

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051022AL\
 Data File : FE035613.D
 Signal(s) : FID1B.CH
 Acq On : 10 May 2022 20:04
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 03:19:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:18:27 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)	10.955	726280	5.556 ug/ml
Spiked Amount 50.000		Recovery =	11.11%
12) S 1-chlorooctadecane (S...	12.388	573923	5.577 ug/ml
Spiked Amount 50.000		Recovery =	11.15%
Target Compounds			
1) T n-Nonane (C9)	2.808	651694	5.535 ug/ml
2) T n-Decane (C10)	3.821	646071	5.540 ug/ml
3) T A~Naphthalene (C11.7)	5.386	730742	5.553 ug/ml
4) T n-Dodecane (C12)	5.812	654967	5.548 ug/ml
5) T A~2-methylnaphthalene...	6.434	740247	5.556 ug/ml
6) T n-Tetradecane (C14)	7.601	655341	5.579 ug/ml
7) T n-Hexadecane (C16)	9.199	655012	5.583 ug/ml
8) T n-Octadecane (C18)	10.637	657874	5.580 ug/ml
10) T n-Eicosane (C20)	11.944	654821	5.570 ug/ml
11) T n-Heneicosane (C21)	12.555	661276	5.596 ug/ml
13) T n-Docosane (C22)	13.139	663062	5.597 ug/ml
14) T n-Tetracosane (C24)	14.239	665792	5.587 ug/ml
15) T n-Hexacosane (C26)	15.259	665126	5.581 ug/ml
16) T n-Octacosane (C28)	16.206	668812	5.617 ug/ml
17) T n-Tricontane (C30)	17.093	667410	5.650 ug/ml
18) T n-Dotriacontane (C32)	17.924	640625	5.667 ug/ml
19) T n-Tetratriacontane (C34)	18.706	600189	5.615 ug/ml
20) T n-Hexatriacontane (C36)	19.444	555921	5.576 ug/ml
21) T n-Octatriacontane (C38)	20.181	524643	5.543 ug/ml
22) T n-Tetracontane (C40)	21.095	512183	5.535 ug/ml

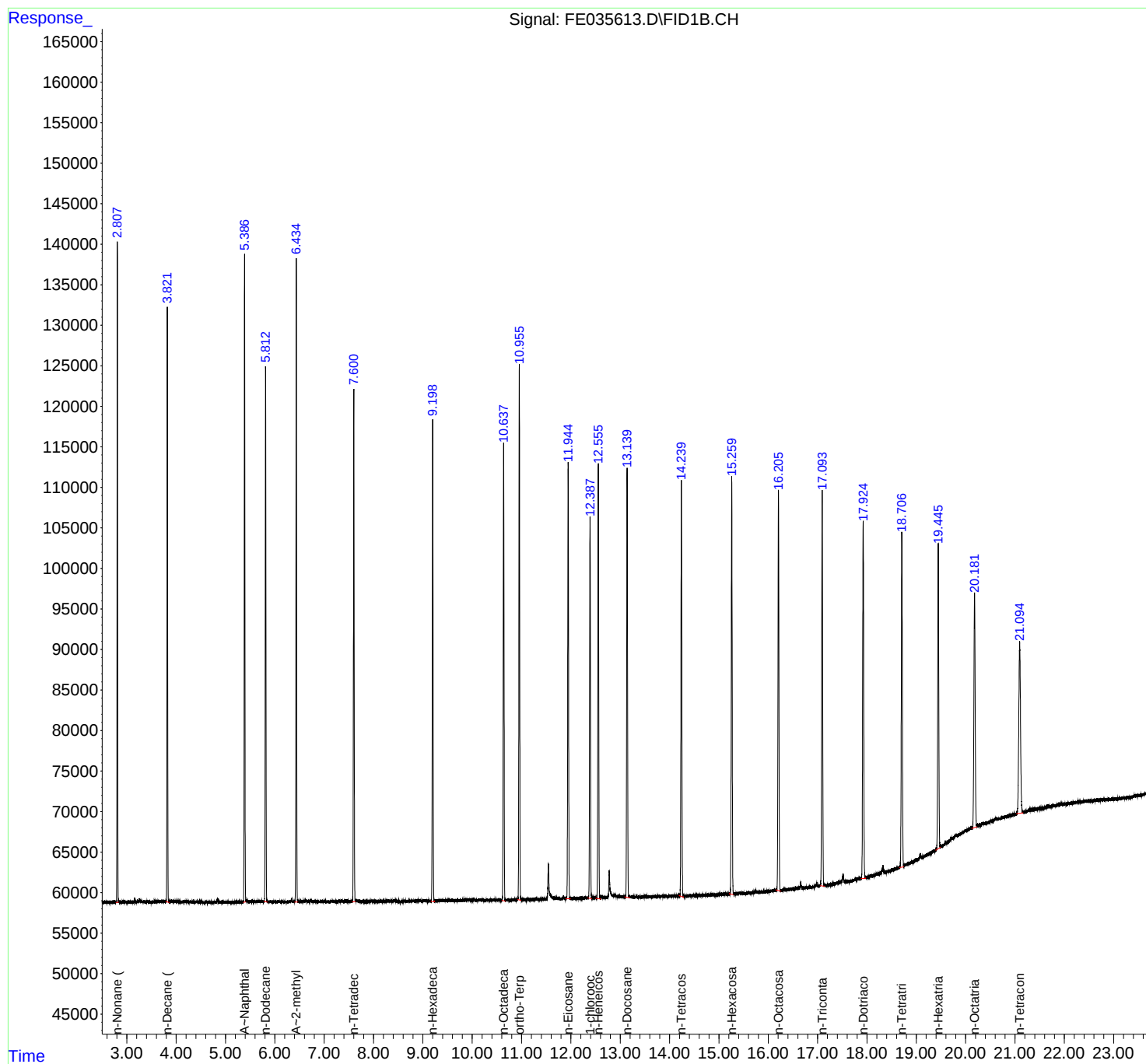
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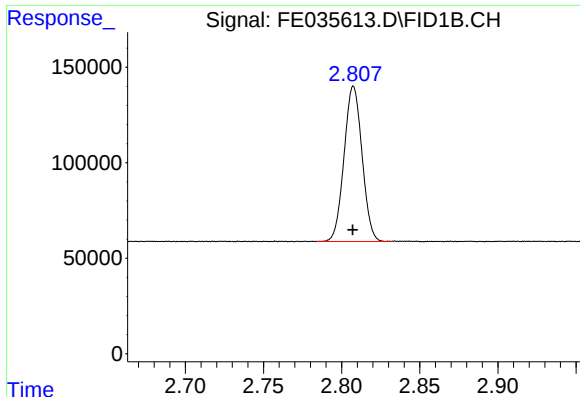
(m)=manual int.

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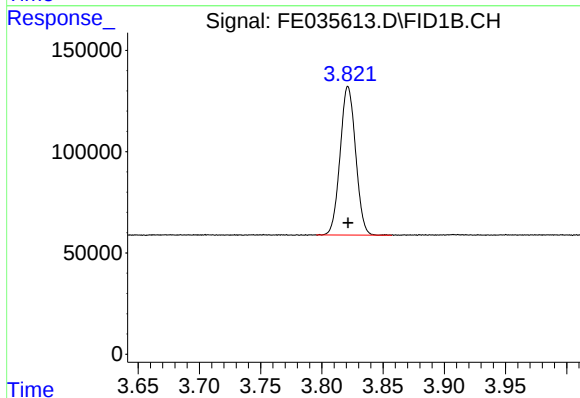
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





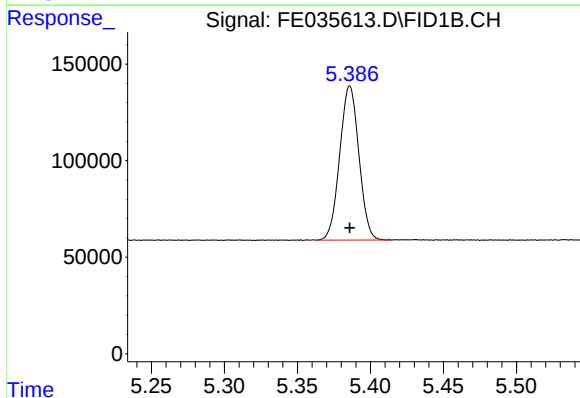
#1 n-Nonane (C9)

R.T.: 2.808 min
Delta R.T.: 0.000 min
Response: 651694
Conc: 5.53 ug/ml



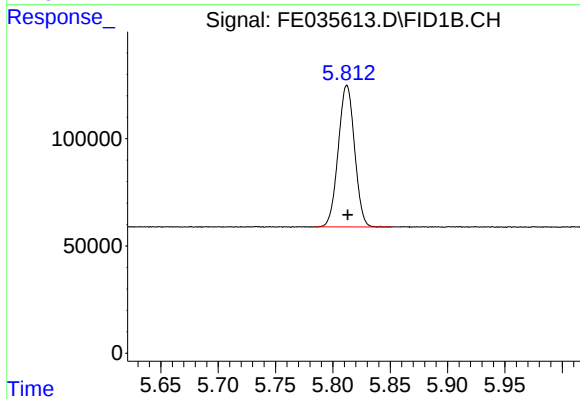
#2 n-Decane (C10)

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 646071
Conc: 5.54 ug/ml



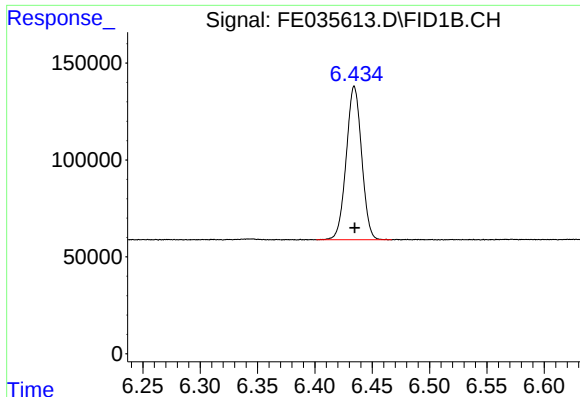
#3 A~Naphthalene (C11.7)

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 730742
Conc: 5.55 ug/ml



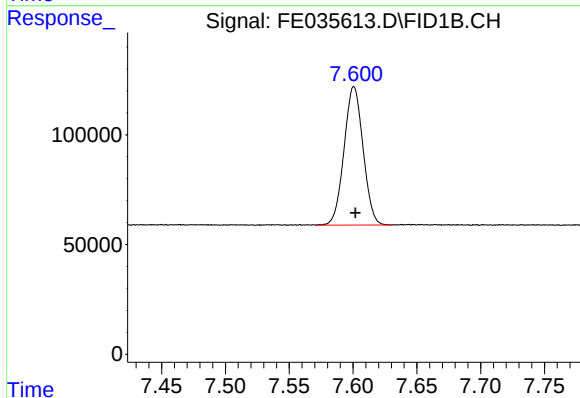
#4 n-Dodecane (C12)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 654967
Conc: 5.55 ug/ml



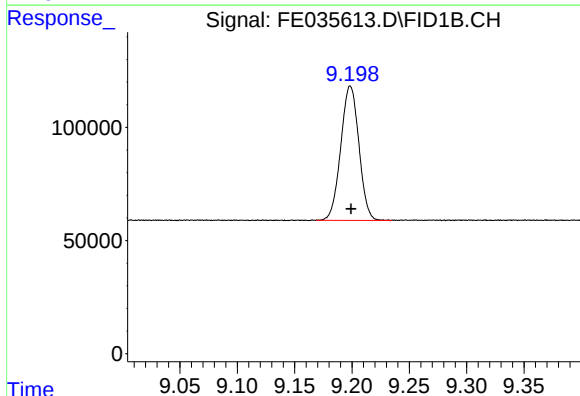
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 740247
Conc: 5.56 ug/ml



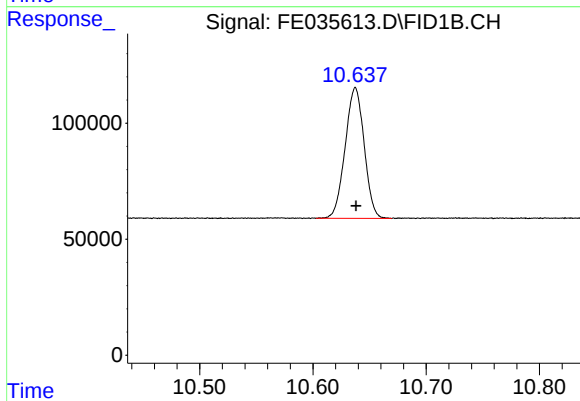
#6 n-Tetradecane (C14)

R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 655341
Conc: 5.58 ug/ml



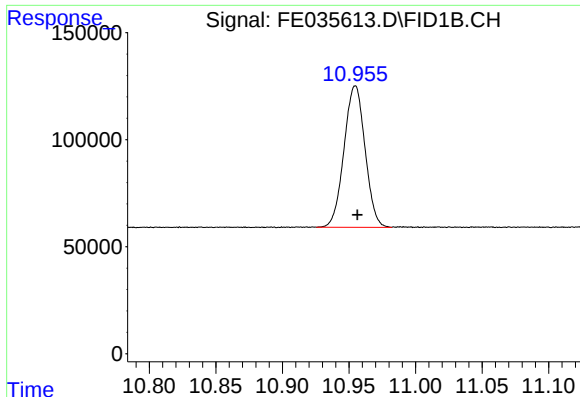
#7 n-Hexadecane (C16)

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 655012
Conc: 5.58 ug/ml



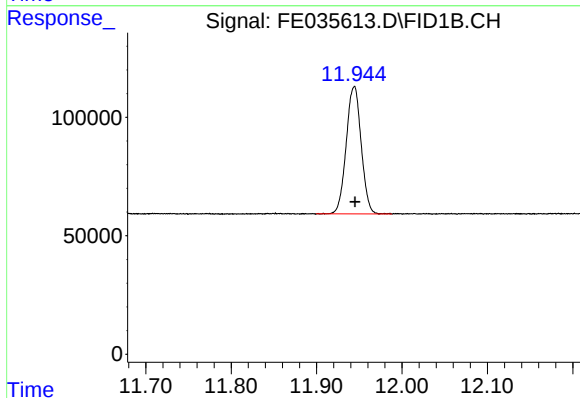
#8 n-Octadecane (C18)

R.T.: 10.637 min
Delta R.T.: 0.000 min
Response: 657874
Conc: 5.58 ug/ml



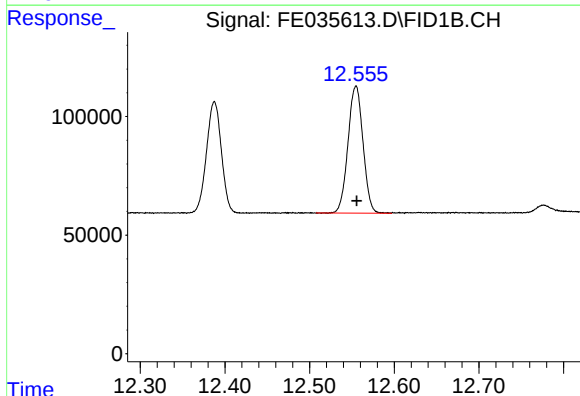
#9 ortho-Terphenyl (SURR)

R.T.: 10.955 min
Delta R.T.: -0.001 min
Response: 726280
Conc: 5.56 ug/ml



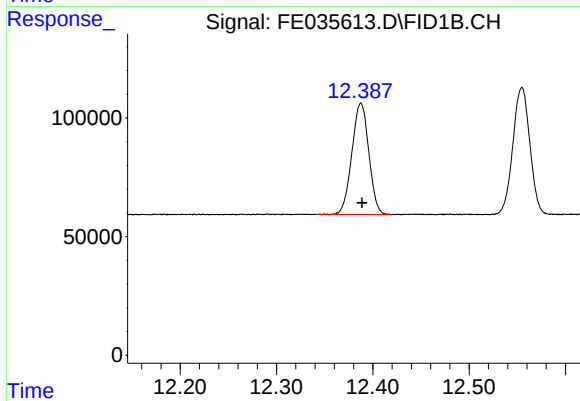
#10 n-Eicosane (C20)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 654821
Conc: 5.57 ug/ml



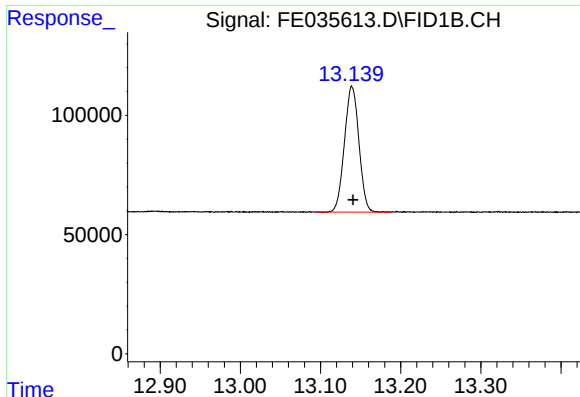
#11 n-Heneicosane (C21)

R.T.: 12.555 min
Delta R.T.: 0.000 min
Response: 661276
Conc: 5.60 ug/ml



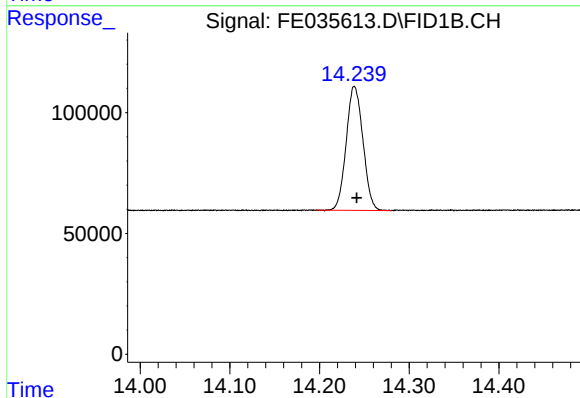
#12 1-chlorooctadecane (SURR)

R.T.: 12.388 min
Delta R.T.: -0.001 min
Response: 573923
Conc: 5.58 ug/ml



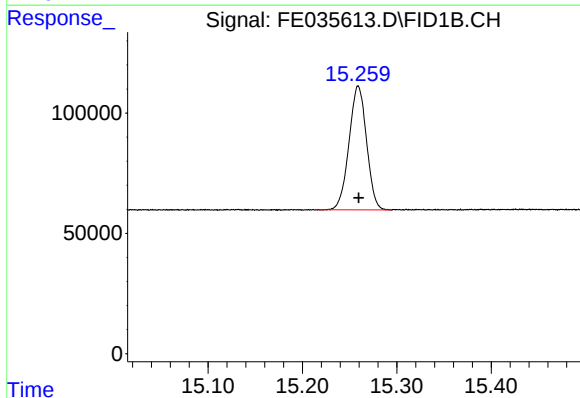
#13 n-Docosane (C22)

R.T.: 13.139 min
Delta R.T.: -0.002 min
Response: 663062
Conc: 5.60 ug/ml



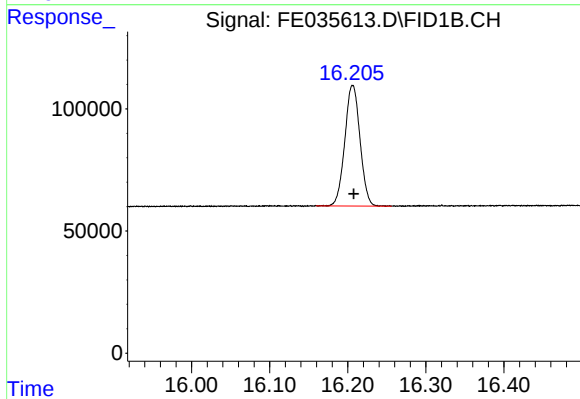
#14 n-Tetracosane (C24)

R.T.: 14.239 min
Delta R.T.: -0.002 min
Response: 665792
Conc: 5.59 ug/ml



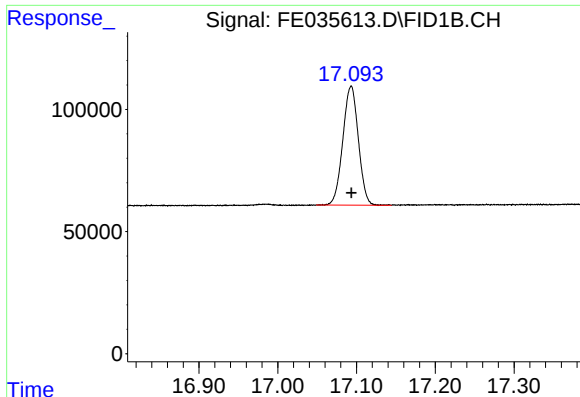
#15 n-Hexacosane (C26)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 665126
Conc: 5.58 ug/ml



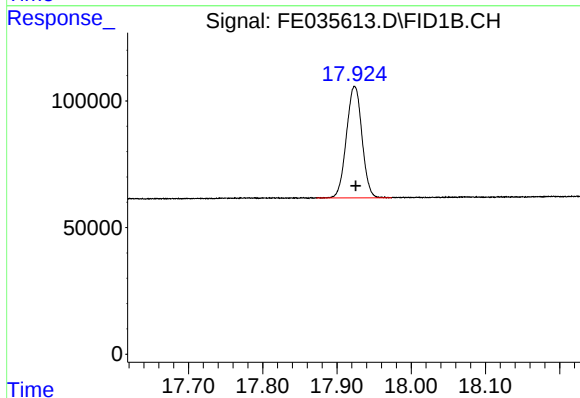
#16 n-Octacosane (C28)

R.T.: 16.206 min
Delta R.T.: -0.002 min
Response: 668812
Conc: 5.62 ug/ml



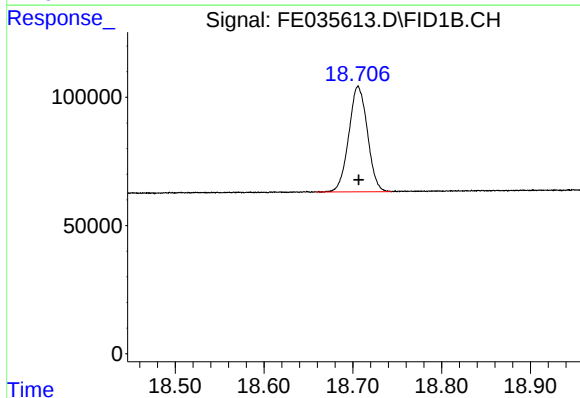
#17 n-Tricontane (C30)

R.T.: 17.093 min
Delta R.T.: 0.000 min
Response: 667410
Conc: 5.65 ug/ml



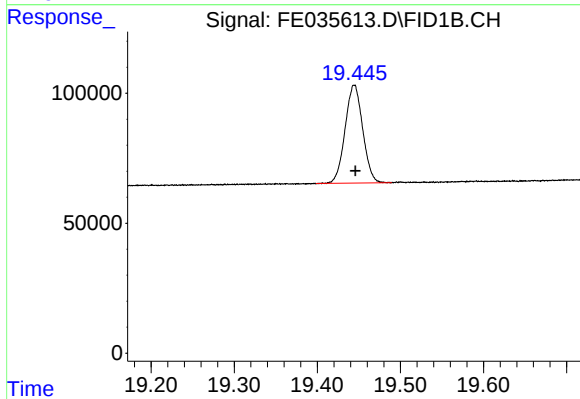
#18 n-Dotriacontane (C32)

R.T.: 17.924 min
Delta R.T.: -0.002 min
Response: 640625
Conc: 5.67 ug/ml



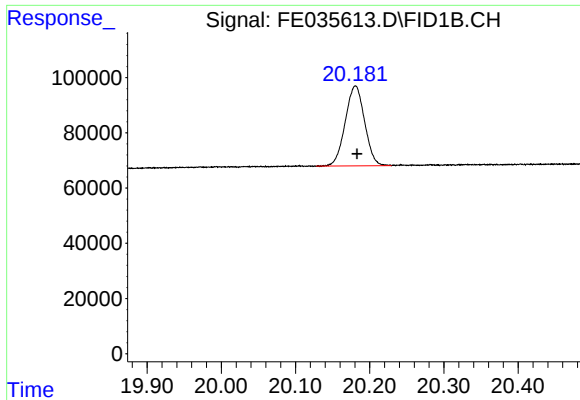
#19 n-Tetratriacontane (C34)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 600189
Conc: 5.61 ug/ml



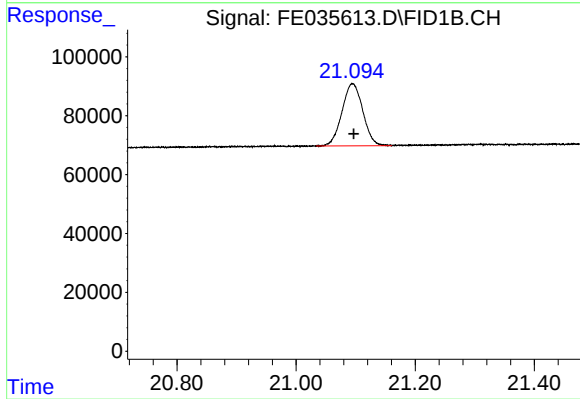
#20 n-Hexatriacontane (C36)

R.T.: 19.444 min
Delta R.T.: -0.001 min
Response: 555921
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.181 min
Delta R.T.: -0.002 min
Response: 524643
Conc: 5.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.095 min
Delta R.T.: -0.002 min
Response: 512183
Conc: 5.54 ug/ml