

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020322AL\
 Data File : FE034836.D
 Signal(s) : FID1B.CH
 Acq On : 03 Feb 2022 20:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 22:59:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 2022
 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)	11.062	2491904	19.420 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	12.495	1886666	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	2.910	2287007	20.062 ug/ml
2) T n-Decane (C10)	3.940	2322581	20.195 ug/ml
3) T A~Naphthalene (C11.7)	5.500	2566048	19.995 ug/ml
4) T n-Dodecane (C12)	5.936	2303278	20.074 ug/ml
5) T A~2-methylnaphthalene...	6.548	2565013	19.902 ug/ml
6) T n-Tetradecane (C14)	7.722	2315909	20.019 ug/ml
7) T n-Hexadecane (C16)	9.317	2286276	19.952 ug/ml
8) T n-Octadecane (C18)	10.752	2281562	19.805 ug/ml
10) T n-Eicosane (C20)	12.056	2202877	19.682 ug/ml
11) T n-Heneicosane (C21)	12.664	2189724	19.542 ug/ml
13) T n-Docosane (C22)	13.249	2144559	19.469 ug/ml
14) T n-Tetracosane (C24)	14.346	2095989	19.347 ug/ml
15) T n-Hexacosane (C26)	15.362	2038270	19.484 ug/ml
16) T n-Octacosane (C28)	16.308	2042440	20.011 ug/ml
17) T n-Tricontane (C30)	17.192	2062277	20.867 ug/ml
18) T n-Dotriacontane (C32)	18.020	1966739	21.413 ug/ml
19) T n-Tetratriacontane (C34)	18.801	1847383	21.210 ug/ml
20) T n-Hexatriacontane (C36)	19.537	1670617	20.306 ug/ml
21) T n-Octatriacontane (C38)	20.244	1713116	21.611 ug/ml
22) T n-Tetracontane (C40)	21.070	2071336	25.682 ug/ml

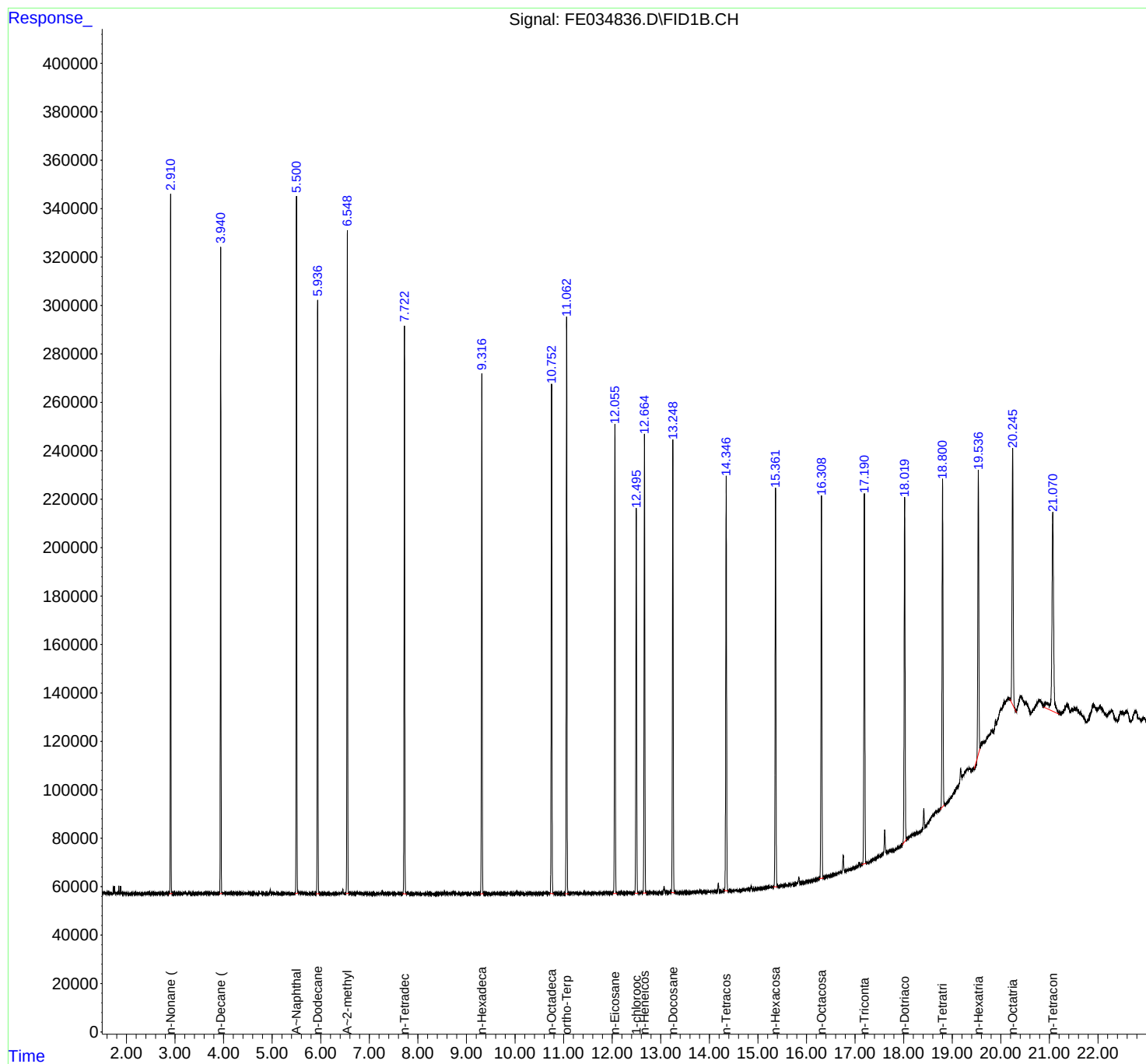
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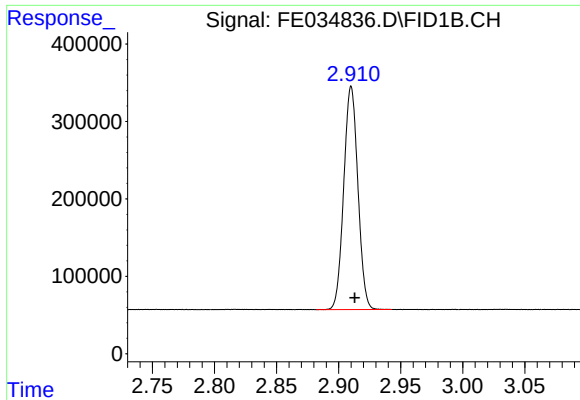
(m)=manual int.

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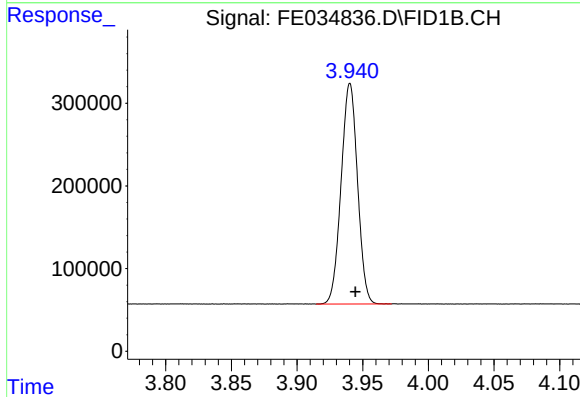
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Signal Info : 20M x 0.18mm x 0.18um





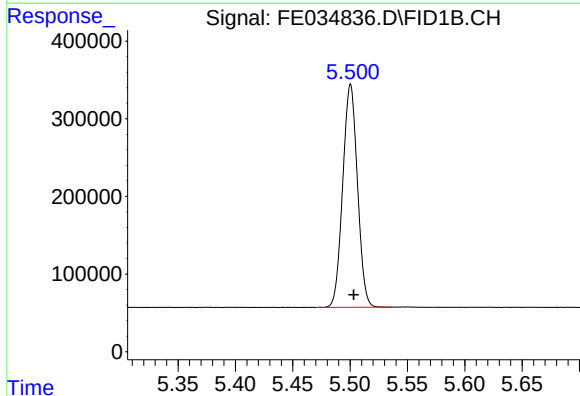
#1 n-Nonane (C9)

R.T.: 2.910 min
Delta R.T.: -0.003 min
Response: 2287007
Conc: 20.06 ug/ml



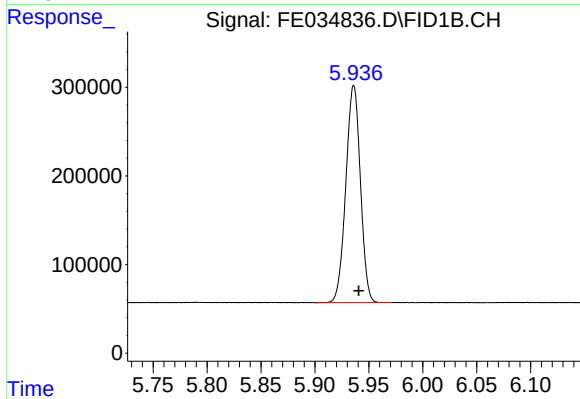
#2 n-Decane (C10)

R.T.: 3.940 min
Delta R.T.: -0.004 min
Response: 2322581
Conc: 20.19 ug/ml



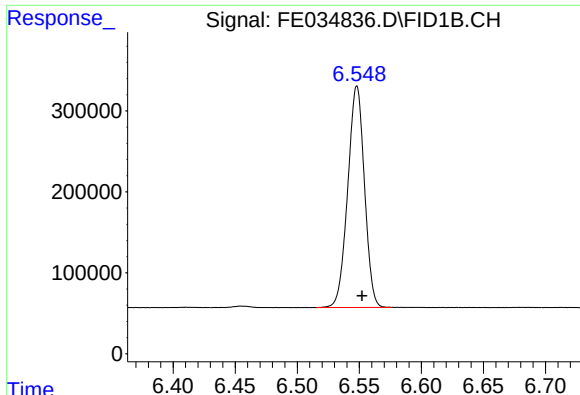
#3 A~Naphthalene (C11.7)

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 2566048
Conc: 20.00 ug/ml



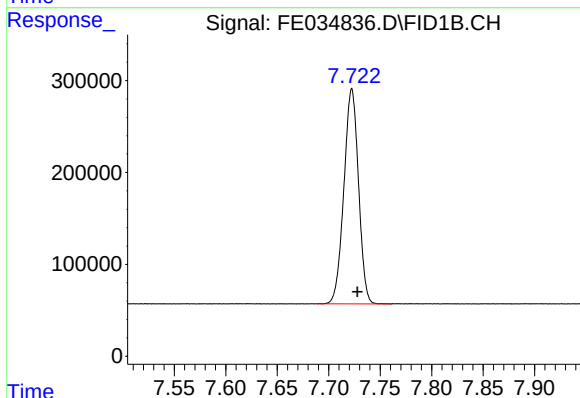
#4 n-Dodecane (C12)

R.T.: 5.936 min
Delta R.T.: -0.005 min
Response: 2303278
Conc: 20.07 ug/ml



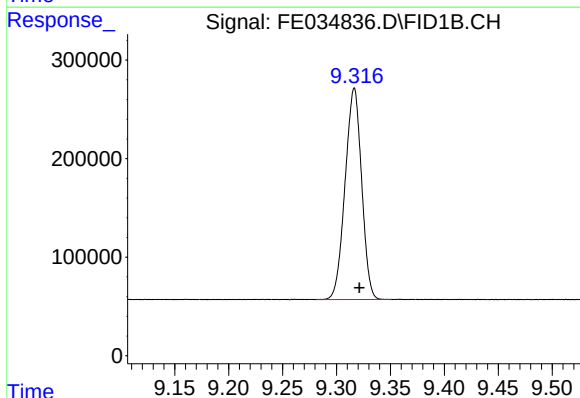
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 2565013
Conc: 19.90 ug/ml



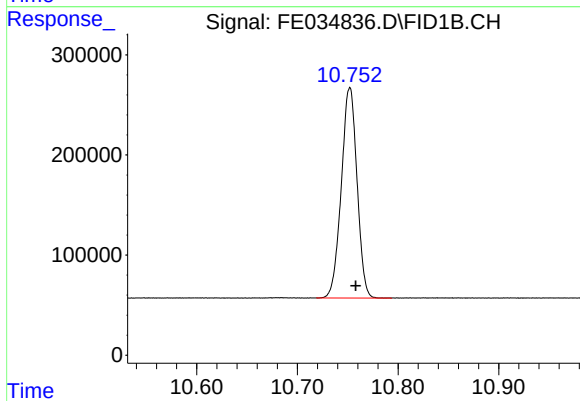
#6 n-Tetradecane (C14)

R.T.: 7.722 min
Delta R.T.: -0.005 min
Response: 2315909
Conc: 20.02 ug/ml



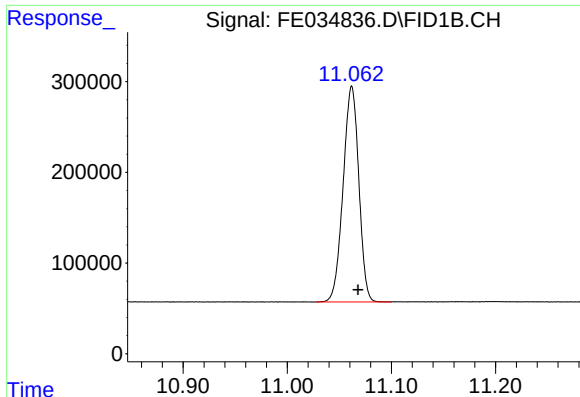
#7 n-Hexadecane (C16)

R.T.: 9.317 min
Delta R.T.: -0.005 min
Response: 2286276
Conc: 19.95 ug/ml



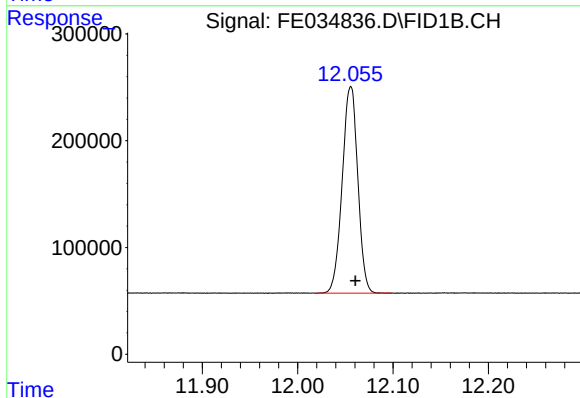
#8 n-Octadecane (C18)

R.T.: 10.752 min
Delta R.T.: -0.006 min
Response: 2281562
Conc: 19.81 ug/ml



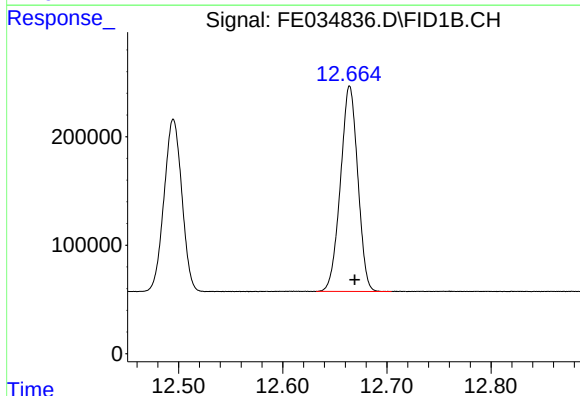
#9 ortho-Terphenyl (SURR)

R.T.: 11.062 min
Delta R.T.: -0.006 min
Response: 2491904
Conc: 19.42 ug/ml



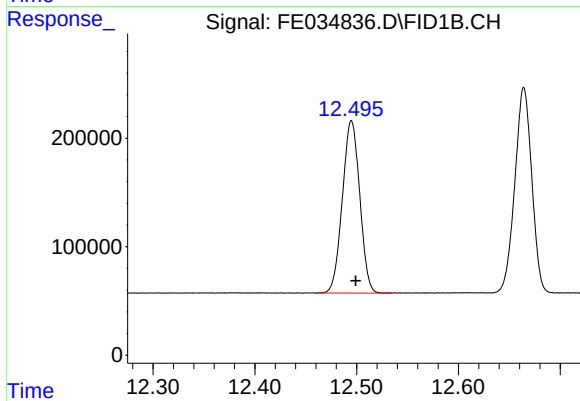
#10 n-Eicosane (C20)

R.T.: 12.056 min
Delta R.T.: -0.005 min
Response: 2202877
Conc: 19.68 ug/ml



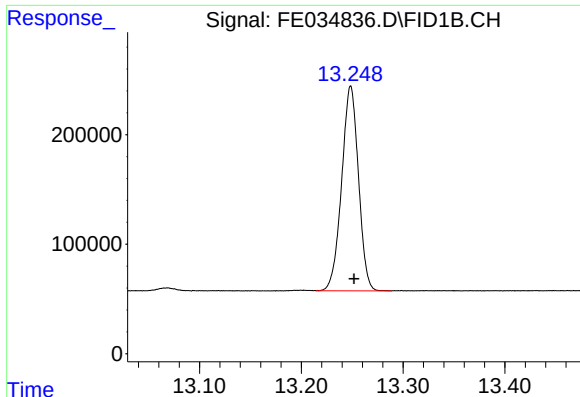
#11 n-Heneicosane (C21)

R.T.: 12.664 min
Delta R.T.: -0.005 min
Response: 2189724
Conc: 19.54 ug/ml



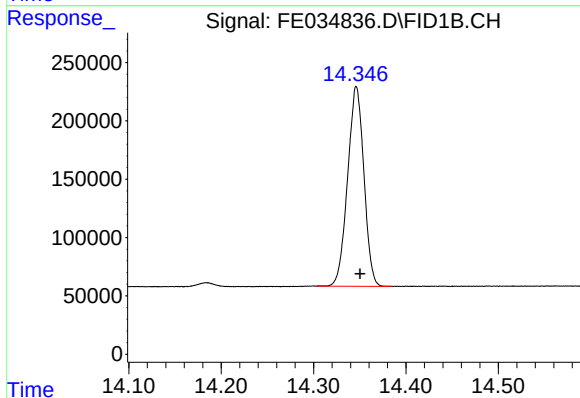
#12 1-chlorooctadecane (SURR)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 1886666
Conc: 19.55 ug/ml



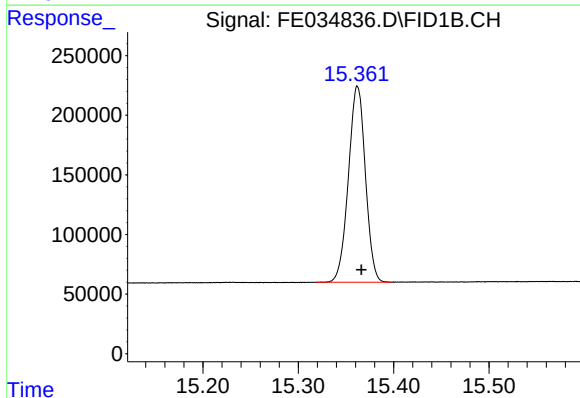
#13 n-Docosane (C22)

R.T.: 13.249 min
Delta R.T.: -0.003 min
Response: 2144559
Conc: 19.47 ug/ml



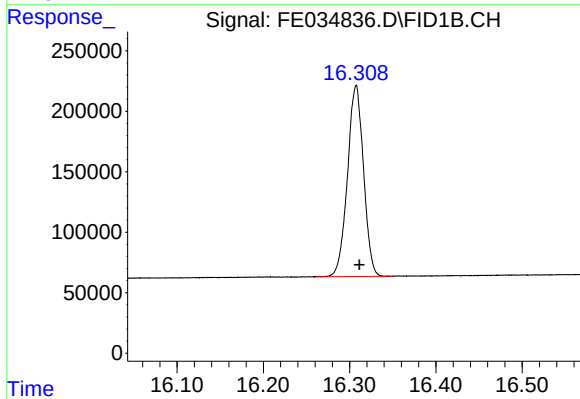
#14 n-Tetracosane (C24)

R.T.: 14.346 min
Delta R.T.: -0.004 min
Response: 2095989
Conc: 19.35 ug/ml



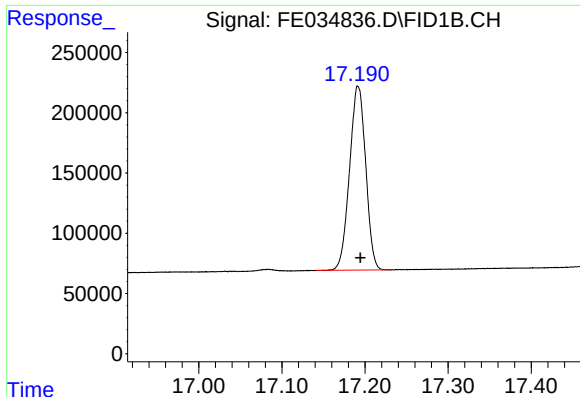
#15 n-Hexacosane (C26)

R.T.: 15.362 min
Delta R.T.: -0.004 min
Response: 2038270
Conc: 19.48 ug/ml



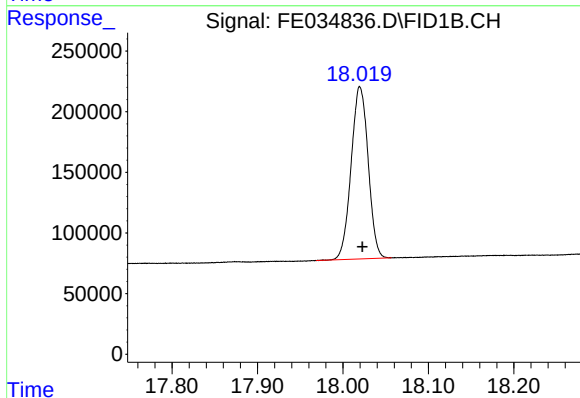
#16 n-Octacosane (C28)

R.T.: 16.308 min
Delta R.T.: -0.004 min
Response: 2042440
Conc: 20.01 ug/ml



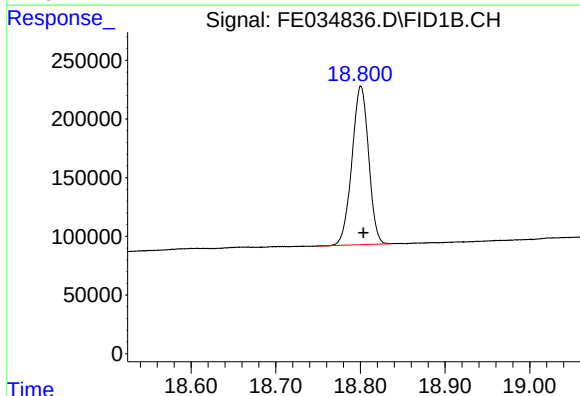
#17 n-Tricontane (C30)

R.T.: 17.192 min
Delta R.T.: -0.003 min
Response: 2062277
Conc: 20.87 ug/ml



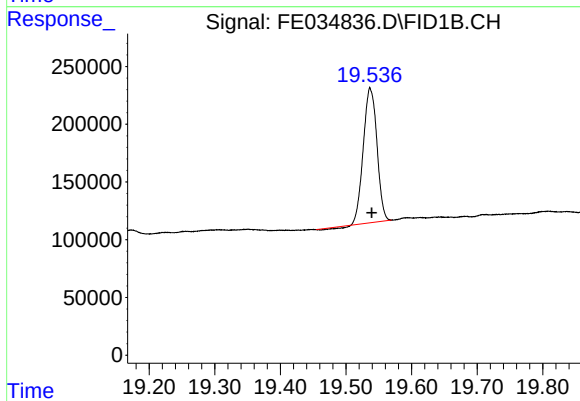
#18 n-Dotriacontane (C32)

R.T.: 18.020 min
Delta R.T.: -0.003 min
Response: 1966739
Conc: 21.41 ug/ml



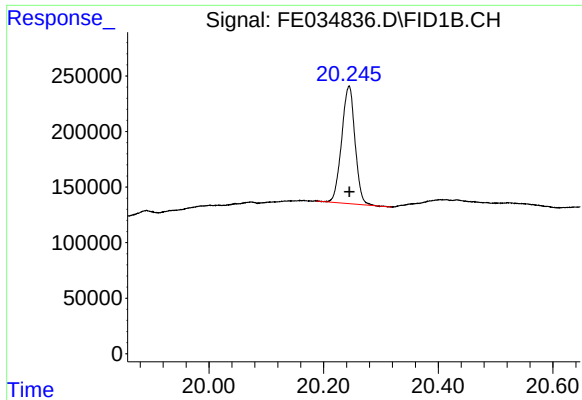
#19 n-Tetratriacontane (C34)

R.T.: 18.801 min
Delta R.T.: -0.003 min
Response: 1847383
Conc: 21.21 ug/ml



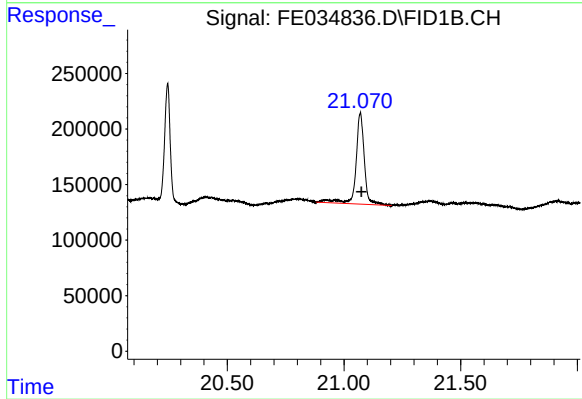
#20 n-Hexatriacontane (C36)

R.T.: 19.537 min
Delta R.T.: -0.002 min
Response: 1670617
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.244 min
Delta R.T.: 0.000 min
Response: 1713116
Conc: 21.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.070 min
Delta R.T.: -0.004 min
Response: 2071336
Conc: 25.68 ug/ml