.921 ug/ml
6) T n-Tetradecane (C14)	8.400	2251015	22.085 ug/ml
7) T n-Hexadecane (C16)	9.998	2263484	21.985 ug/ml
8) T n-Octadecane (C18)	11.437	2248929	21.625 ug/ml
10) T n-Eicosane (C20)	12.744	2205442	21.080 ug/ml
11) T n-Heneicosane (C21)	13.355	2188895	20.697 ug/ml
13) T n-Docosane (C22)	13.940	2148796	20.323 ug/ml
14) T n-Tetracosane (C24)	15.041	2086958	19.533 ug/ml
15) T n-Hexacosane (C26)	16.060	2015881	18.902 ug/ml
16) T n-Octacosane (C28)	17.008	1973179	18.684 ug/ml
17) T n-Tricontane (C30)	17.895	1928012	18.914 ug/ml
18) T n-Dotriacontane (C32)	18.726	1663190	19.225 ug/ml
19) T n-Tetratriacontane (C34)	19.507	1389588	18.969 ug/ml
20) T n-Hexatriacontane (C36)	20.245	1314797	20.007 ug/mlm
21) T n-Octatriacontane (C38)	21.017	1229620	20.819 ug/mlm
22) T n-Tetracontane (C40)	21.992	1279406	21.633 ug/mlm

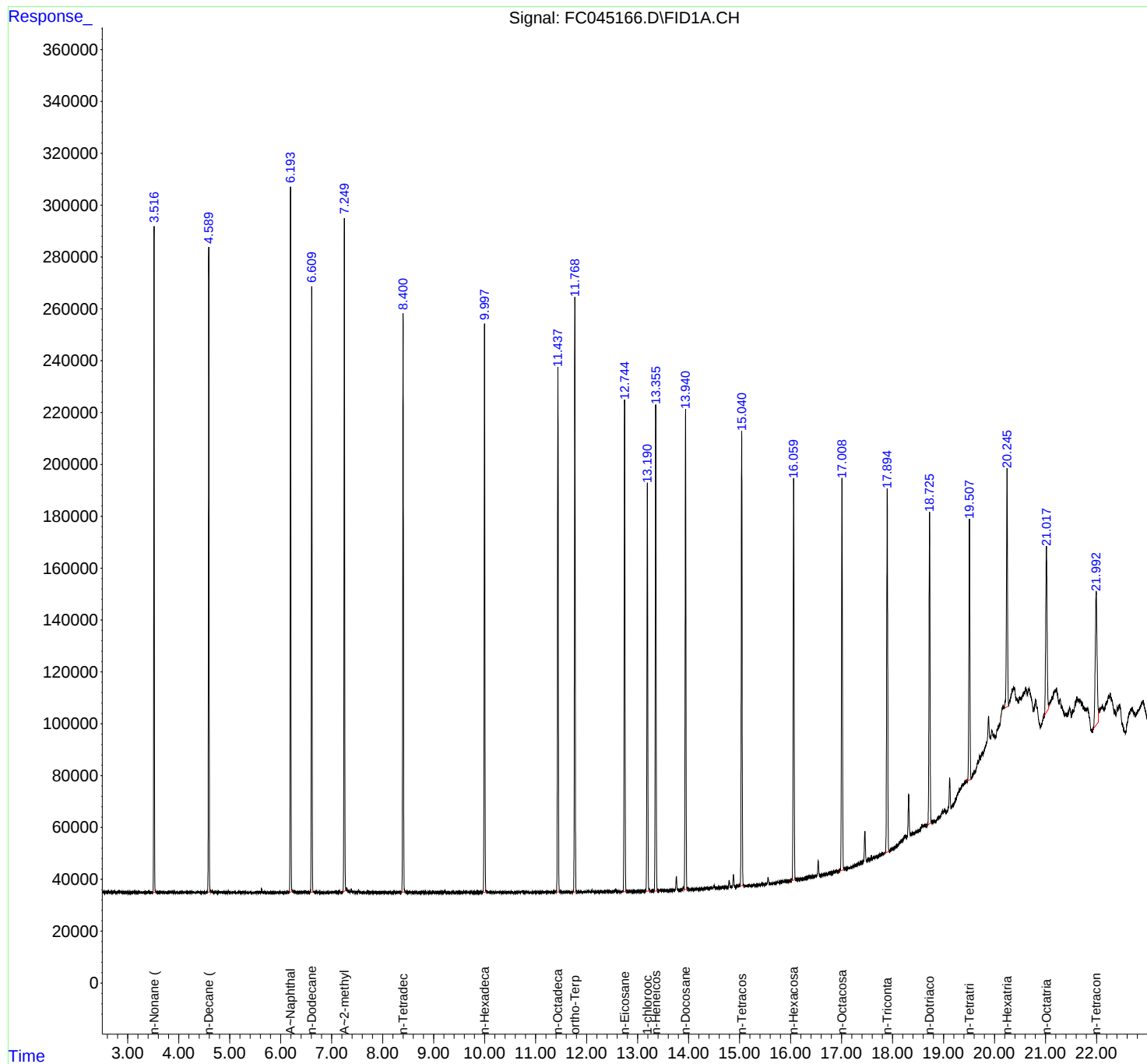
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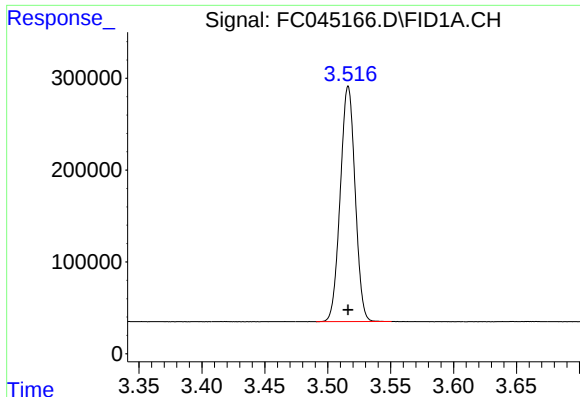
(m)=manual int.

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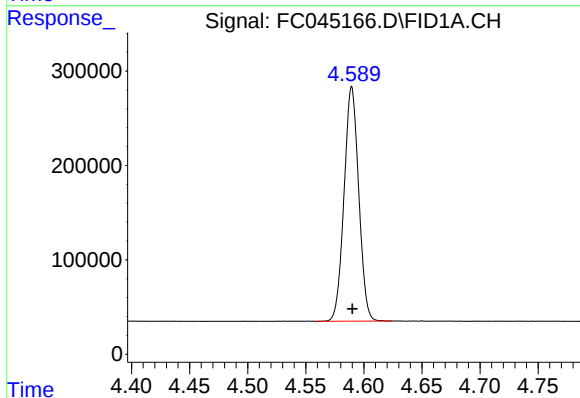
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





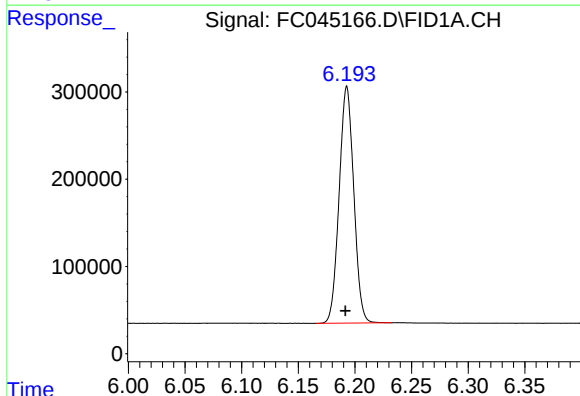
#1 n-Nonane (C9)

R.T.: 3.516 min
Delta R.T.: 0.000 min
Response: 2108604
Conc: 20.94 ug/ml



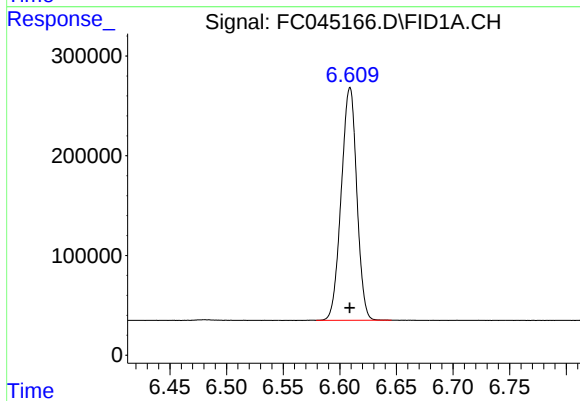
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2181054
Conc: 21.62 ug/ml



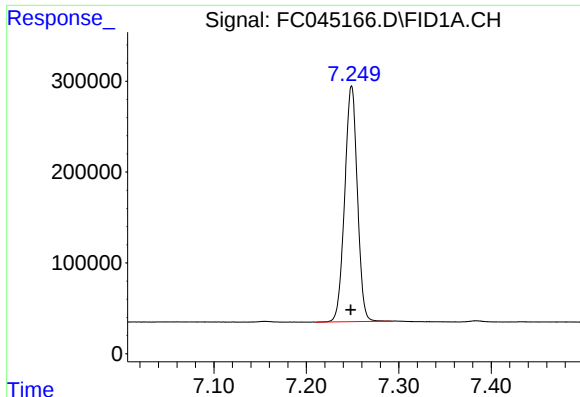
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 2436410
Conc: 21.74 ug/ml



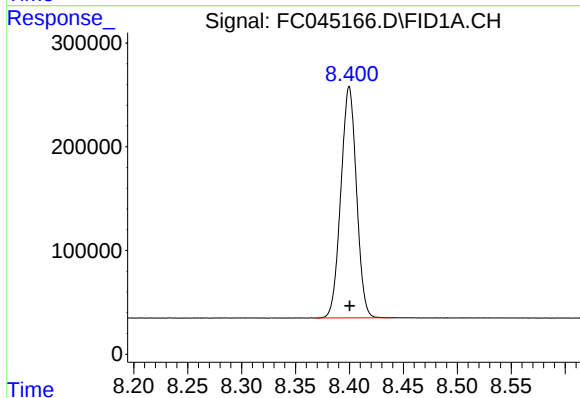
#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 2232142
Conc: 21.93 ug/ml



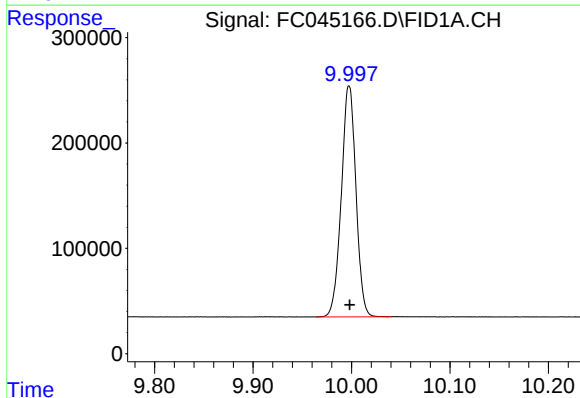
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 2470768
Conc: 21.92 ug/ml



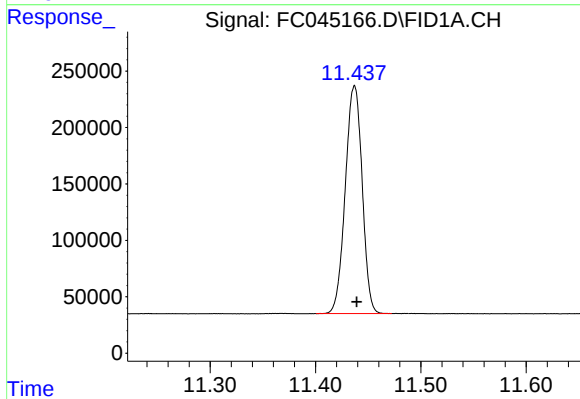
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2251015
Conc: 22.09 ug/ml



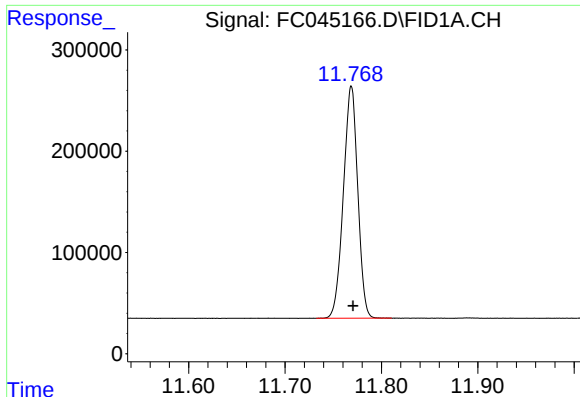
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 2263484
Conc: 21.99 ug/ml



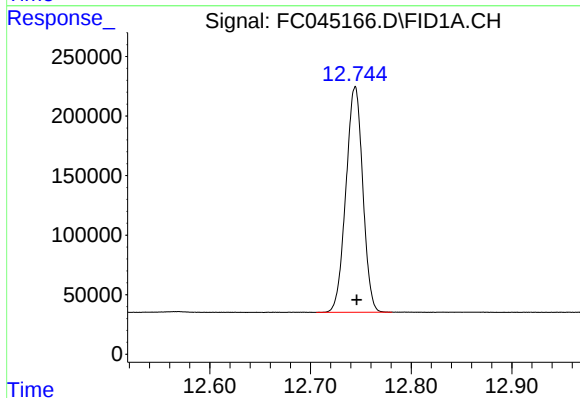
#8 n-Octadecane (C18)

R.T.: 11.437 min
Delta R.T.: -0.002 min
Response: 2248929
Conc: 21.62 ug/ml



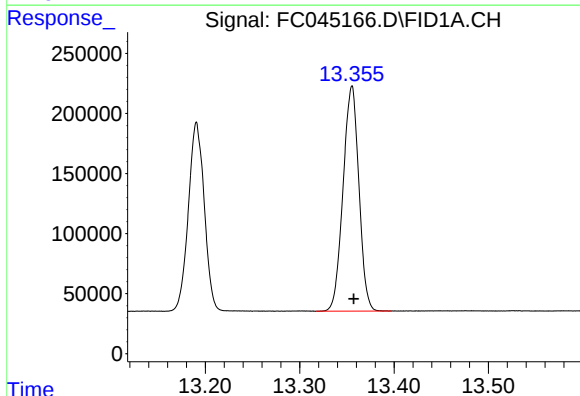
#9 ortho-Terphenyl (SURR)

R.T.: 11.769 min
Delta R.T.: -0.002 min
Response: 2364694
Conc: 20.85 ug/ml



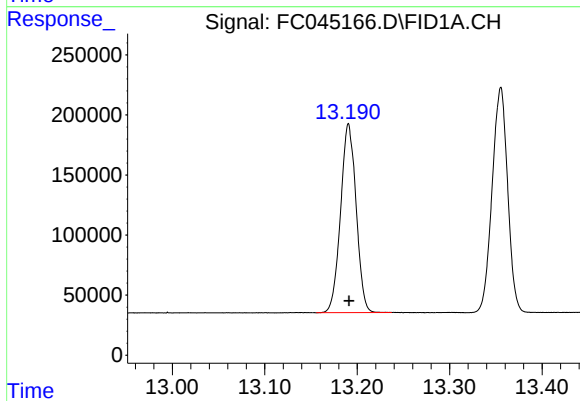
#10 n-Eicosane (C20)

R.T.: 12.744 min
Delta R.T.: -0.002 min
Response: 2205442
Conc: 21.08 ug/ml



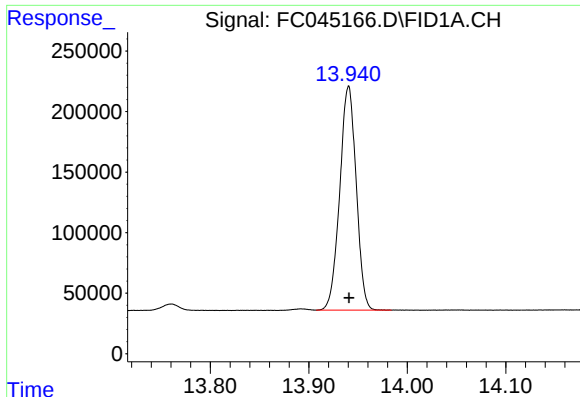
#11 n-Heneicosane (C21)

R.T.: 13.355 min
Delta R.T.: -0.002 min
Response: 2188895
Conc: 20.70 ug/ml



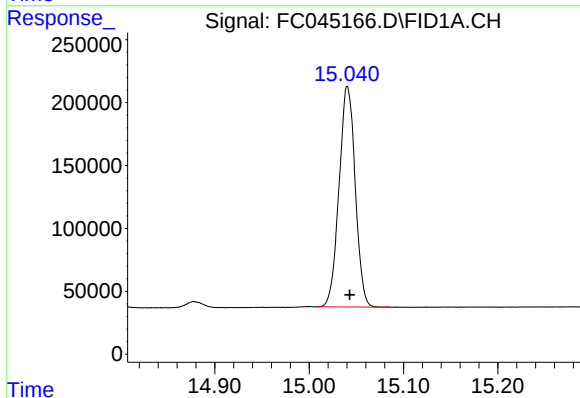
#12 1-chlorooctadecane (SURR)

R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 1835592
Conc: 20.59 ug/ml



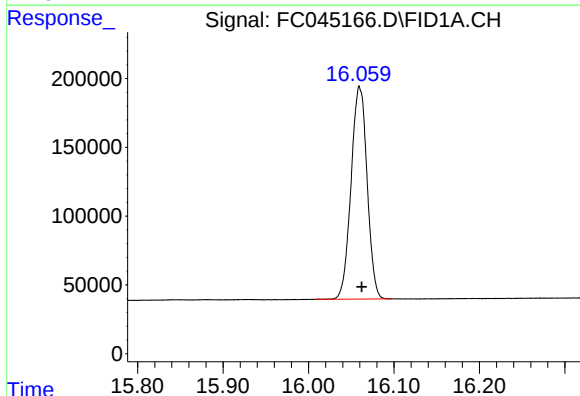
#13 n-Docosane (C22)

R.T.: 13.940 min
Delta R.T.: 0.000 min
Response: 2148796
Conc: 20.32 ug/ml



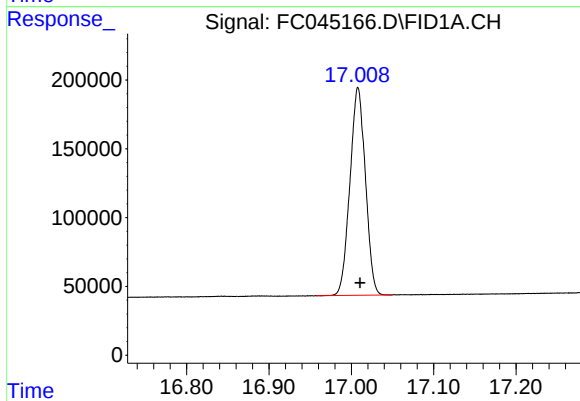
#14 n-Tetracosane (C24)

R.T.: 15.041 min
Delta R.T.: -0.003 min
Response: 2086958
Conc: 19.53 ug/ml



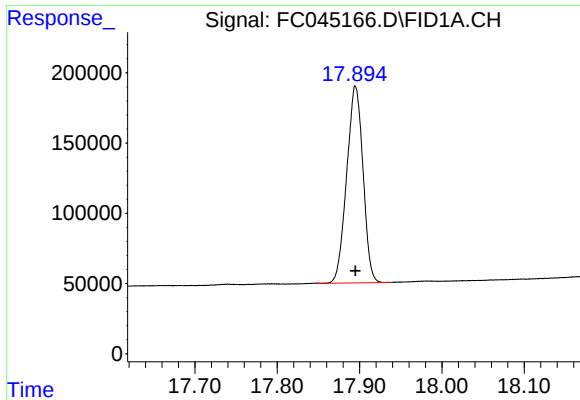
#15 n-Hexacosane (C26)

R.T.: 16.060 min
Delta R.T.: -0.003 min
Response: 2015881
Conc: 18.90 ug/ml



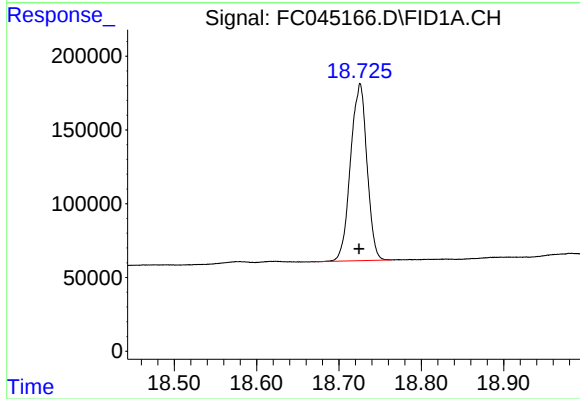
#16 n-Octacosane (C28)

R.T.: 17.008 min
Delta R.T.: -0.002 min
Response: 1973179
Conc: 18.68 ug/ml



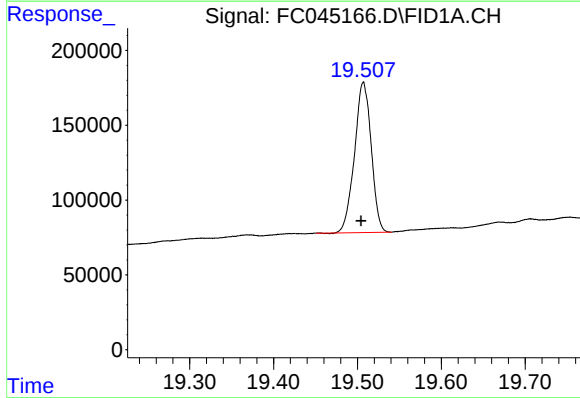
#17 n-Tricontane (C30)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 1928012
Conc: 18.91 ug/ml



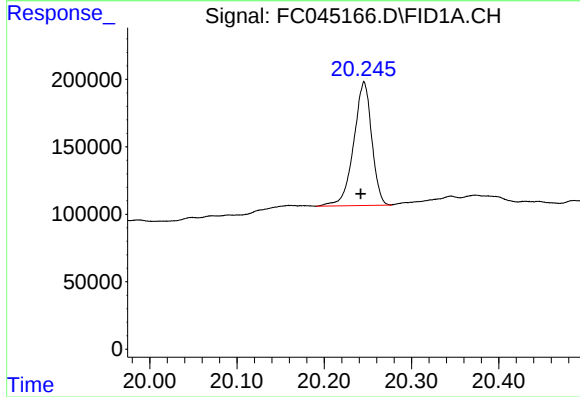
#18 n-Dotriacontane (C32)

R.T.: 18.726 min
Delta R.T.: 0.001 min
Response: 1663190
Conc: 19.23 ug/ml



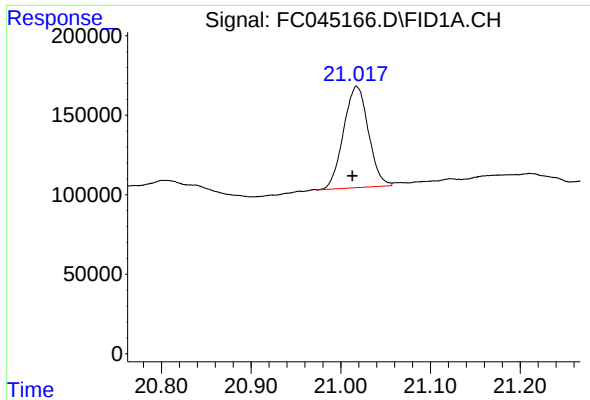
#19 n-Tetratriacontane (C34)

R.T.: 19.507 min
Delta R.T.: 0.003 min
Response: 1389588
Conc: 18.97 ug/ml



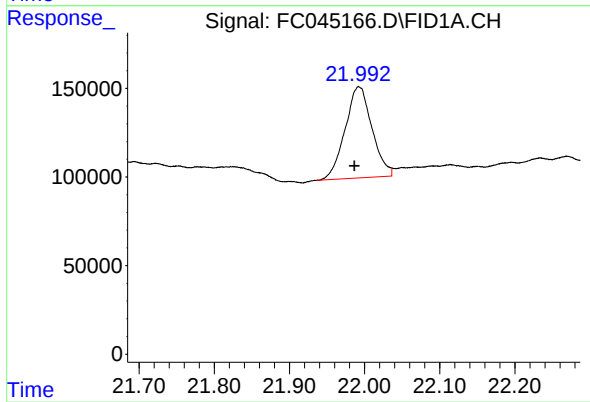
#20 n-Hexatriacontane (C36)

R.T.: 20.245 min
Delta R.T.: 0.003 min
Response: 1314797
Conc: 20.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.017 min
Delta R.T.: 0.004 min
Response: 1229620
Conc: 20.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.005 min
Response: 1279406
Conc: 21.63 ug/ml m