

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011620AL\
 Data File : FC045365.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jan 2020 23:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 02:11:57 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	2247902	19.820 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.184	1741397	19.530 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.515	2154012	21.391 ug/ml
2) T n-Decane (C10)	4.589	2197835	21.786 ug/ml
3) T A~Naphthalene (C11.7)	6.191	2418497	21.583 ug/ml
4) T n-Dodecane (C12)	6.606	2225809	21.867 ug/ml
5) T A~2-methylnaphthalene...	7.246	2424014	21.506 ug/ml
6) T n-Tetradecane (C14)	8.397	2228017	21.860 ug/ml
7) T n-Hexadecane (C16)	9.993	2216871	21.532 ug/ml
8) T n-Octadecane (C18)	11.432	2192117	21.079 ug/ml
10) T n-Eicosane (C20)	12.737	2145343	20.506 ug/ml
11) T n-Heneicosane (C21)	13.348	2101143	19.867 ug/ml
13) T n-Docosane (C22)	13.933	2108858	19.946 ug/ml
14) T n-Tetracosane (C24)	15.034	2108189	19.732 ug/ml
15) T n-Hexacosane (C26)	16.051	2156425	20.219 ug/ml
16) T n-Octacosane (C28)	17.001	2164507	20.495 ug/ml
17) T n-Tricontane (C30)	17.886	2076528	20.370 ug/ml
18) T n-Dotriacontane (C32)	18.715	1747664	20.202 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1476674	20.157 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1712150	26.053 ug/ml
21) T n-Octatriacontane (C38)	21.001	1372307	23.235 ug/ml
22) T n-Tetracontane (C40)	21.970	1194850	20.203 ug/ml

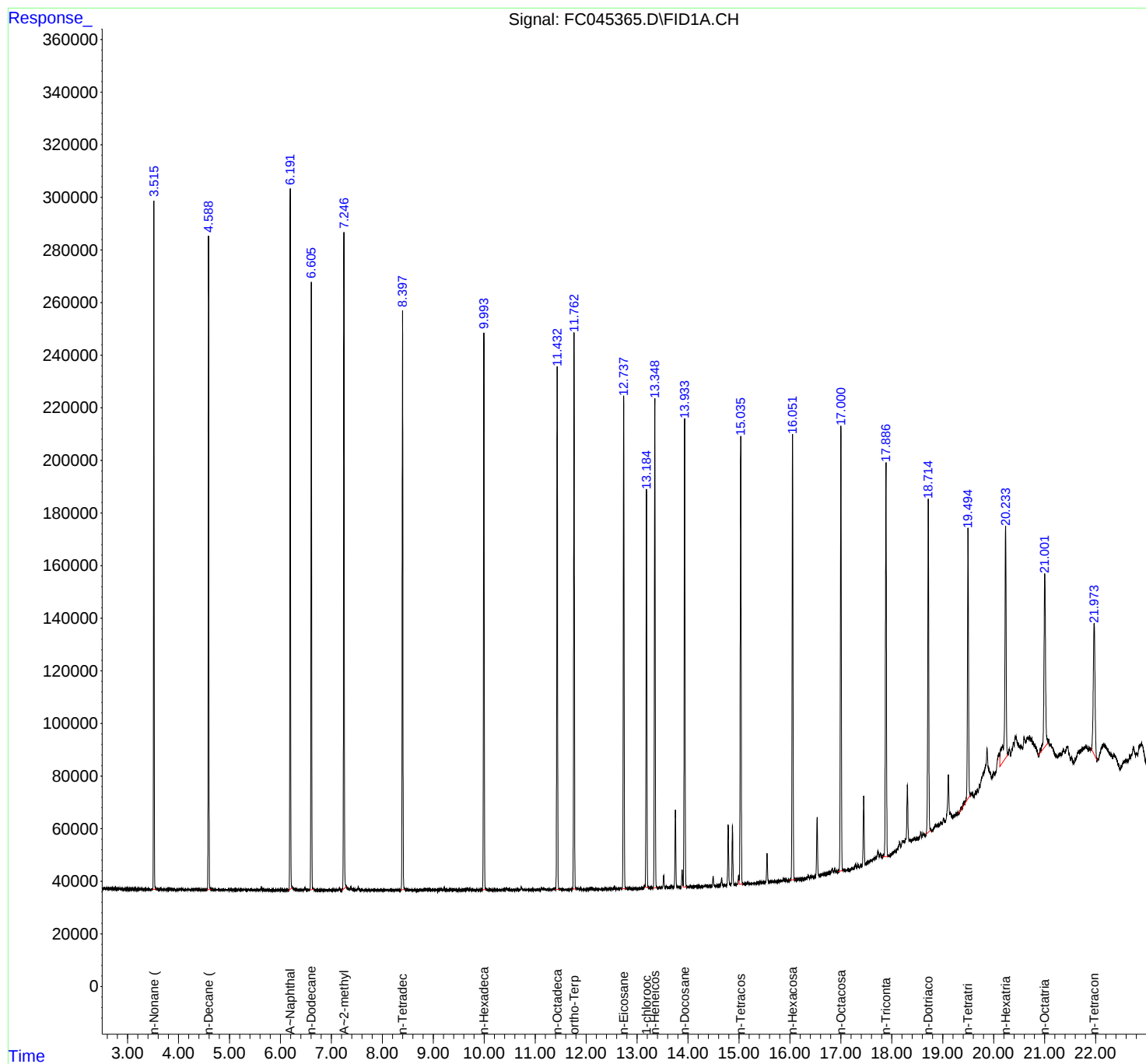
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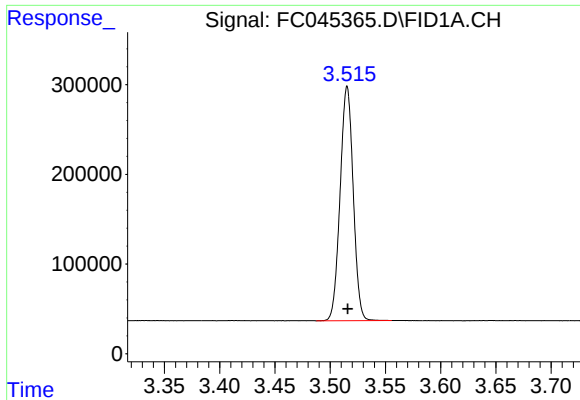
(m)=manual int.

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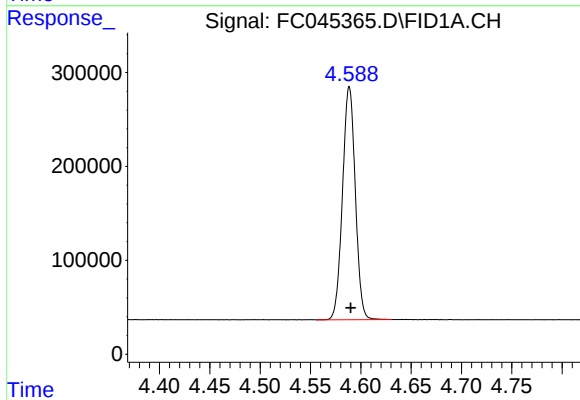
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Signal Info : 20M x 0.18mm x 0.18um





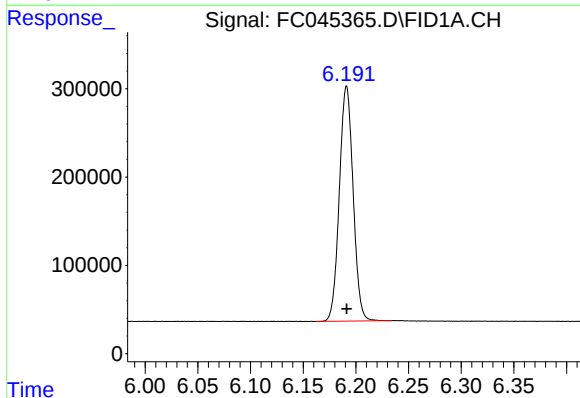
#1 n-Nonane (C9)

R.T.: 3.515 min
Delta R.T.: 0.000 min
Response: 2154012
Conc: 21.39 ug/ml



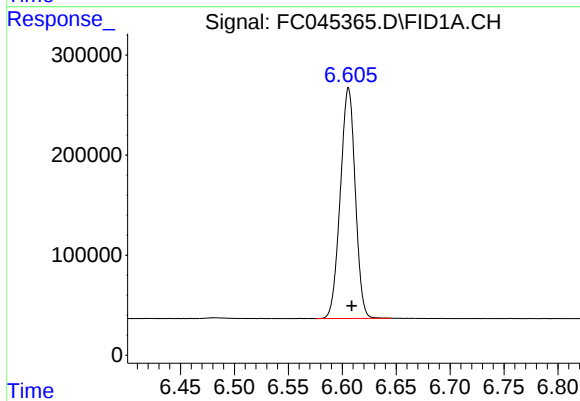
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 2197835
Conc: 21.79 ug/ml



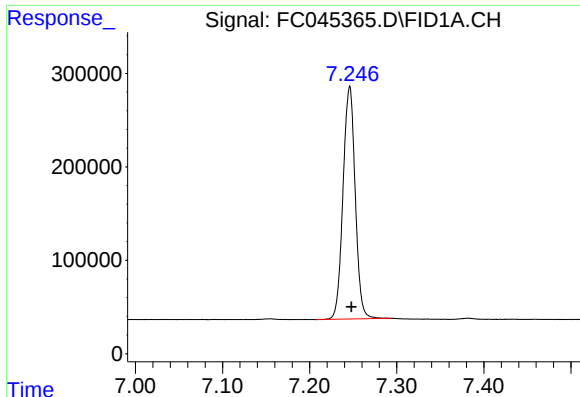
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 2418497
Conc: 21.58 ug/ml



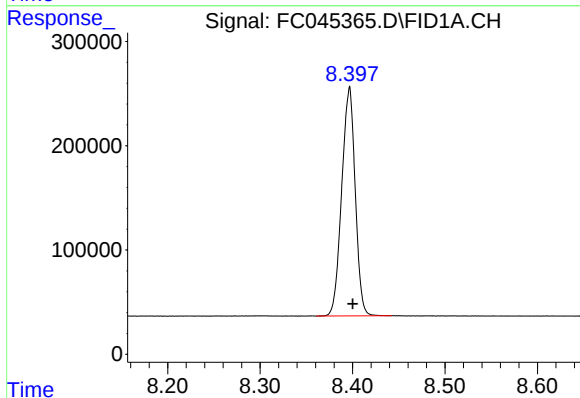
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 2225809
Conc: 21.87 ug/ml



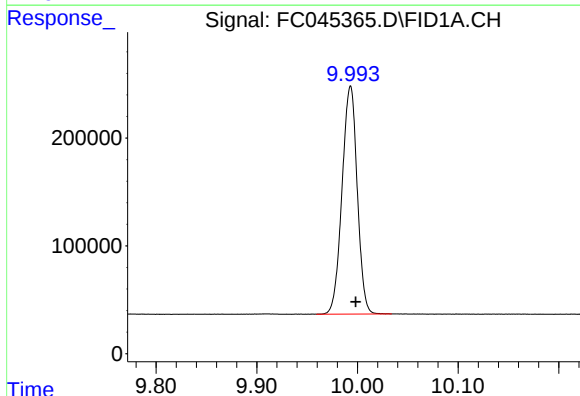
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.002 min
Response: 2424014
Conc: 21.51 ug/ml



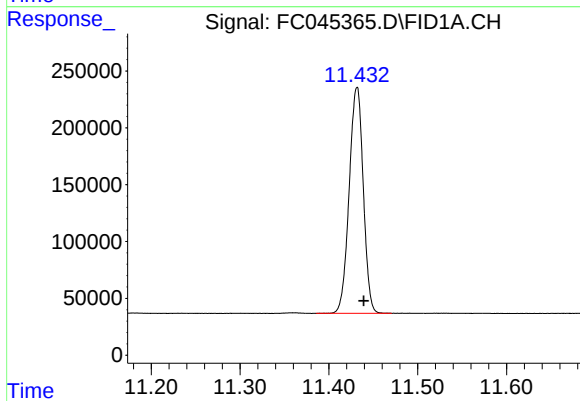
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 2228017
Conc: 21.86 ug/ml



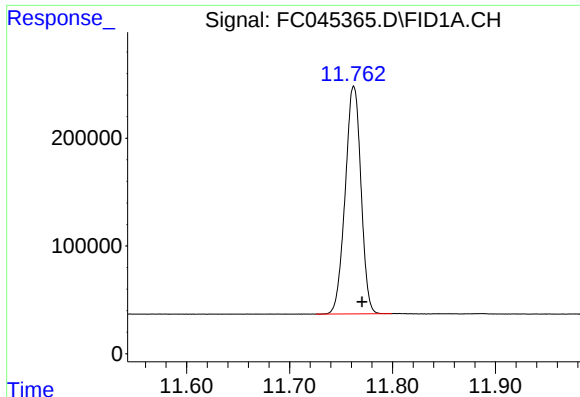
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2216871
Conc: 21.53 ug/ml



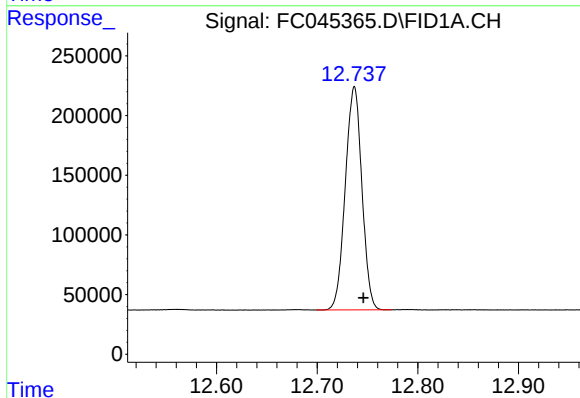
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 2192117
Conc: 21.08 ug/ml



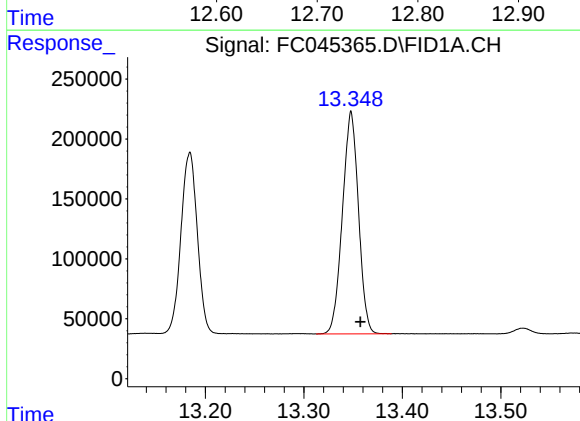
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: -0.008 min
Response: 2247902
Conc: 19.82 ug/ml



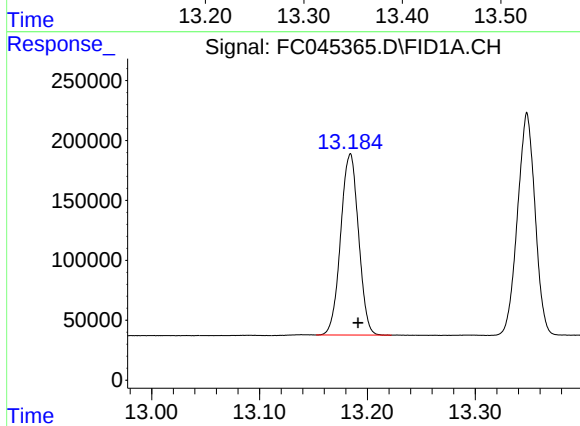
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.009 min
Response: 2145343
Conc: 20.51 ug/ml



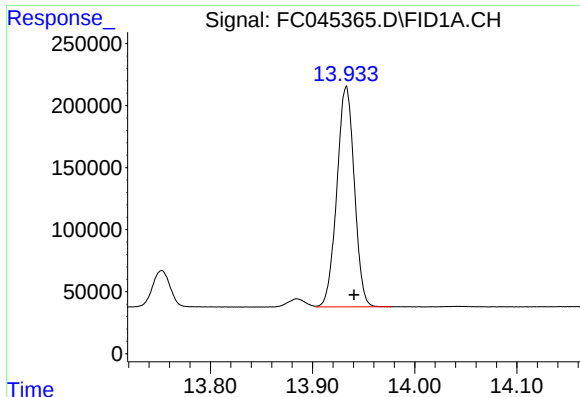
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.009 min
Response: 2101143
Conc: 19.87 ug/ml



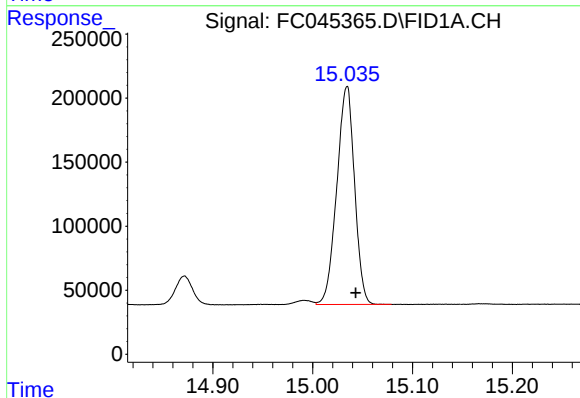
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.007 min
Response: 1741397
Conc: 19.53 ug/ml



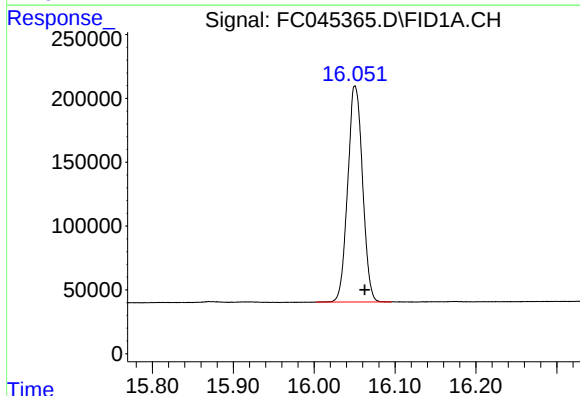
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.008 min
Response: 2108858
Conc: 19.95 ug/ml



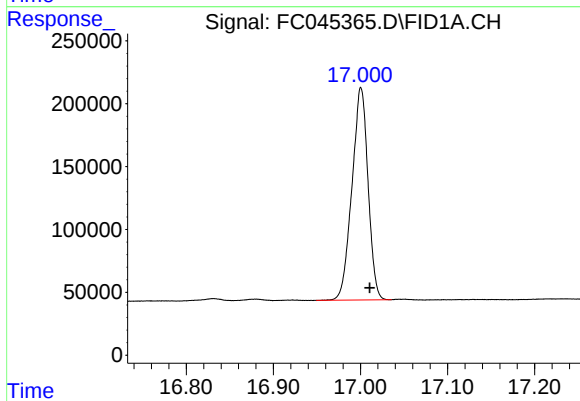
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: -0.009 min
Response: 2108189
Conc: 19.73 ug/ml



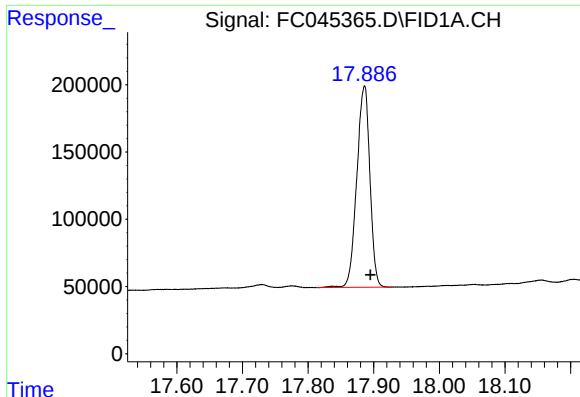
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.012 min
Response: 2156425
Conc: 20.22 ug/ml



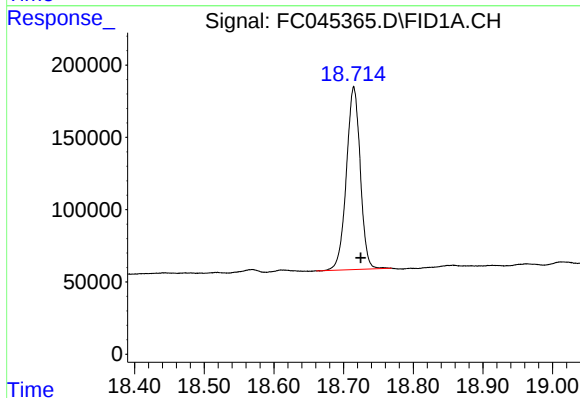
#16 n-Octacosane (C28)

R.T.: 17.001 min
Delta R.T.: -0.010 min
Response: 2164507
Conc: 20.50 ug/ml



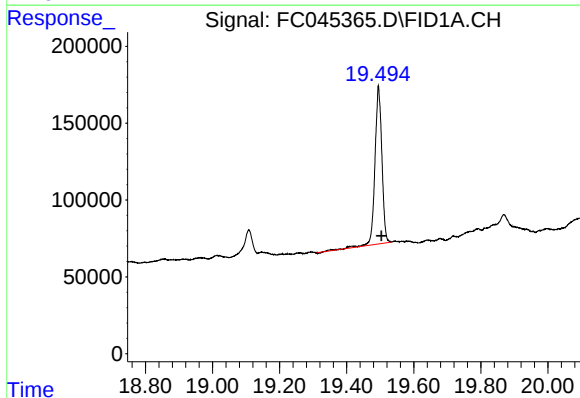
#17 n-Tricontane (C30)

R.T.: 17.886 min
Delta R.T.: -0.009 min
Response: 2076528
Conc: 20.37 ug/ml



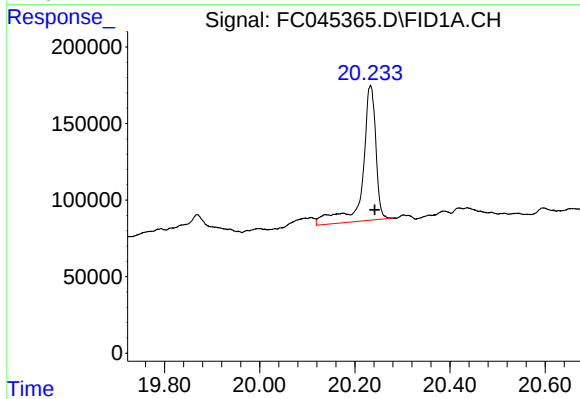
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: -0.010 min
Response: 1747664
Conc: 20.20 ug/ml



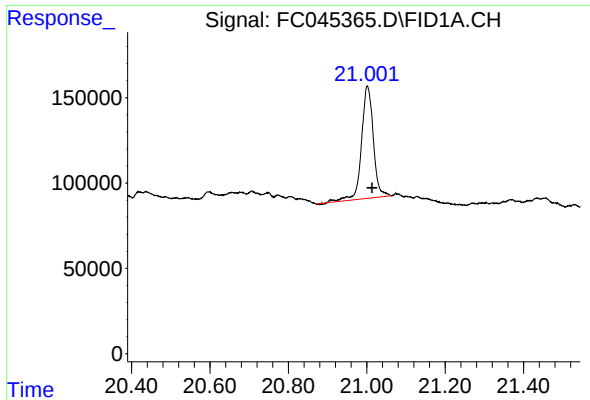
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: -0.010 min
Response: 1476674
Conc: 20.16 ug/ml



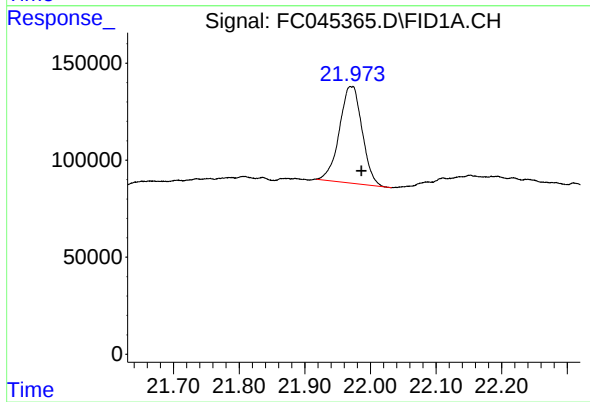
#20 n-Hexatriacontane (C36)

R.T.: 20.233 min
Delta R.T.: -0.009 min
Response: 1712150
Conc: 26.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.001 min
Delta R.T.: -0.012 min
Response: 1372307
Conc: 23.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.016 min
Response: 1194850
Conc: 20.20 ug/ml