

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013020AL\
 Data File : FC045564.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 1:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 31 07:25:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.771	2224606	20.237 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.192	1713277	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.527	2179856	22.537 ug/ml
2) T n-Decane (C10)	4.599	2248036	23.211 ug/ml
3) T A~Naphthalene (C11.7)	6.203	2433466	22.784 ug/ml
4) T n-Dodecane (C12)	6.615	2258514	23.103 ug/ml
5) T A~2-methylnaphthalene...	7.258	2450012	22.856 ug/ml
6) T n-Tetradecane (C14)	8.405	2227485	22.604 ug/ml
7) T n-Hexadecane (C16)	10.001	2192533	21.900 ug/ml
8) T n-Octadecane (C18)	11.439	2147923	21.088 ug/ml
10) T n-Eicosane (C20)	12.744	2078364	20.266 ug/ml
11) T n-Heneicosane (C21)	13.355	2053801	19.842 ug/ml
13) T n-Docosane (C22)	13.941	2028718	19.662 ug/ml
14) T n-Tetracosane (C24)	15.040	1961930	18.880 ug/ml
15) T n-Hexacosane (C26)	16.058	1924018	18.623 ug/ml
16) T n-Octacosane (C28)	17.006	1914246	18.728 ug/ml
17) T n-Tricontane (C30)	17.891	1923389	19.593 ug/ml
18) T n-Dotriacontane (C32)	18.719	1703272	20.470 ug/mlm
19) T n-Tetratriacontane (C34)	19.501	1542696	21.800 ug/mlm
20) T n-Hexatriacontane (C36)	20.240	1463639	22.827 ug/mlm
21) T n-Octatriacontane (C38)	21.012	1424562	24.356 ug/mlm
22) T n-Tetracontane (C40)	21.985	1088503	18.452 ug/ml

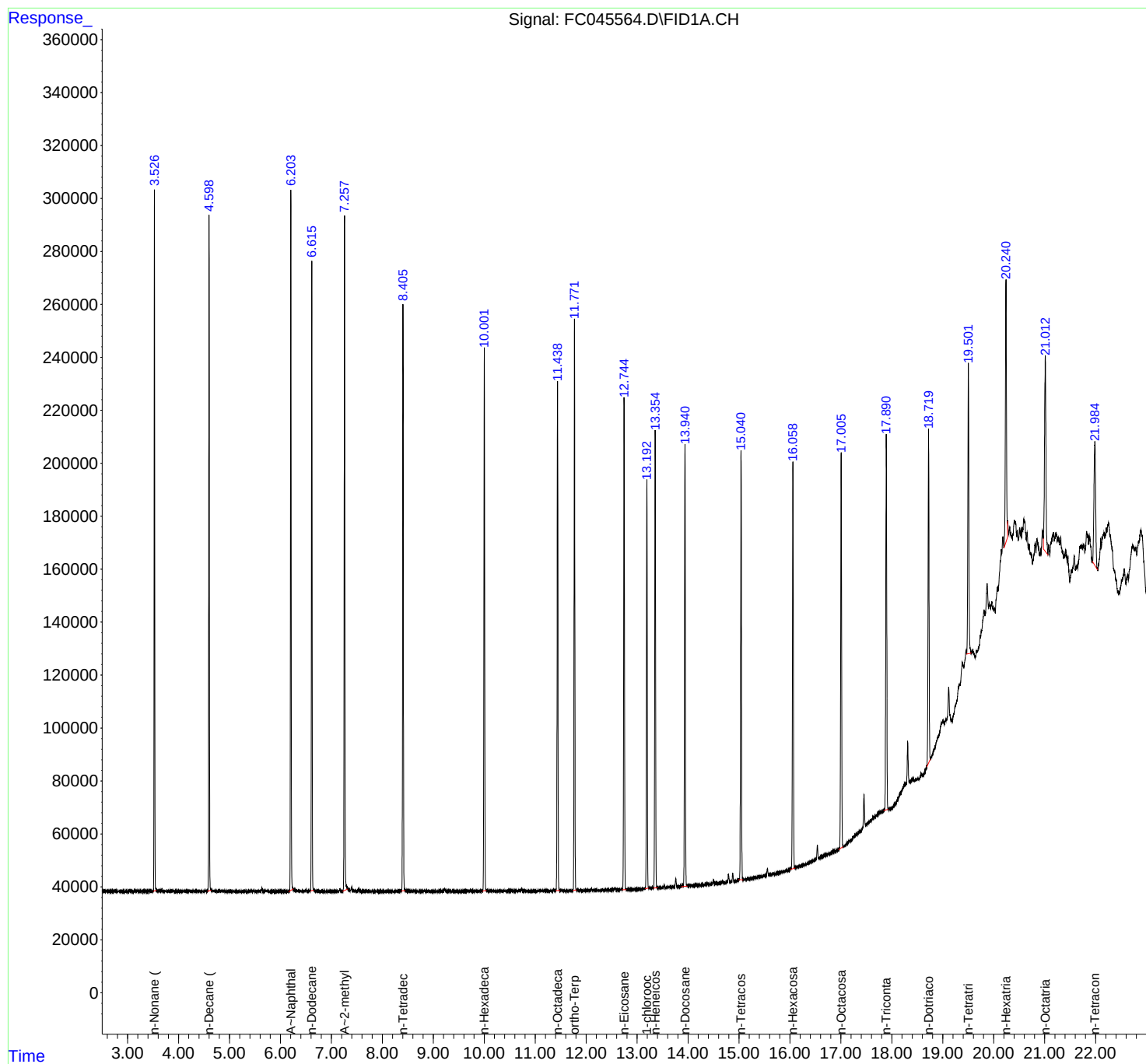
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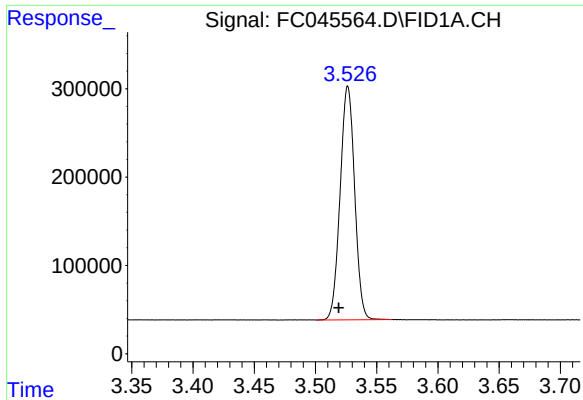
(m)=manual int.

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QLast Update : Wed Jan 22 04:15:47 2020
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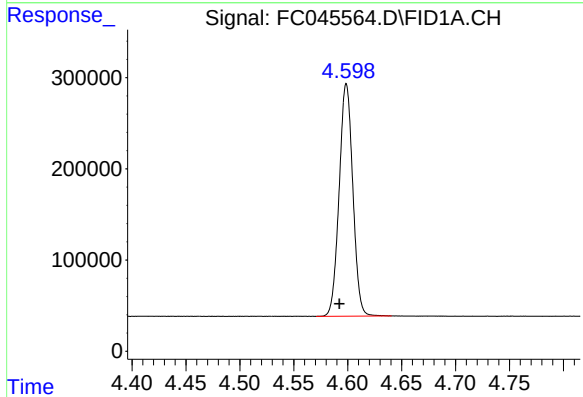
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





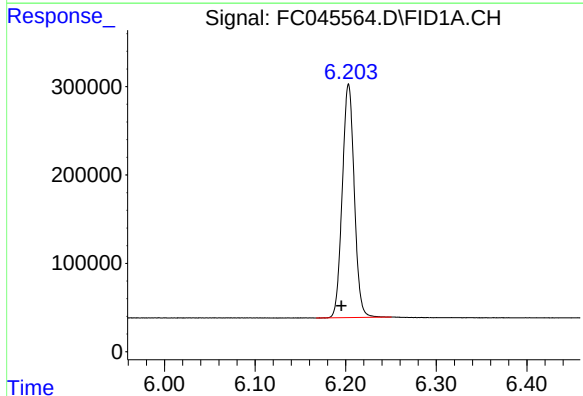
#1 n-Nonane (C9)

R.T.: 3.527 min
Delta R.T.: 0.008 min
Response: 2179856
Conc: 22.54 ug/ml



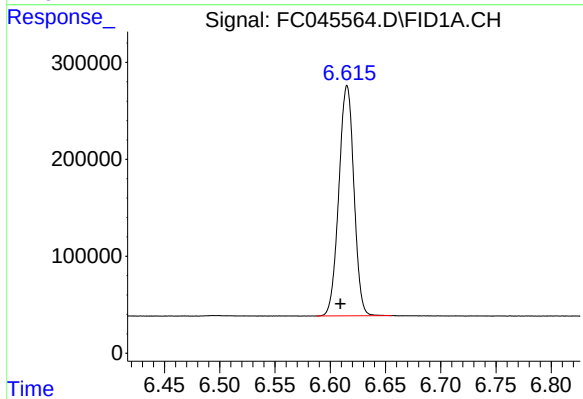
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.006 min
Response: 2248036
Conc: 23.21 ug/ml



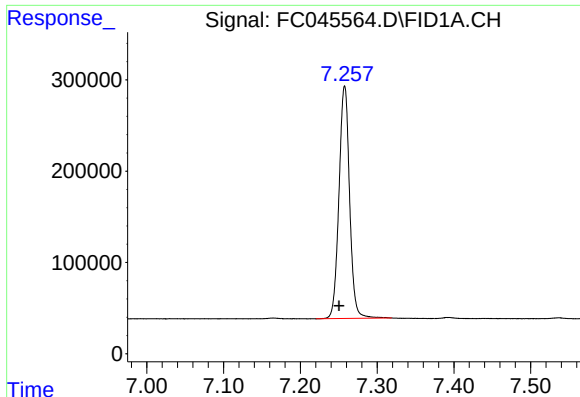
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.008 min
Response: 2433466
Conc: 22.78 ug/ml



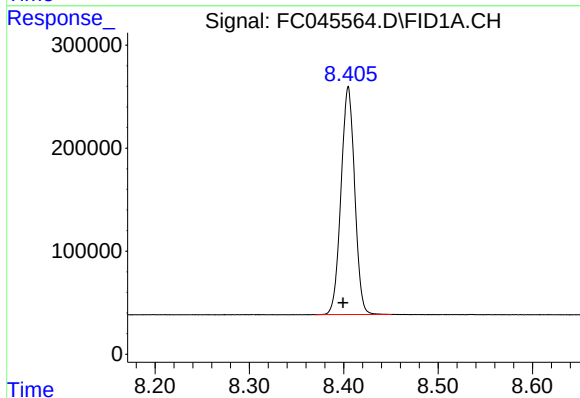
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 2258514
Conc: 23.10 ug/ml



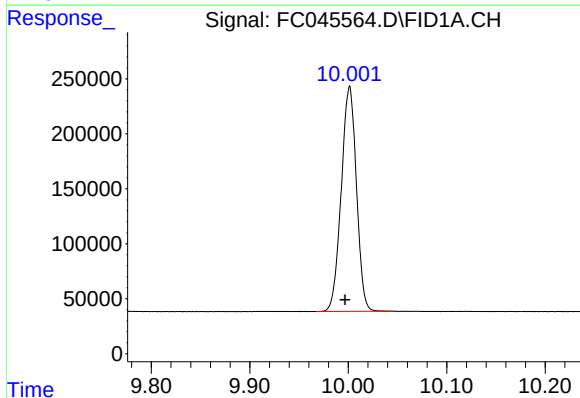
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.007 min
Response: 2450012
Conc: 22.86 ug/ml



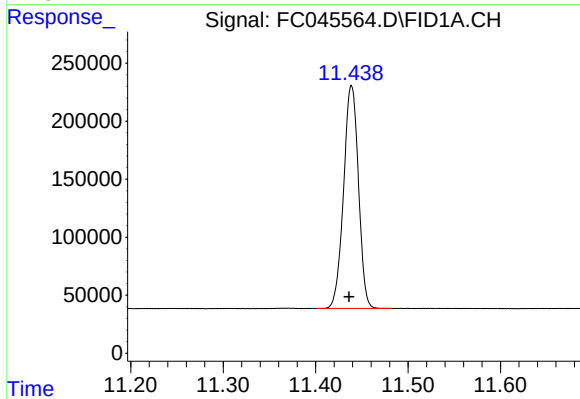
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.005 min
Response: 2227485
Conc: 22.60 ug/ml



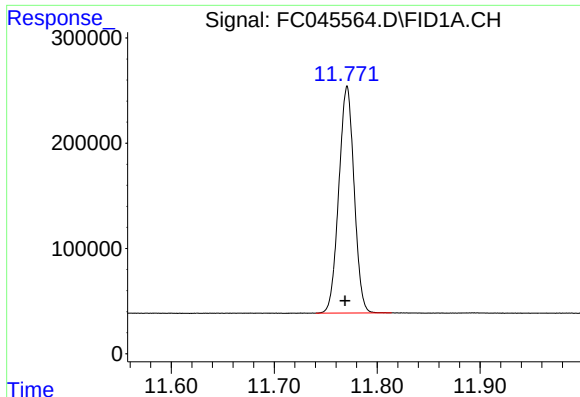
#7 n-Hexadecane (C16)

R.T.: 10.001 min
Delta R.T.: 0.005 min
Response: 2192533
Conc: 21.90 ug/ml



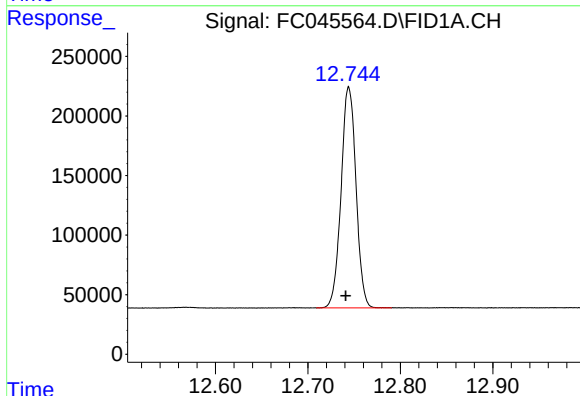
#8 n-Octadecane (C18)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 2147923
Conc: 21.09 ug/ml



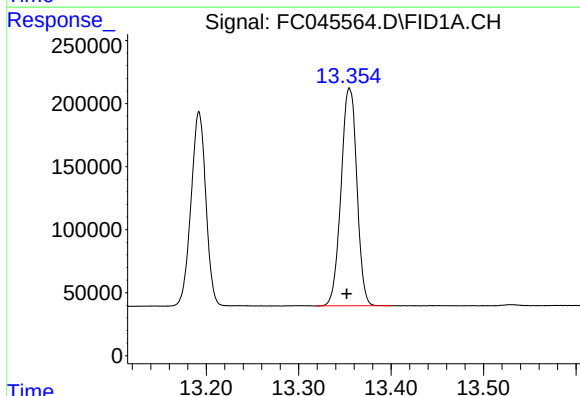
#9 ortho-Terphenyl (SURR)

R.T.: 11.771 min
Delta R.T.: 0.002 min
Response: 2224606
Conc: 20.24 ug/ml



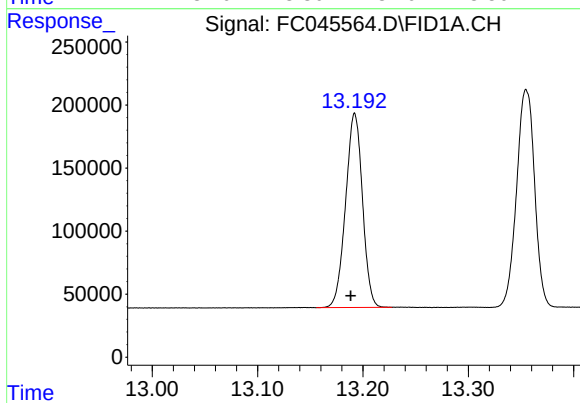
#10 n-Eicosane (C20)

R.T.: 12.744 min
Delta R.T.: 0.003 min
Response: 2078364
Conc: 20.27 ug/ml



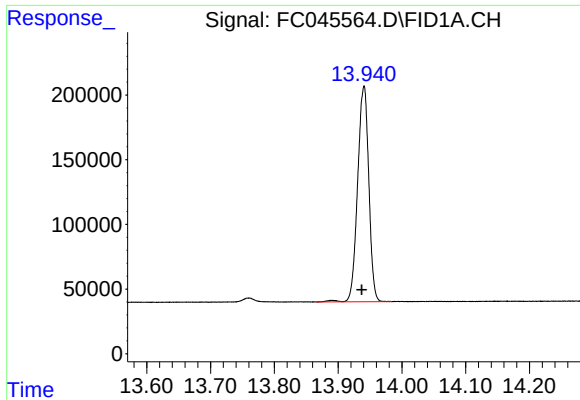
#11 n-Heneicosane (C21)

R.T.: 13.355 min
Delta R.T.: 0.003 min
Response: 2053801
Conc: 19.84 ug/ml



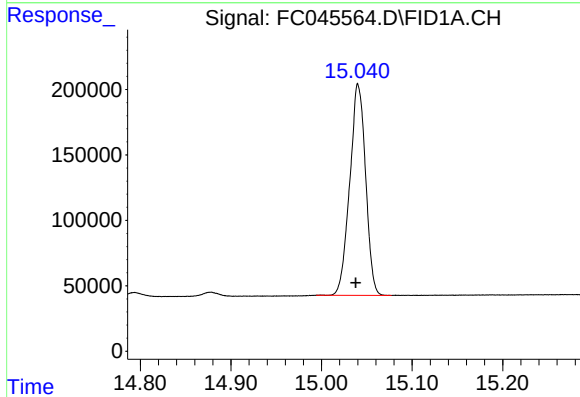
#12 1-chlorooctadecane (SURR)

R.T.: 13.192 min
Delta R.T.: 0.004 min
Response: 1713277
Conc: 19.71 ug/ml



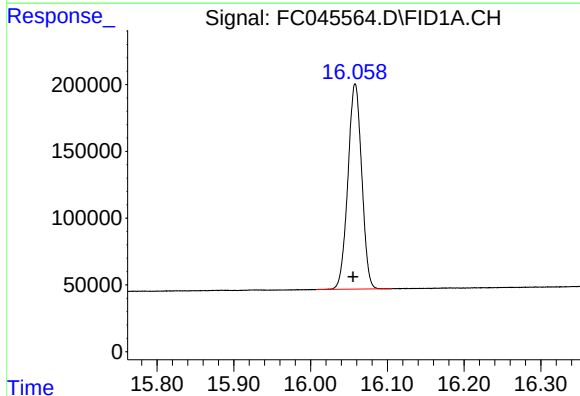
#13 n-Docosane (C22)

R.T.: 13.941 min
Delta R.T.: 0.004 min
Response: 2028718
Conc: 19.66 ug/ml



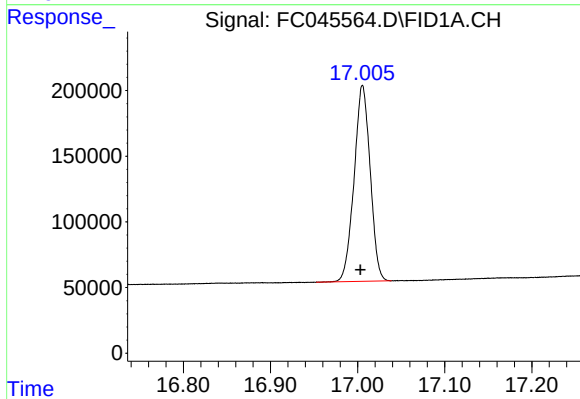
#14 n-Tetracosane (C24)

R.T.: 15.040 min
Delta R.T.: 0.003 min
Response: 1961930
Conc: 18.88 ug/ml



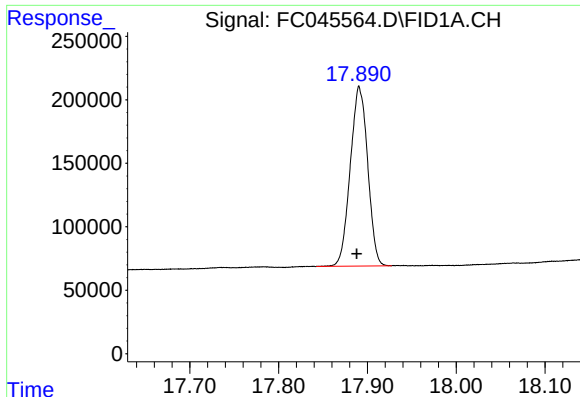
#15 n-Hexacosane (C26)

R.T.: 16.058 min
Delta R.T.: 0.003 min
Response: 1924018
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.006 min
Delta R.T.: 0.002 min
Response: 1914246
Conc: 18.73 ug/ml



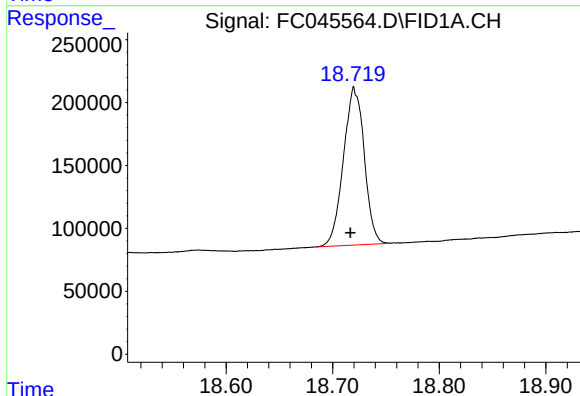
#17 n-Tricontane (C30)

R.T.: 17.891 min

Delta R.T.: 0.003 min

Response: 1923389

Conc: 19.59 ug/ml



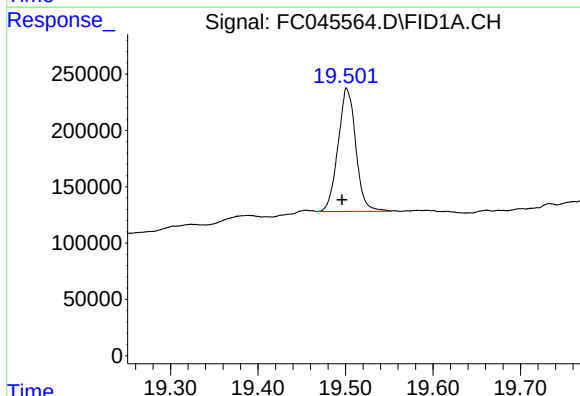
#18 n-Dotriacontane (C32)

R.T.: 18.719 min

Delta R.T.: 0.003 min

Response: 1703272

Conc: 20.47 ug/ml m



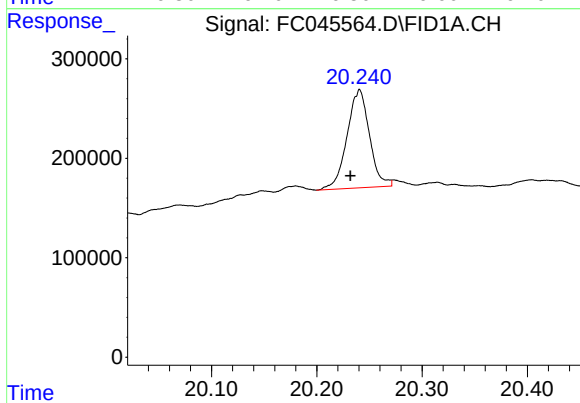
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min

Delta R.T.: 0.004 min

Response: 1542696

Conc: 21.80 ug/ml m



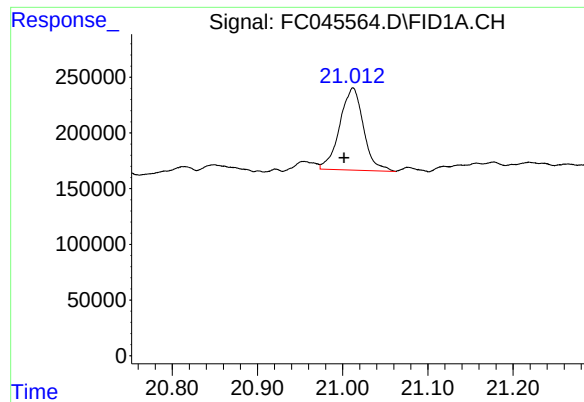
#20 n-Hexatriacontane (C36)

R.T.: 20.240 min

Delta R.T.: 0.008 min

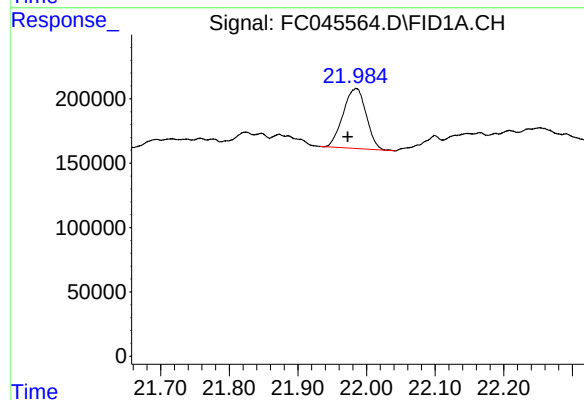
Response: 1463639

Conc: 22.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.010 min
Response: 1424562
Conc: 24.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: 0.013 min
Response: 1088503
Conc: 18.45 ug/ml