

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022720AL\
 Data File : FC045997.D
 Signal(s) : FID1A.CH
 Acq On : 27 Feb 2020 21:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 00:49:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.767	2273670	19.931 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	13.186	1757947	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.535	2146767	21.297 ug/ml
2) T n-Decane (C10)	4.606	2169182	21.506 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2379209	21.427 ug/ml
4) T n-Dodecane (C12)	6.618	2195476	21.520 ug/ml
5) T A~2-methylnaphthalene...	7.260	2394404	21.525 ug/ml
6) T n-Tetradecane (C14)	8.405	2181644	21.312 ug/ml
7) T n-Hexadecane (C16)	10.000	2170999	20.968 ug/ml
8) T n-Octadecane (C18)	11.436	2152281	20.474 ug/ml
10) T n-Eicosane (C20)	12.740	2110144	19.962 ug/ml
11) T n-Heneicosane (C21)	13.350	2096057	19.652 ug/ml
13) T n-Docosane (C22)	13.934	2058698	19.375 ug/ml
14) T n-Tetracosane (C24)	15.033	2010589	18.786 ug/ml
15) T n-Hexacosane (C26)	16.051	1948309	18.331 ug/ml
16) T n-Octacosane (C28)	16.997	1898095	18.129 ug/ml
17) T n-Tricontane (C30)	17.881	1849156	18.350 ug/ml
18) T n-Dotriacontane (C32)	18.712	1593944	18.624 ug/ml
19) T n-Tetratriacontane (C34)	19.490	1369171	18.865 ug/ml
20) T n-Hexatriacontane (C36)	20.226	1313303	19.419 ug/ml
21) T n-Octatriacontane (C38)	20.995	1125101	18.615 ug/ml
22) T n-Tetracontane (C40)	21.961	1256296	19.982 ug/ml

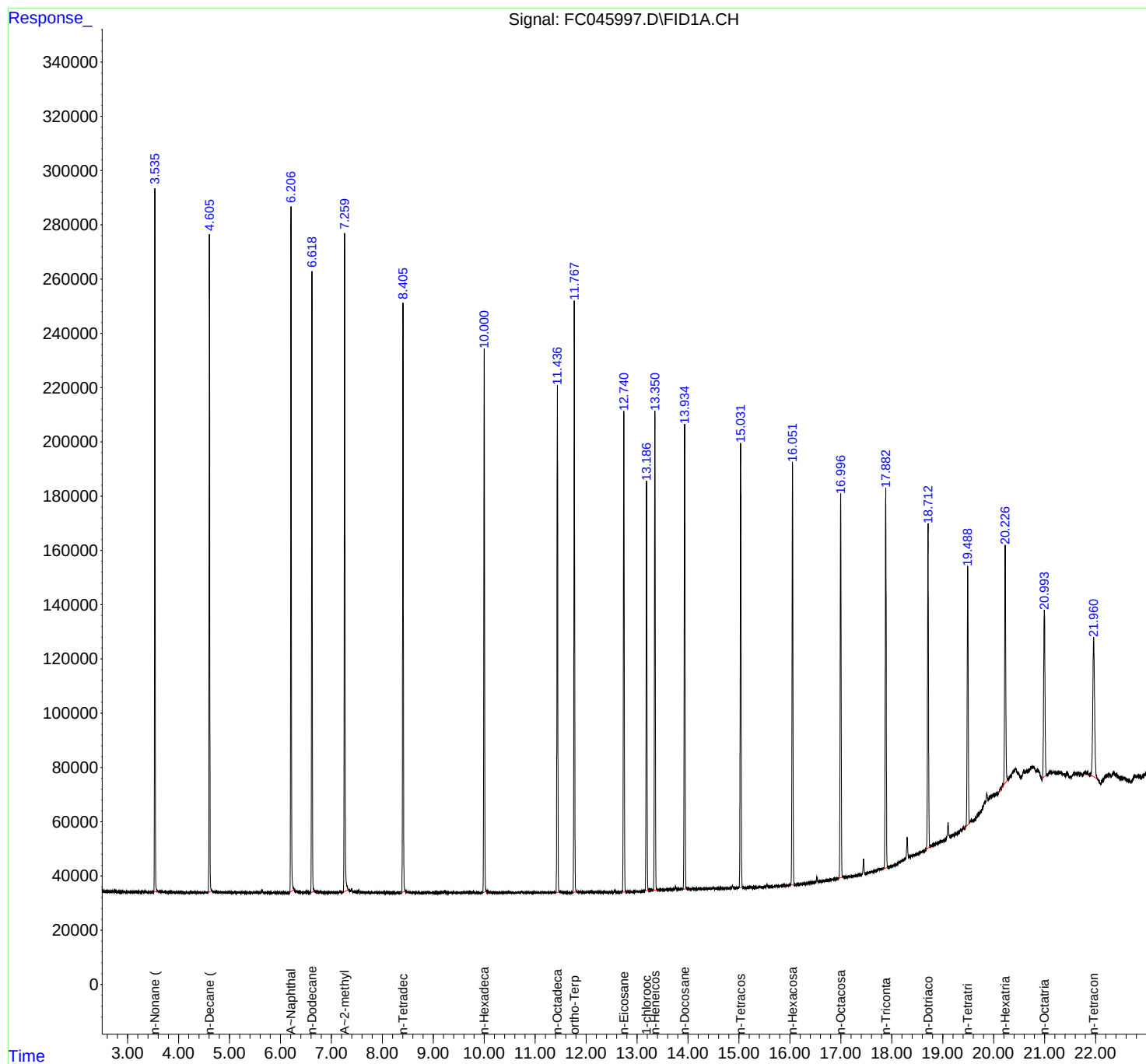
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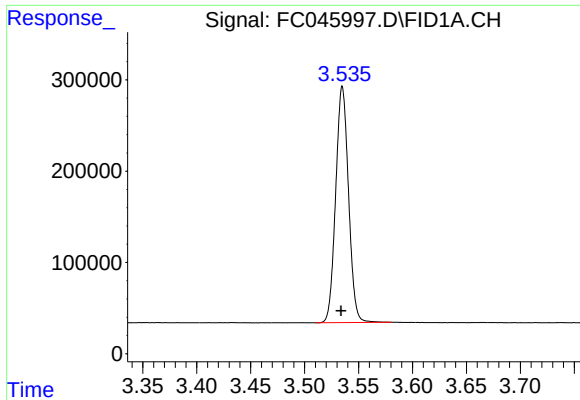
(m)=manual int.

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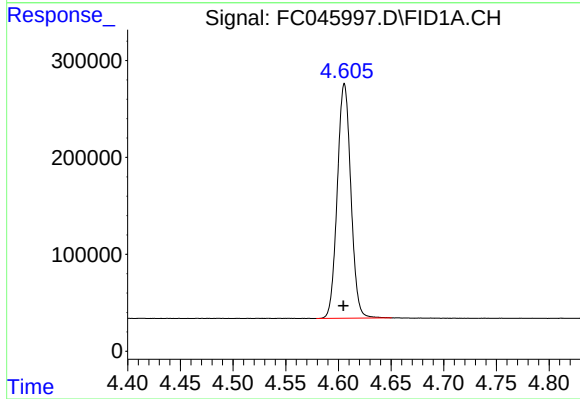
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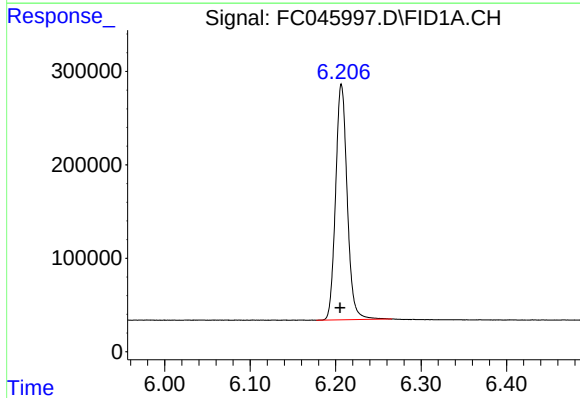
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: 0.001 min
Response: 2146767
Conc: 21.30 ug/ml



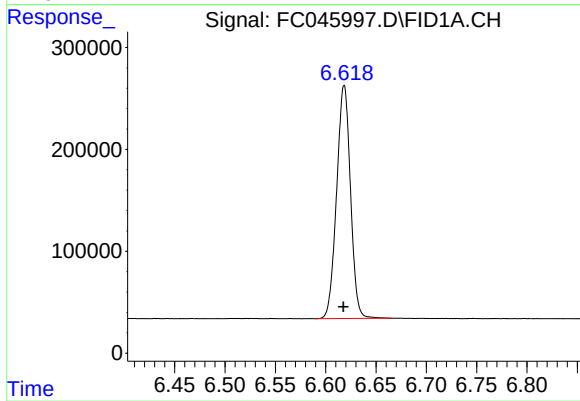
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2169182
Conc: 21.51 ug/ml



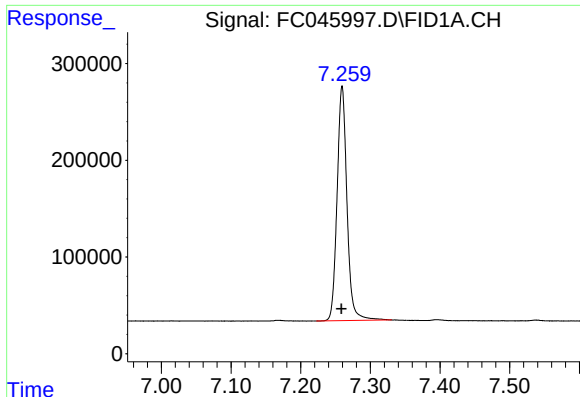
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2379209
Conc: 21.43 ug/ml



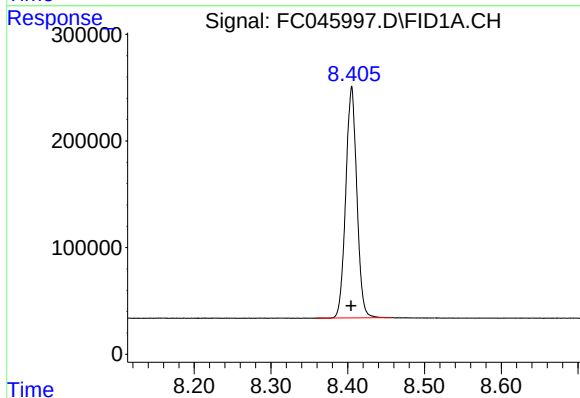
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2195476
Conc: 21.52 ug/ml



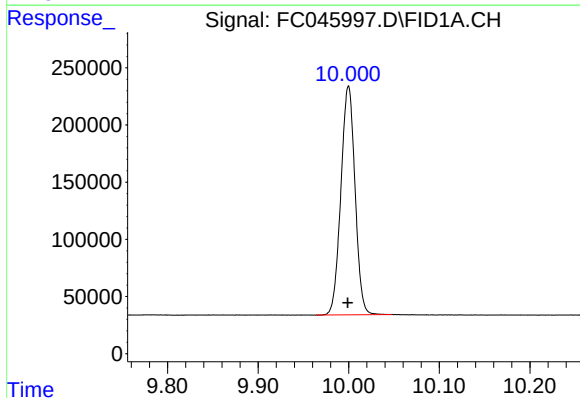
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 2394404
Conc: 21.53 ug/ml



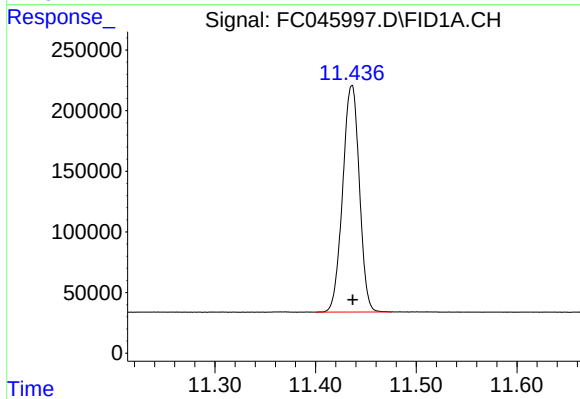
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 2181644
Conc: 21.31 ug/ml



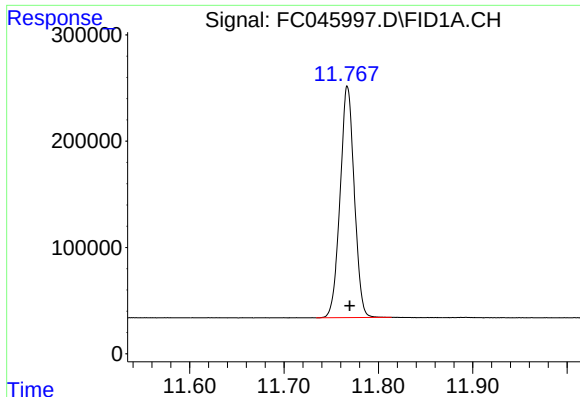
#7 n-Hexadecane (C16)

R.T.: 10.000 min
Delta R.T.: 0.000 min
Response: 2170999
Conc: 20.97 ug/ml



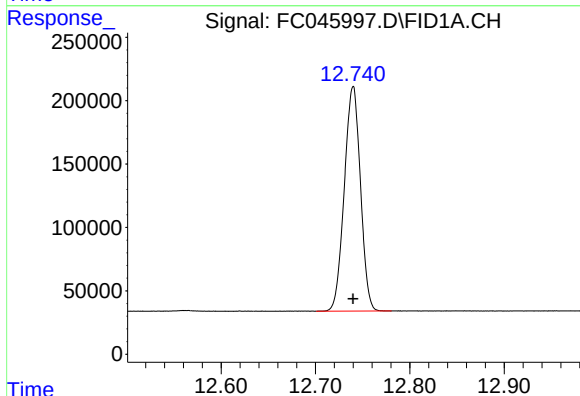
#8 n-Octadecane (C18)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 2152281
Conc: 20.47 ug/ml



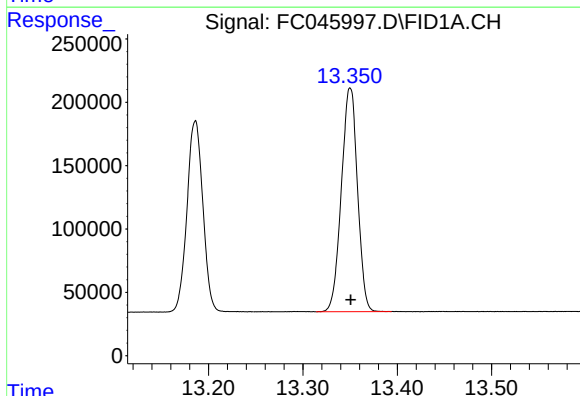
#9 ortho-Terphenyl (SURR)

R.T.: 11.767 min
Delta R.T.: -0.002 min
Response: 2273670
Conc: 19.93 ug/ml



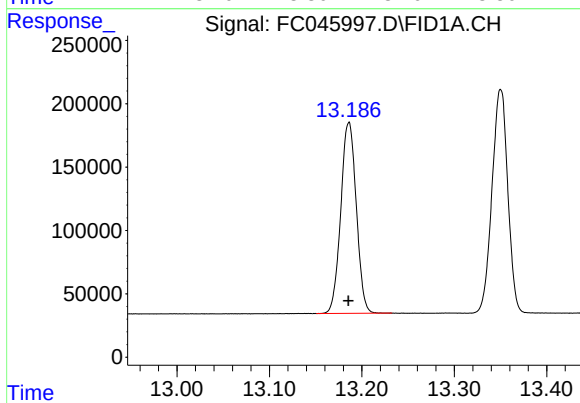
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 2110144
Conc: 19.96 ug/ml



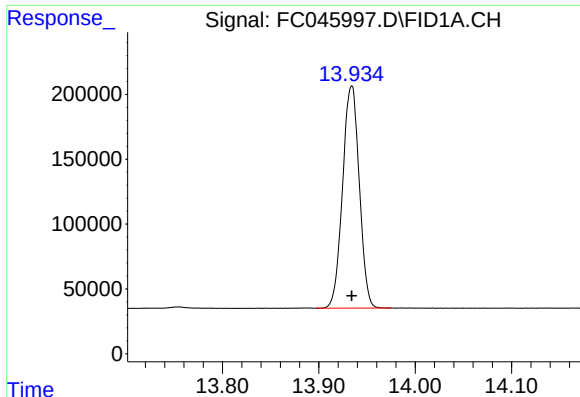
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: 0.000 min
Response: 2096057
Conc: 19.65 ug/ml



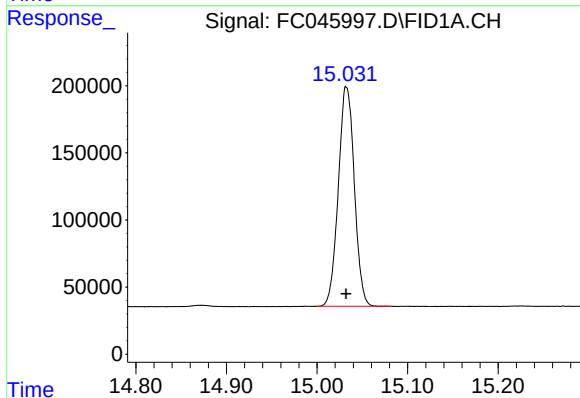
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 1757947
Conc: 19.60 ug/ml



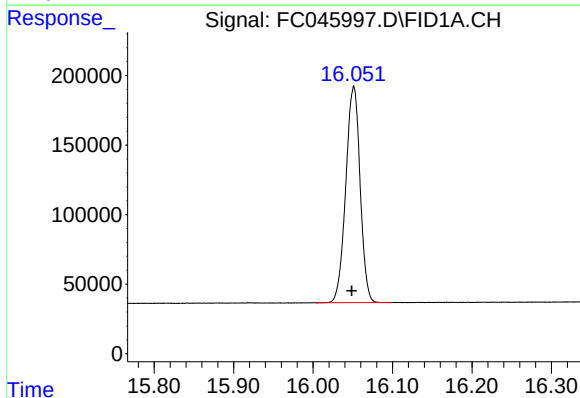
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: 0.000 min
Response: 2058698
Conc: 19.37 ug/ml



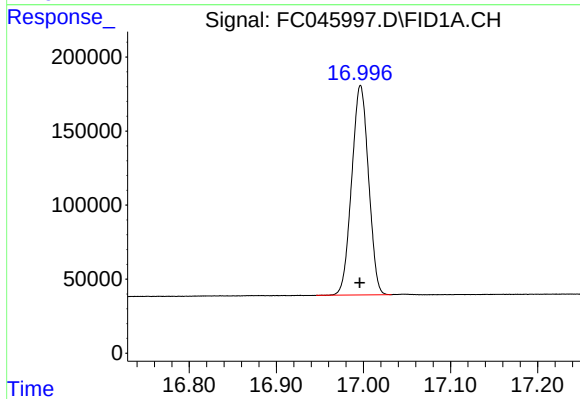
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: 0.000 min
Response: 2010589
Conc: 18.79 ug/ml



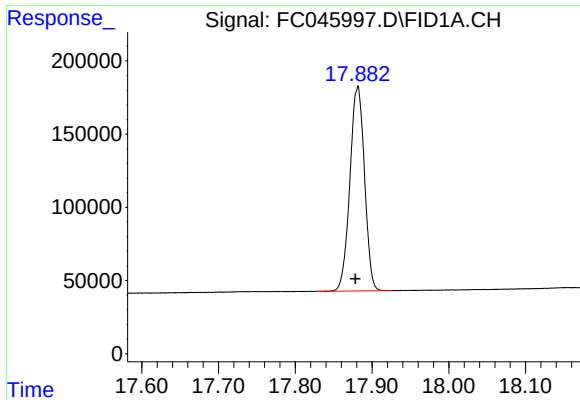
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.003 min
Response: 1948309
Conc: 18.33 ug/ml



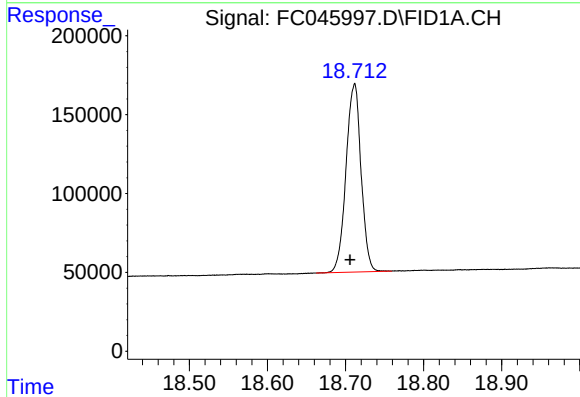
#16 n-Octacosane (C28)

R.T.: 16.997 min
Delta R.T.: 0.000 min
Response: 1898095
Conc: 18.13 ug/ml



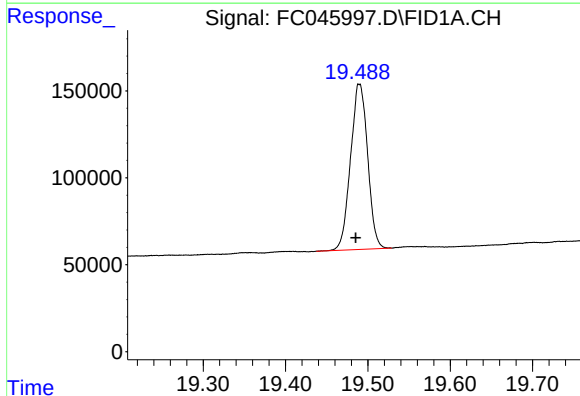
#17 n-Tricontane (C30)

R.T.: 17.881 min
Delta R.T.: 0.003 min
Response: 1849156
Conc: 18.35 ug/ml



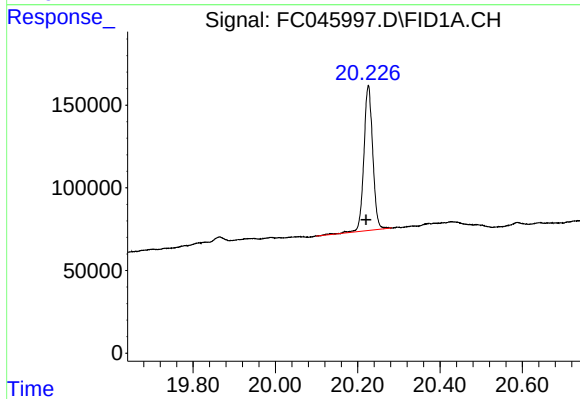
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: 0.006 min
Response: 1593944
Conc: 18.62 ug/ml



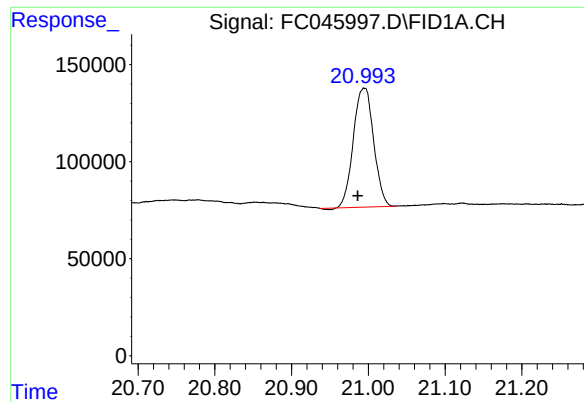
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min
Delta R.T.: 0.004 min
Response: 1369171
Conc: 18.86 ug/ml



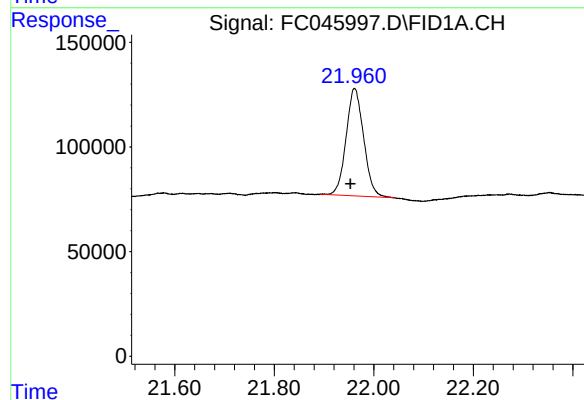
#20 n-Hexatriacontane (C36)

R.T.: 20.226 min
Delta R.T.: 0.005 min
Response: 1313303
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: 0.009 min
Response: 1125101
Conc: 18.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: 0.008 min
Response: 1256296
Conc: 19.98 ug/ml