

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111419AL\
 Data File : FC044532.D
 Signal(s) : FID1A.CH
 Acq On : 14 Nov 2019 9:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 15 02:20:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.721	2515139	17.255 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
12) S 1-chlorooctadecane (S...	13.150	1894414	16.943 ug/ml
Spiked Amount 50.000		Recovery =	33.89%
Target Compounds			
1) T n-Nonane (C9)	3.453	2441104	22.160 ug/ml
2) T n-Decane (C10)	4.529	2486243	22.384 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2740019	22.022 ug/ml
4) T n-Dodecane (C12)	6.554	2494167	22.177 ug/ml
5) T A~2-methylnaphthalene...	7.190	2738053	21.713 ug/ml
6) T n-Tetradecane (C14)	8.350	2463688	21.776 ug/ml
7) T n-Hexadecane (C16)	9.951	2424984	21.223 ug/ml
8) T n-Octadecane (C18)	11.393	2359867	20.611 ug/ml
10) T n-Eicosane (C20)	12.702	2280067	19.992 ug/ml
11) T n-Heneicosane (C21)	13.315	2233126	19.469 ug/ml
13) T n-Docosane (C22)	13.901	2201139	19.383 ug/ml
14) T n-Tetracosane (C24)	15.004	2123295	18.777 ug/ml
15) T n-Hexacosane (C26)	16.025	2078382	18.785 ug/ml
16) T n-Octacosane (C28)	16.976	2083665	19.235 ug/ml
17) T n-Tricontane (C30)	17.863	2098032	19.824 ug/ml
18) T n-Dotriacontane (C32)	18.697	2076787	20.621 ug/ml
19) T n-Tetratriacontane (C34)	19.481	2057246	21.940 ug/ml
20) T n-Hexatriacontane (C36)	20.221	1958870	22.565 ug/mlm
21) T n-Octatriacontane (C38)	20.988	1871411	23.207 ug/mlm
22) T n-Tetracontane (C40)	21.950	1910268	22.599 ug/ml

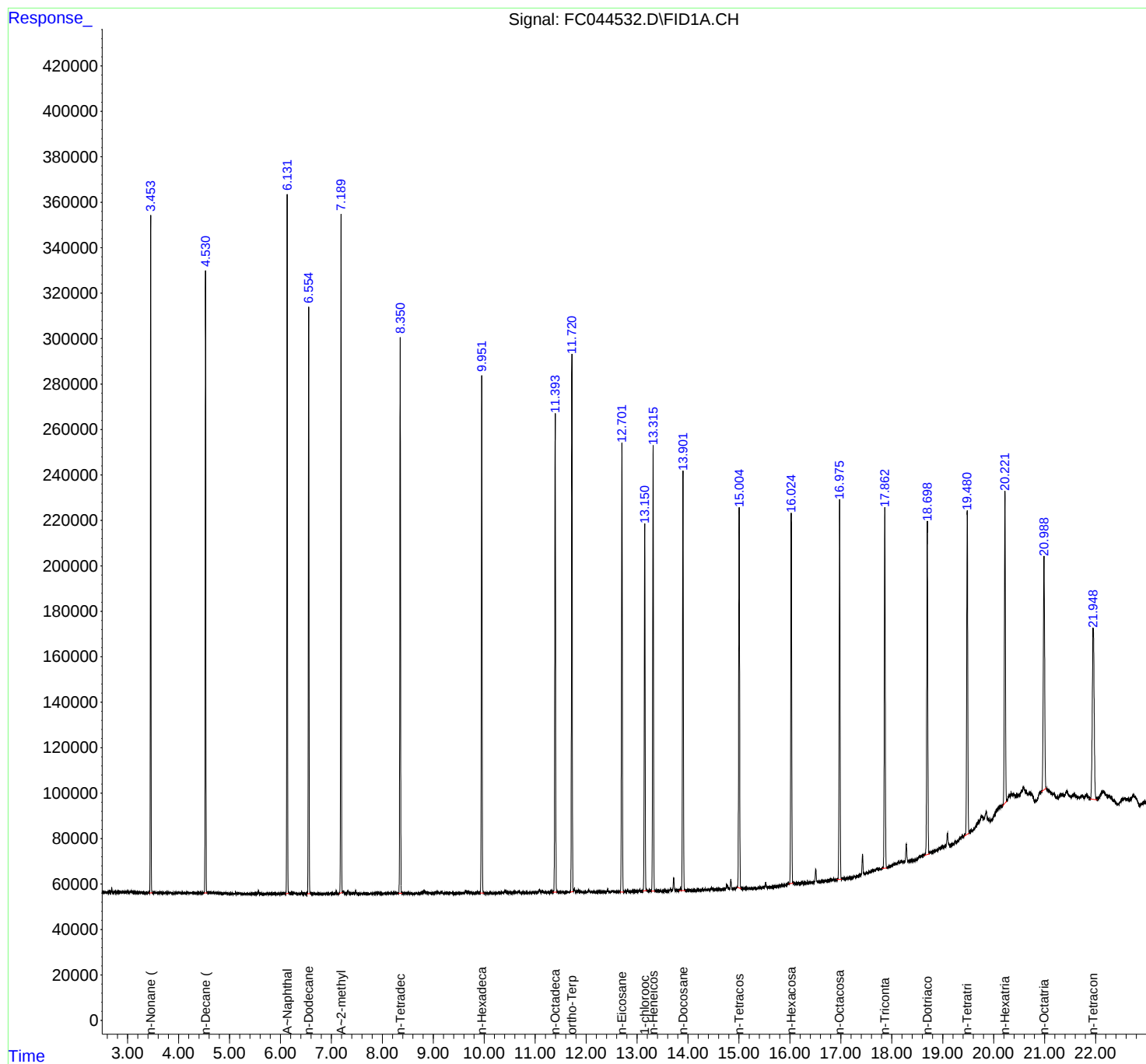
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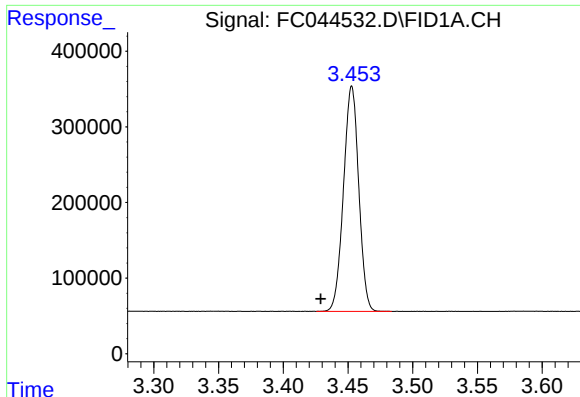
(m)=manual int.

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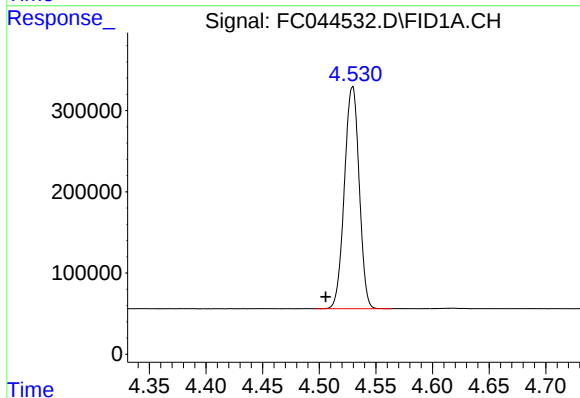
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





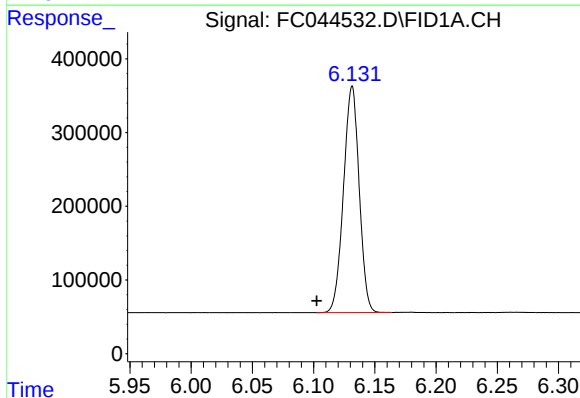
#1 n-Nonane (C9)

R.T.: 3.453 min
Delta R.T.: 0.024 min
Response: 2441104
Conc: 22.16 ug/ml



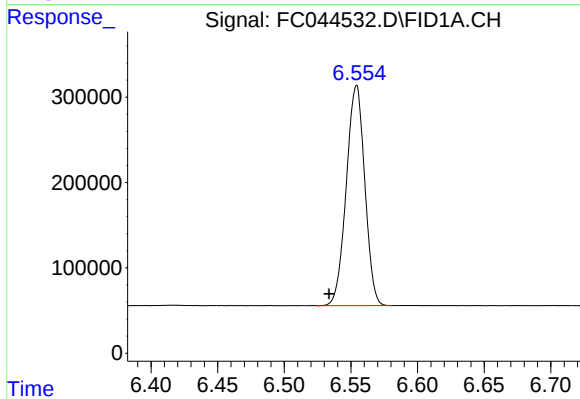
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: 2486243
Conc: 22.38 ug/ml



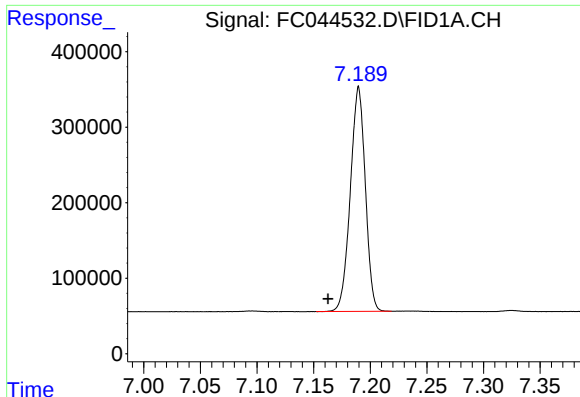
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: 0.029 min
Response: 2740019
Conc: 22.02 ug/ml



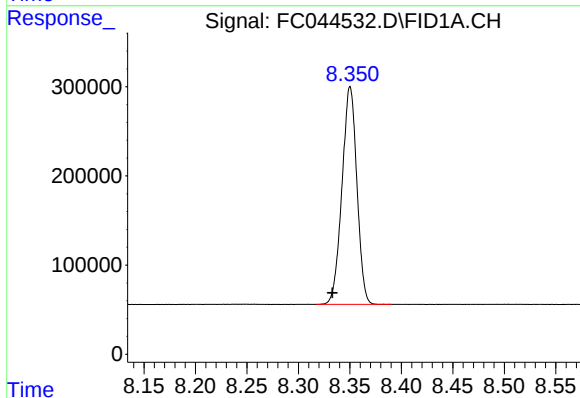
#4 n-Dodecane (C12)

R.T.: 6.554 min
Delta R.T.: 0.021 min
Response: 2494167
Conc: 22.18 ug/ml



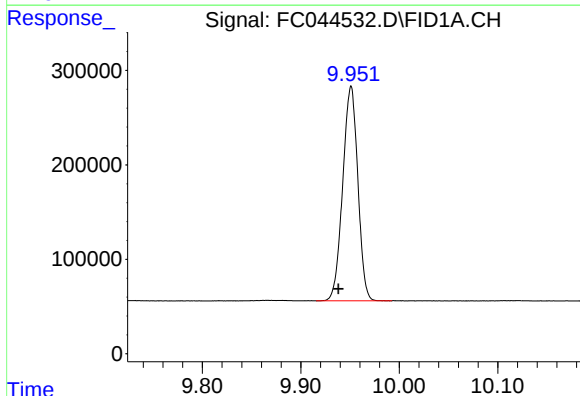
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: 0.027 min
Response: 2738053
Conc: 21.71 ug/ml



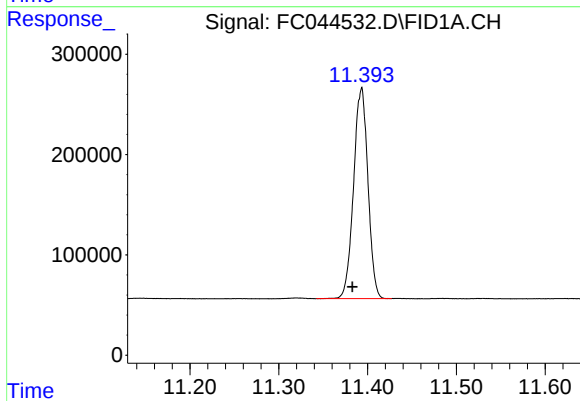
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.017 min
Response: 2463688
Conc: 21.78 ug/ml



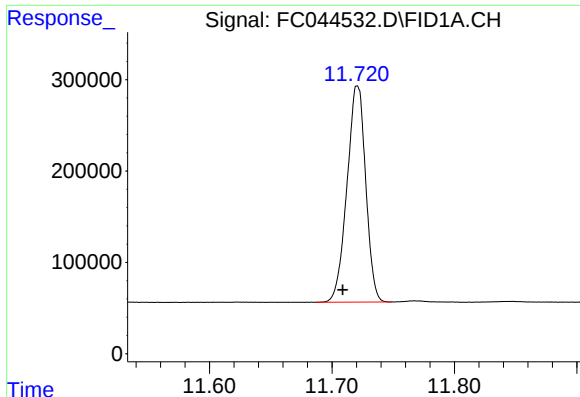
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.013 min
Response: 2424984
Conc: 21.22 ug/ml



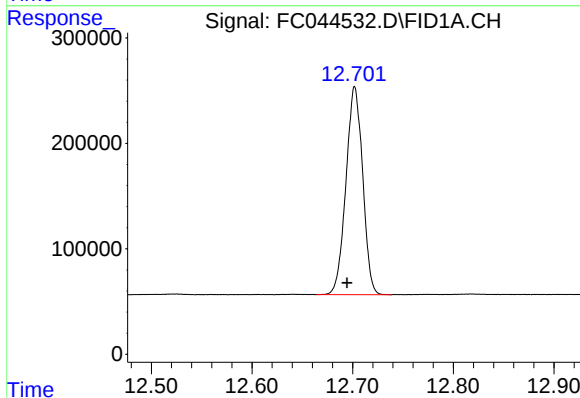
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.010 min
Response: 2359867
Conc: 20.61 ug/ml



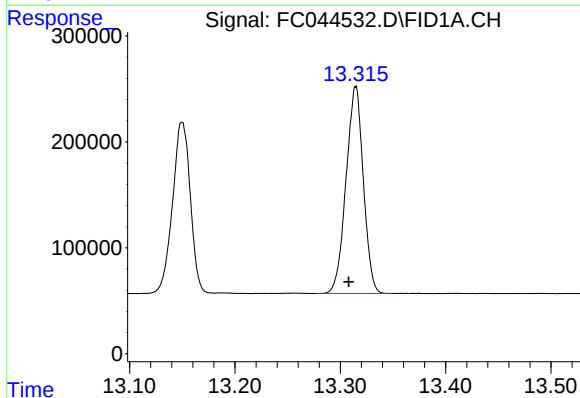
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min
Delta R.T.: 0.012 min
Response: 2515139
Conc: 17.26 ug/ml



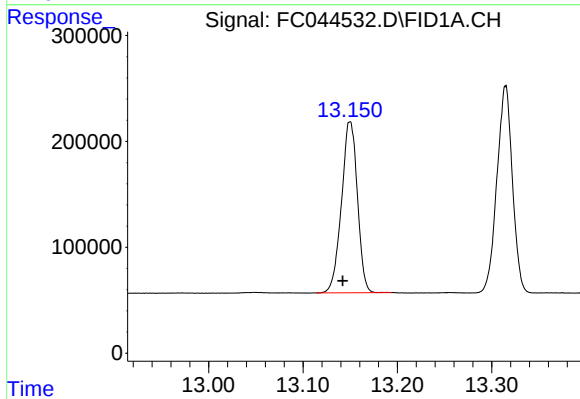
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 2280067
Conc: 19.99 ug/ml



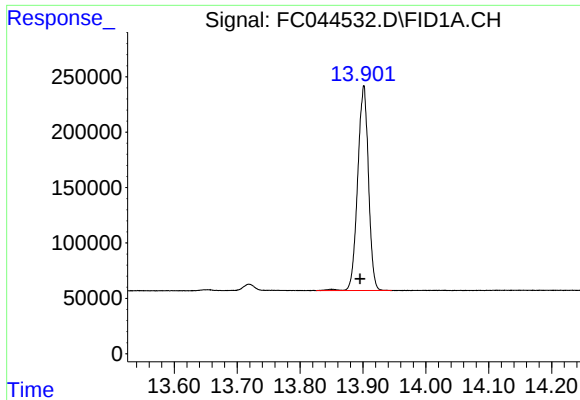
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.007 min
Response: 2233126
Conc: 19.47 ug/ml



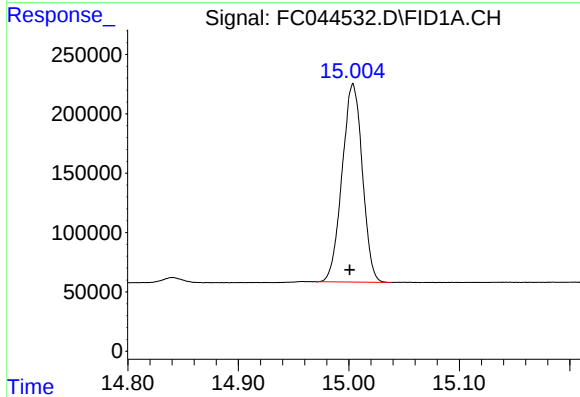
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1894414
Conc: 16.94 ug/ml



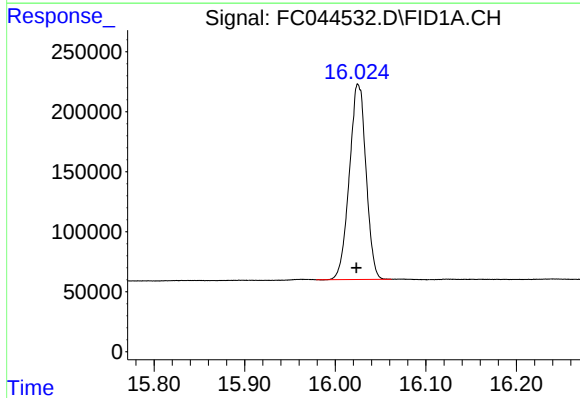
#13 n-Docosane (C22)

R.T.: 13.901 min
Delta R.T.: 0.006 min
Response: 2201139
Conc: 19.38 ug/ml



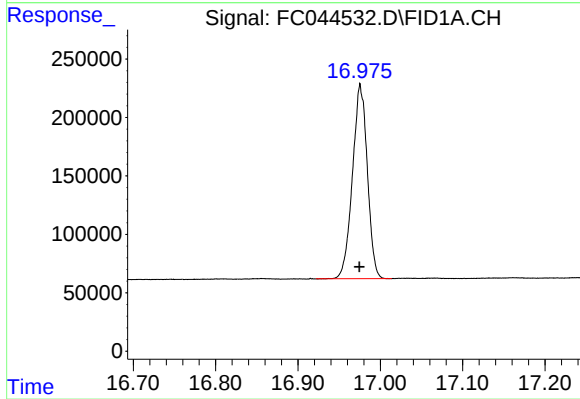
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: 0.003 min
Response: 2123295
Conc: 18.78 ug/ml



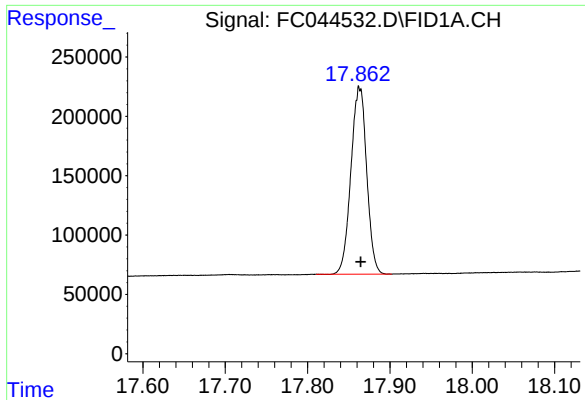
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 2078382
Conc: 18.79 ug/ml



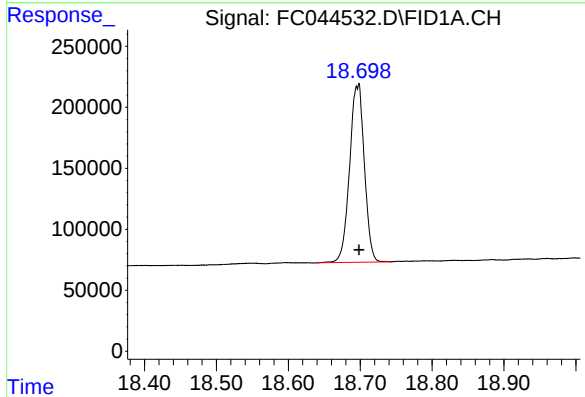
#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 2083665
Conc: 19.23 ug/ml



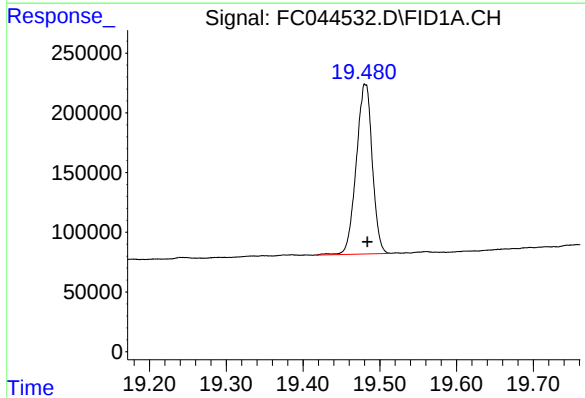
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.001 min
Response: 2098032
Conc: 19.82 ug/ml



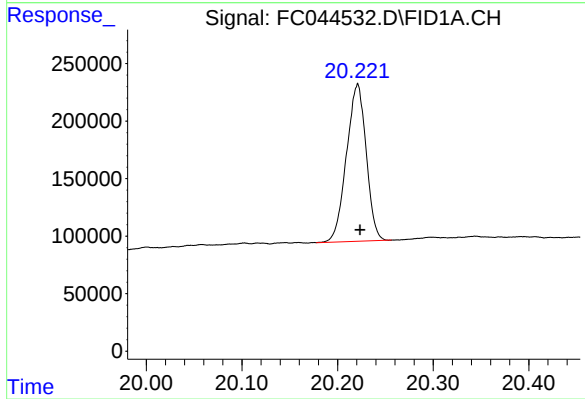
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: -0.001 min
Response: 2076787
Conc: 20.62 ug/ml



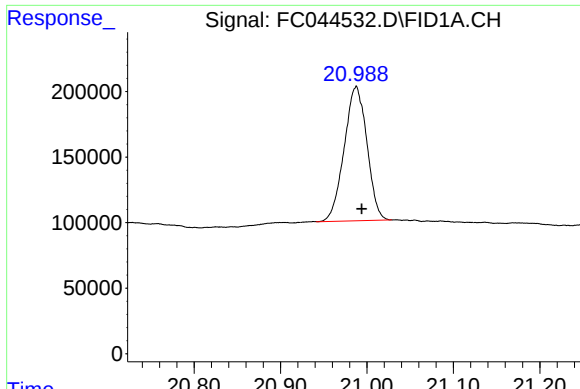
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.003 min
Response: 2057246
Conc: 21.94 ug/ml



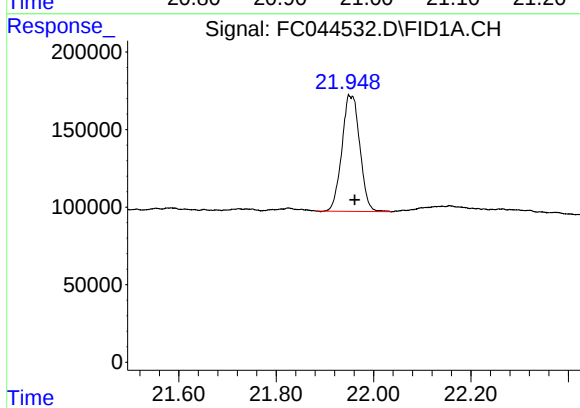
#20 n-Hexatriacontane (C36)

R.T.: 20.221 min
Delta R.T.: -0.003 min
Response: 1958870
Conc: 22.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.006 min
Response: 1871411
Conc: 23.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.012 min
Response: 1910268
Conc: 22.60 ug/ml