

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022122AL\
 Data File : FE035106.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 15:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 15:34:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021822.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 18 14:37:45 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)	11.739	23692748	24.386 ug/ml
Spiked Amount 50.000		Recovery =	48.77%
12) S 1-chlorooctadecane (S...	13.154	18510199	25.165 ug/ml
Spiked Amount 50.000		Recovery =	50.33%
Target Compounds			
1) T n-Nonane (C9)	3.616	19565550	23.878 ug/ml
2) T n-Decane (C10)	4.615	20498487	24.472 ug/ml
3) T A~Naphthalene (C11.7)	6.171	22432029	23.937 ug/ml
4) T n-Dodecane (C12)	6.590	20890626	24.200 ug/ml
5) T A~2-methylnaphthalene...	7.221	22663256	23.973 ug/ml
6) T n-Tetradecane (C14)	8.373	20955393	24.312 ug/ml
7) T n-Hexadecane (C16)	9.968	21214478	24.374 ug/ml
8) T n-Octadecane (C18)	11.408	21418611	24.276 ug/ml
10) T n-Eicosane (C20)	12.710	21314602	24.413 ug/ml
11) T n-Heneicosane (C21)	13.320	21396428	24.454 ug/ml
13) T n-Docosane (C22)	13.904	21302996	24.420 ug/ml
14) T n-Tetracosane (C24)	15.001	21005741	24.281 ug/ml
15) T n-Hexacosane (C26)	16.019	20194908	23.953 ug/ml
16) T n-Octacosane (C28)	16.962	18914241	23.453 ug/ml
17) T n-Tricontane (C30)	17.844	16780429	22.453 ug/ml
18) T n-Dotriacontane (C32)	18.670	13487525	20.458 ug/ml
19) T n-Tetratriacontane (C34)	19.447	9803224	17.924 ug/ml
20) T n-Hexatriacontane (C36)	20.179	6514290	15.932 ug/ml
21) T n-Octatriacontane (C38)	20.926	4192056	15.340 ug/ml
22) T n-Tetracontane (C40)	21.856	2846558	16.508 ug/ml

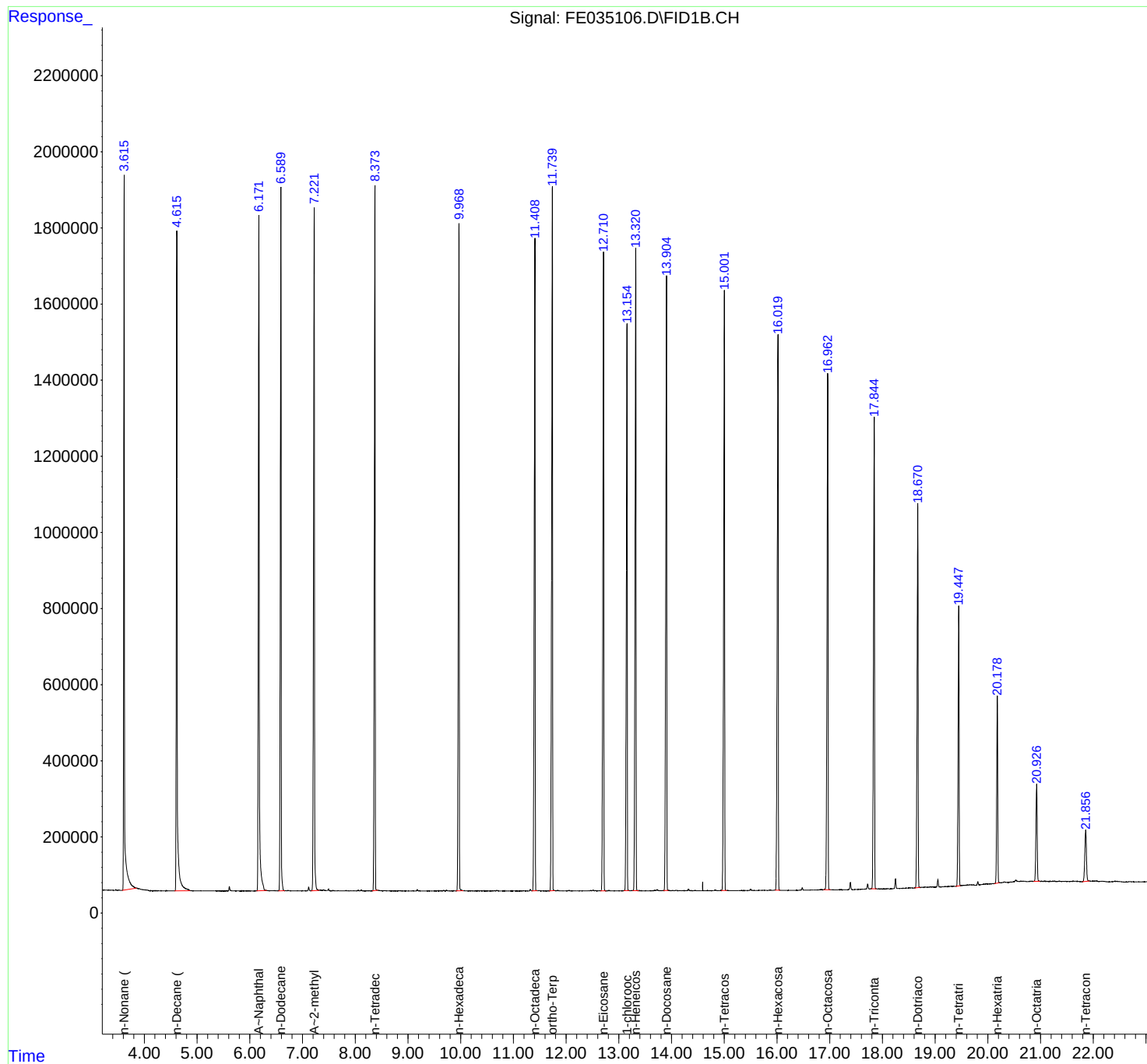
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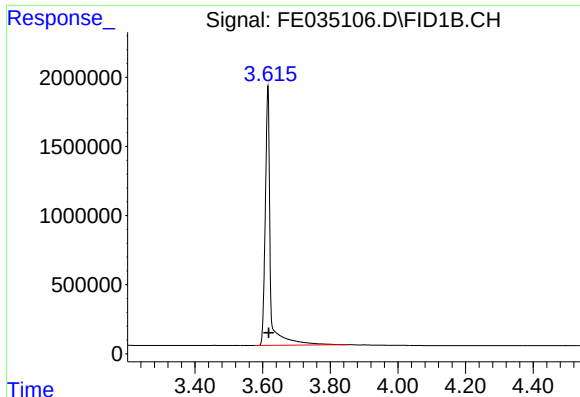
(m)=manual int.

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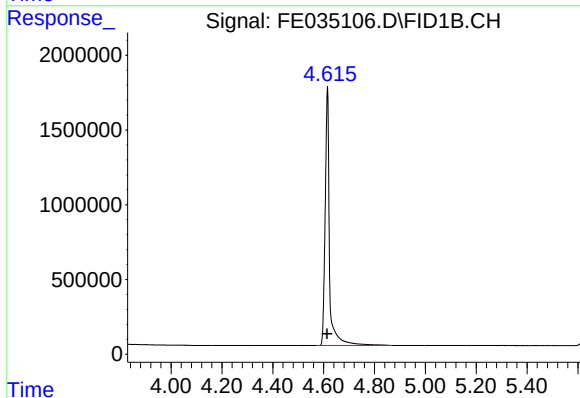
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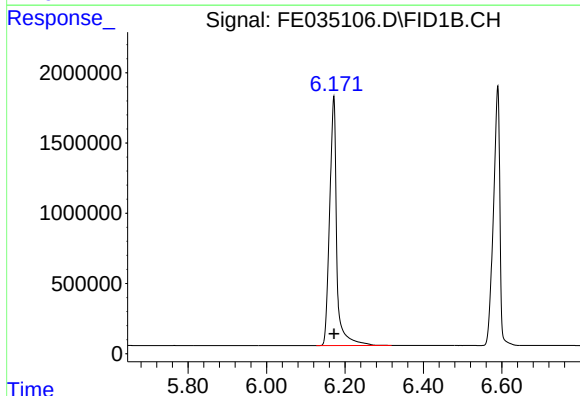
#1 n-Nonane (C9)

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 19565550
Conc: 23.88 ug/ml



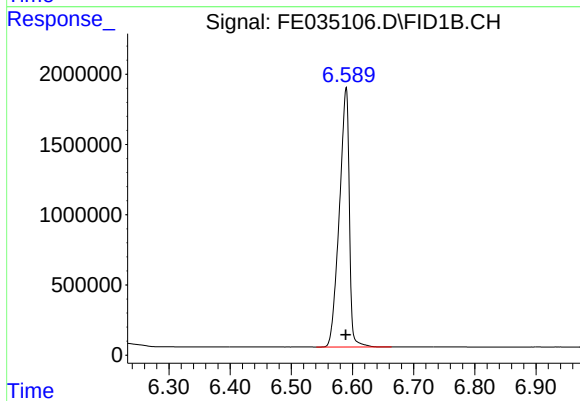
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 20498487
Conc: 24.47 ug/ml



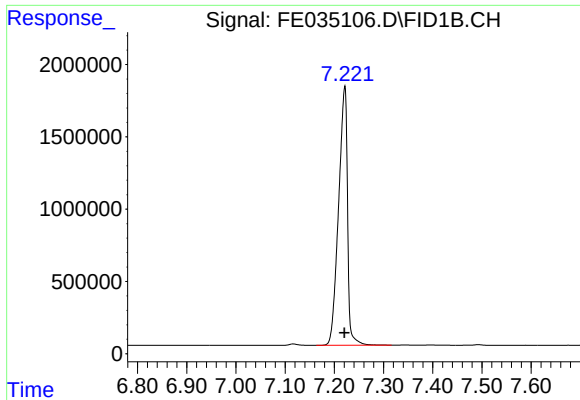
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 22432029
Conc: 23.94 ug/ml



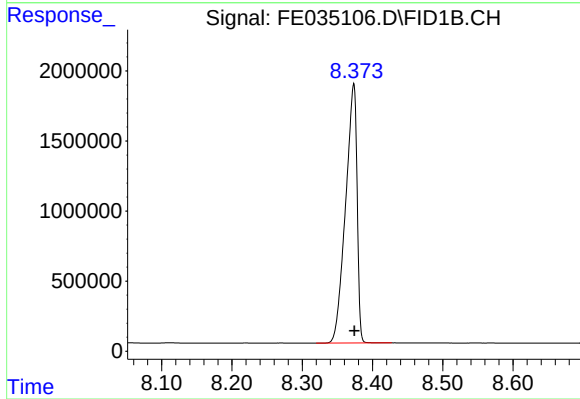
#4 n-Dodecane (C12)

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 20890626
Conc: 24.20 ug/ml



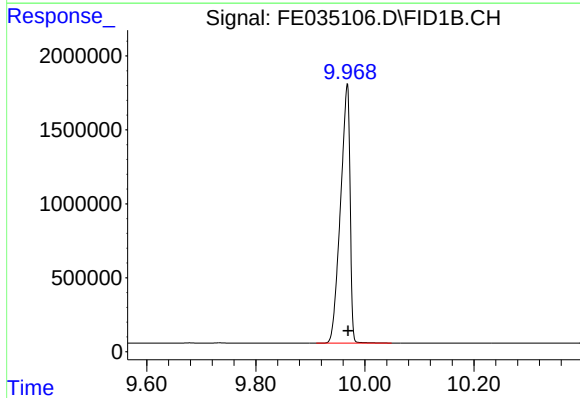
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 22663256
Conc: 23.97 ug/ml



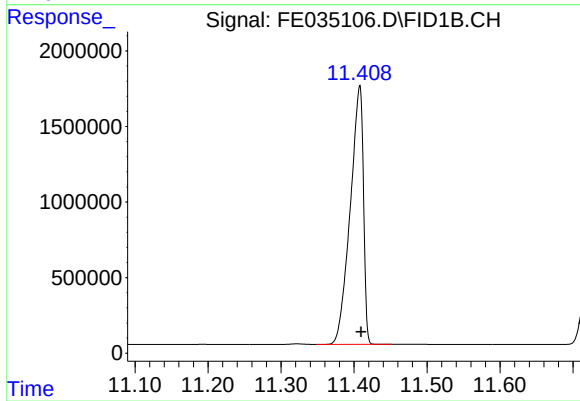
#6 n-Tetradecane (C14)

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 20955393
Conc: 24.31 ug/ml



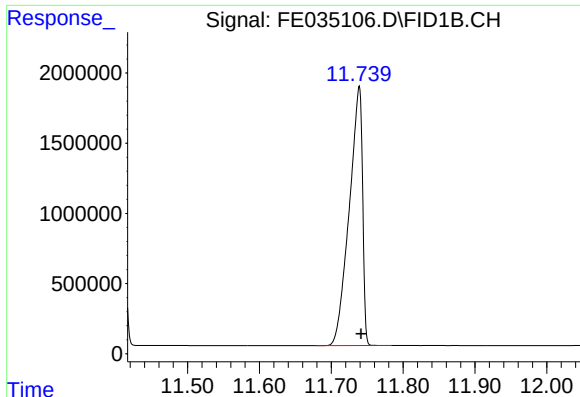
#7 n-Hexadecane (C16)

R.T.: 9.968 min
Delta R.T.: -0.002 min
Response: 21214478
Conc: 24.37 ug/ml



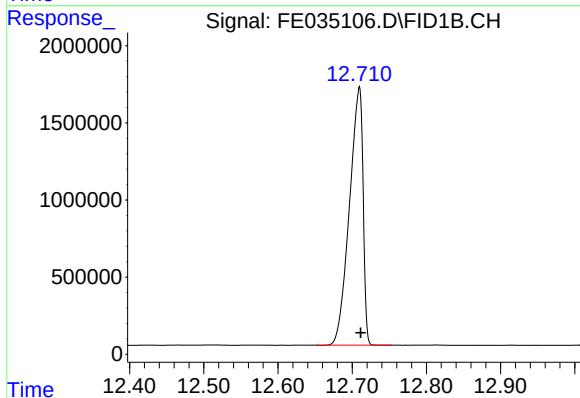
#8 n-Octadecane (C18)

R.T.: 11.408 min
Delta R.T.: -0.002 min
Response: 21418611
Conc: 24.28 ug/ml



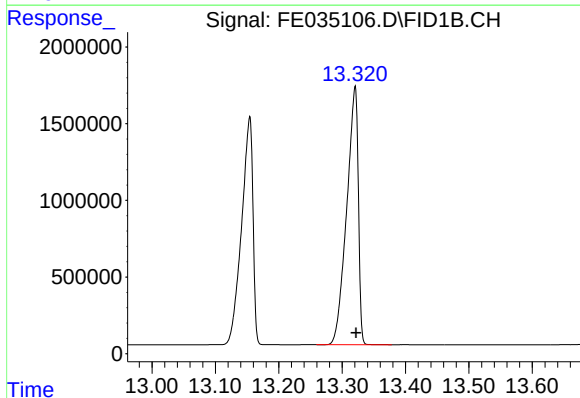
#9 ortho-Terphenyl (SURR)

R.T.: 11.739 min
Delta R.T.: -0.002 min
Response: 23692748
Conc: 24.39 ug/ml



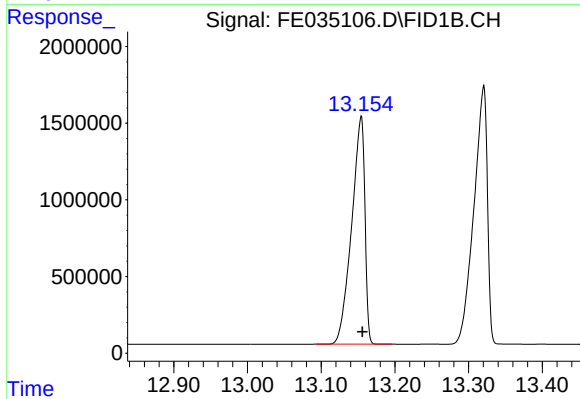
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.002 min
Response: 21314602
Conc: 24.41 ug/ml



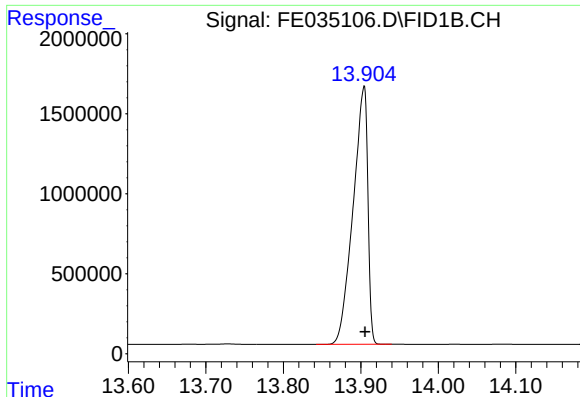
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: -0.002 min
Response: 21396428
Conc: 24.45 ug/ml



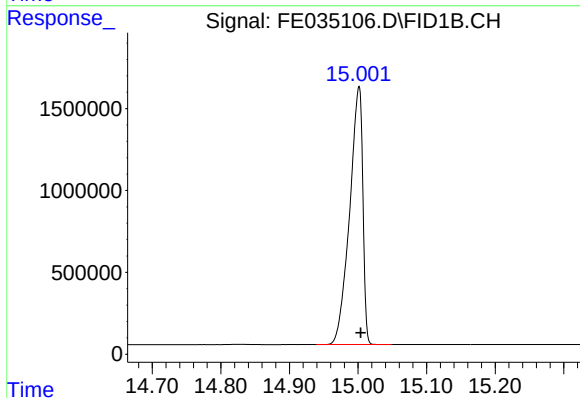
#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min
Delta R.T.: -0.002 min
Response: 18510199
Conc: 25.16 ug/ml



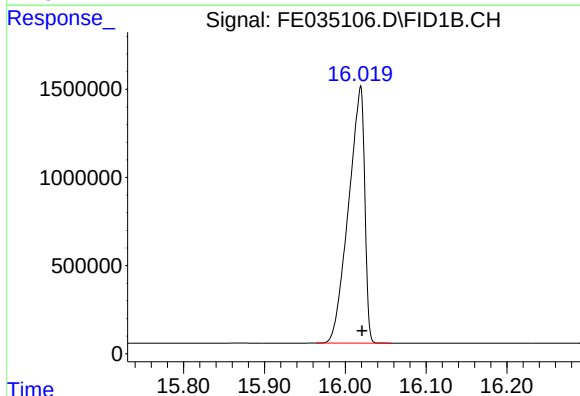
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: -0.002 min
Response: 21302996
Conc: 24.42 ug/ml



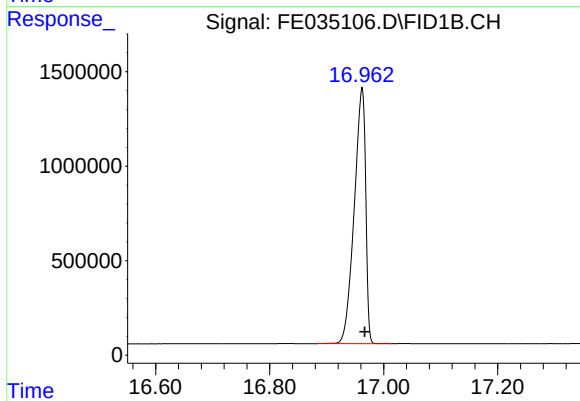
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: -0.003 min
Response: 21005741
Conc: 24.28 ug/ml



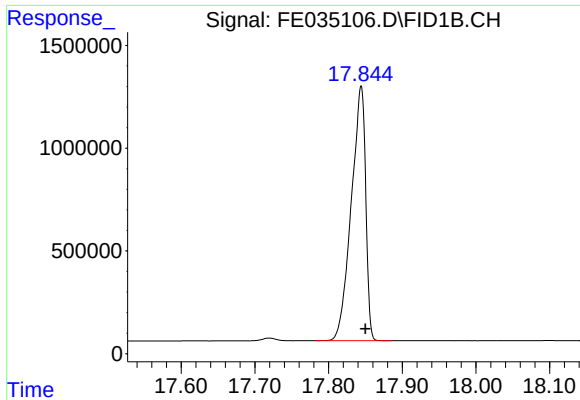
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: -0.002 min
Response: 20194908
Conc: 23.95 ug/ml



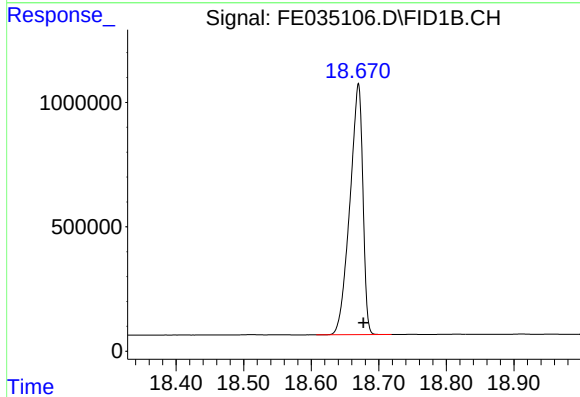
#16 n-Octacosane (C28)

R.T.: 16.962 min
Delta R.T.: -0.004 min
Response: 18914241
Conc: 23.45 ug/ml



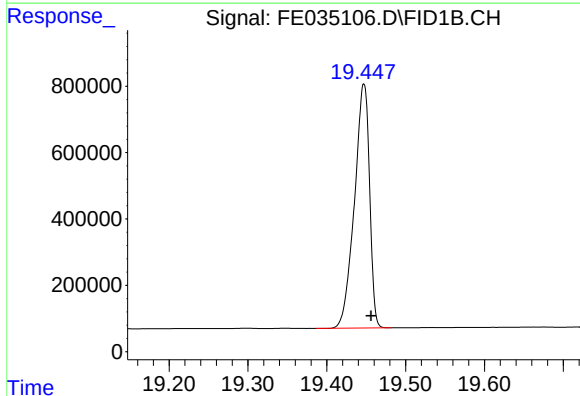
#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.006 min
Response: 16780429
Conc: 22.45 ug/ml



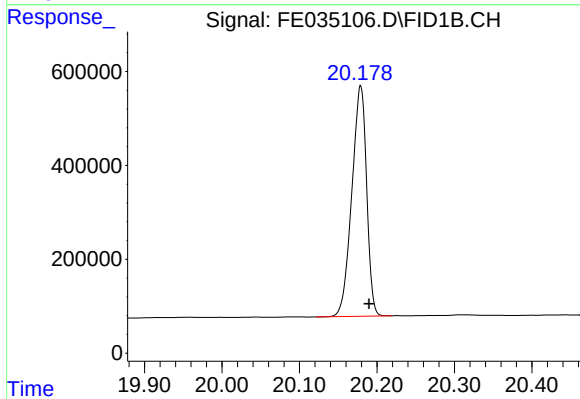
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.007 min
Response: 13487525
Conc: 20.46 ug/ml



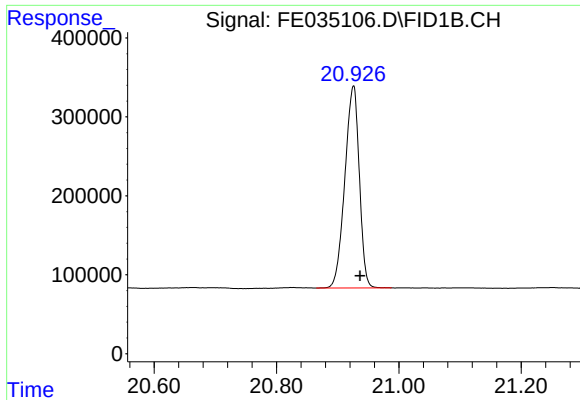
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: -0.009 min
Response: 9803224
Conc: 17.92 ug/ml



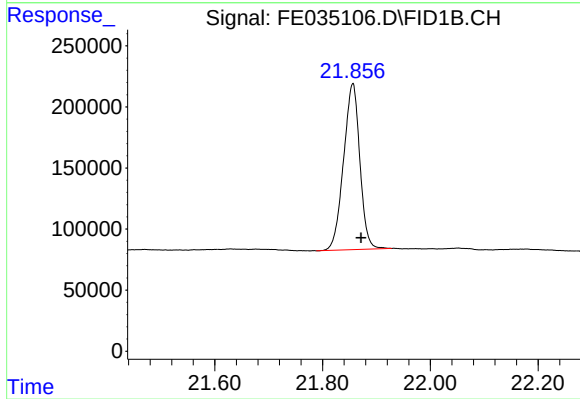
#20 n-Hexatriacontane (C36)

R.T.: 20.179 min
Delta R.T.: -0.011 min
Response: 6514290
Conc: 15.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.926 min
Delta R.T.: -0.011 min
Response: 4192056
Conc: 15.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.015 min
Response: 2846558
Conc: 16.51 ug/ml