

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072321AL\
 Data File : FE034151.D
 Signal(s) : FID1B.CH
 Acq On : 23 Jul 2021 13:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 23:06:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:24:30 2021
 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)	11.587	9641372	21.122 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
12) S 1-chlorooctadecane (S...	13.022	7387527	21.205 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T n-Nonane (C9)	3.388	8142147	21.142 ug/ml
2) T n-Decane (C10)	4.427	8227339	21.220 ug/ml
3) T A~Naphthalene (C11.7)	6.000	9176972	21.377 ug/ml
4) T n-Dodecane (C12)	6.430	8376957	21.256 ug/ml
5) T A~2-methylnaphthalene...	7.056	9164514	21.476 ug/ml
6) T n-Tetradecane (C14)	8.225	8512237	21.053 ug/ml
7) T n-Hexadecane (C16)	9.826	8614788	21.064 ug/ml
8) T n-Octadecane (C18)	11.269	8953477	21.058 ug/ml
10) T n-Eicosane (C20)	12.577	8942424	21.097 ug/ml
11) T n-Heneicosane (C21)	13.189	9038788	21.096 ug/ml
13) T n-Docosane (C22)	13.776	8977641	21.145 ug/ml
14) T n-Tetracosane (C24)	14.878	9042069	21.298 ug/ml
15) T n-Hexacosane (C26)	15.900	8846723	21.398 ug/ml
16) T n-Octacosane (C28)	16.850	8728772	21.640 ug/ml
17) T n-Tricontane (C30)	17.738	8595726	22.138 ug/ml
18) T n-Dotriacontane (C32)	18.570	8171913	22.439 ug/ml
19) T n-Tetratriacontane (C34)	19.354	7623616	22.262 ug/ml
20) T n-Hexatriacontane (C36)	20.094	6849090	22.057 ug/ml
21) T n-Octatriacontane (C38)	20.828	5961082	21.142 ug/ml
22) T n-Tetracontane (C40)	21.735	4862090	18.840 ug/ml

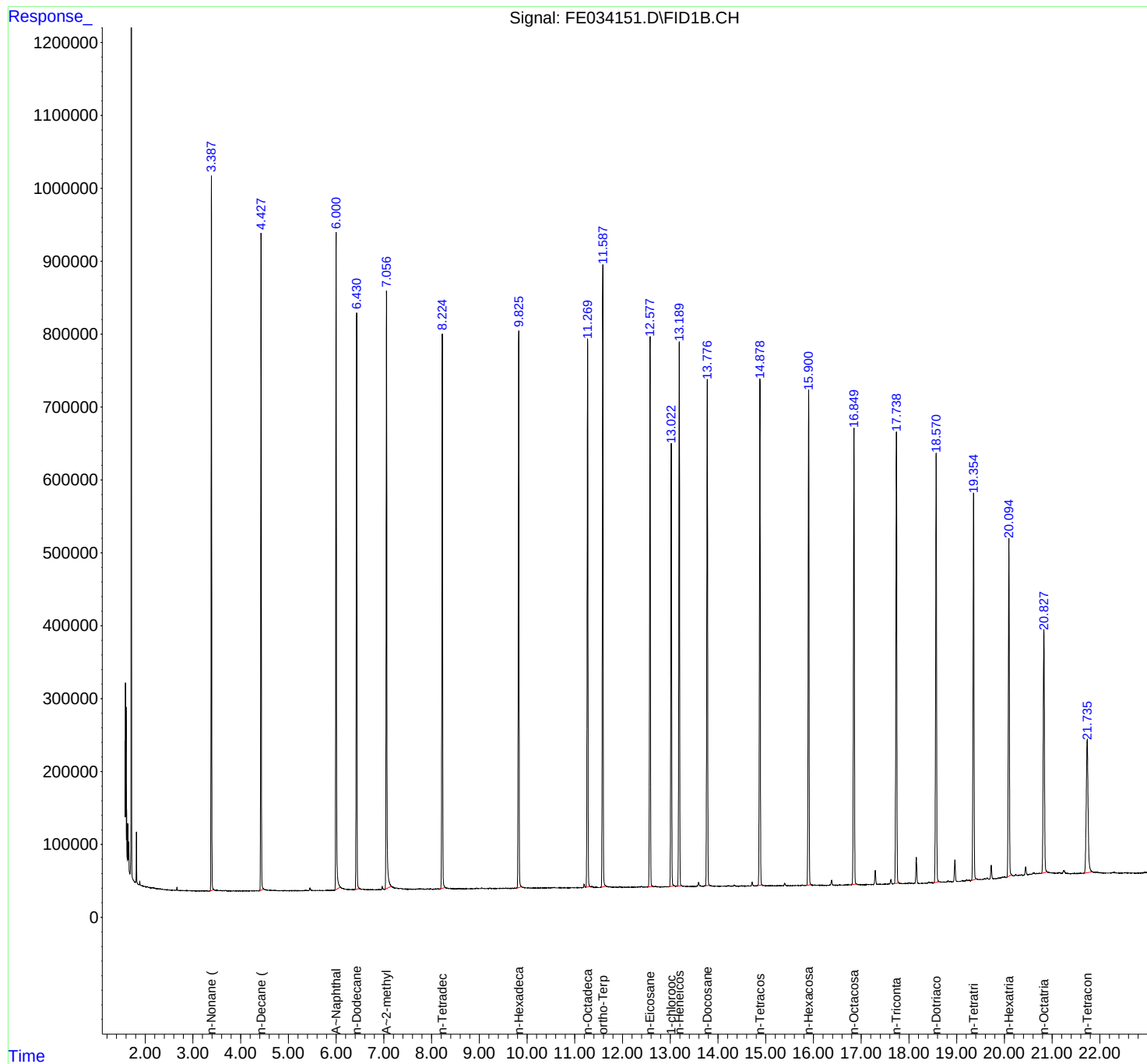
(f)=RT Delta > 1/2 Window

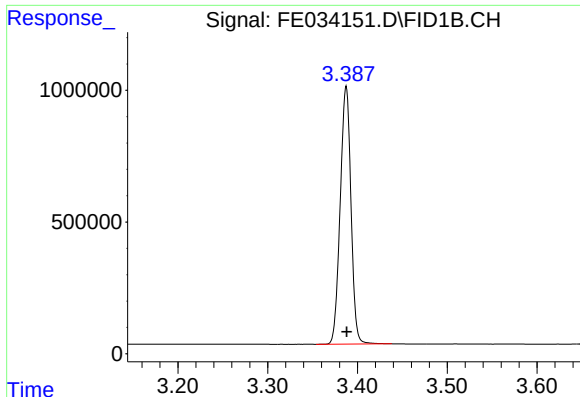
(m)=manual int.

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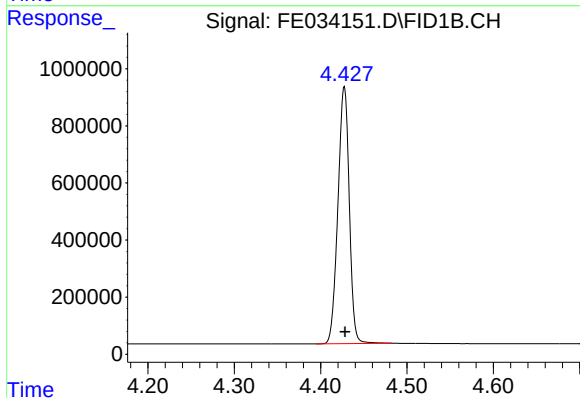
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





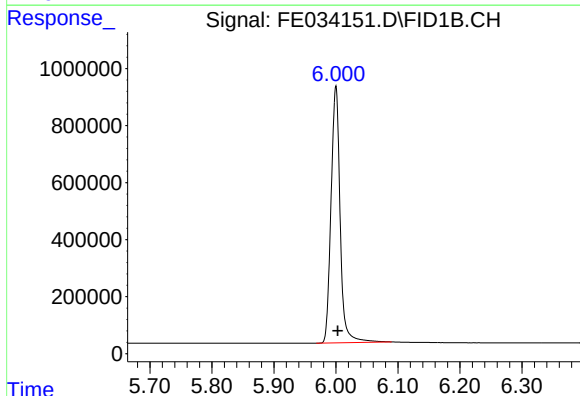
#1 n-Nonane (C9)

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 8142147
Conc: 21.14 ug/ml



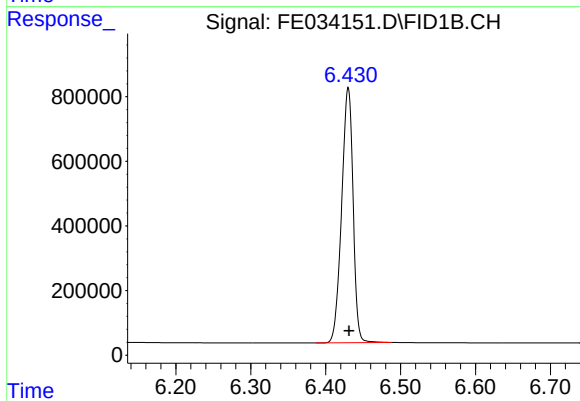
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 8227339
Conc: 21.22 ug/ml



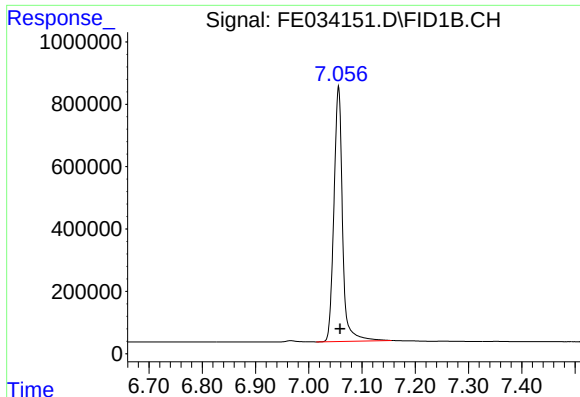
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 9176972
Conc: 21.38 ug/ml



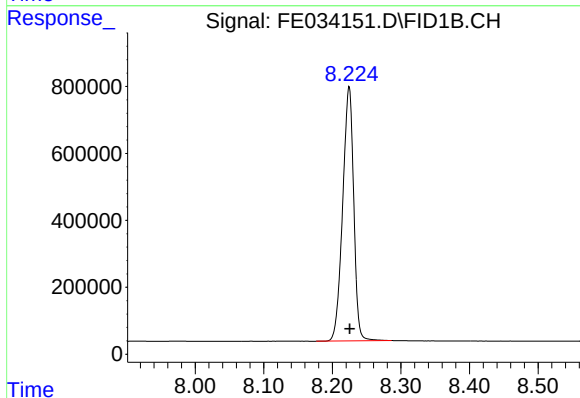
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.001 min
Response: 8376957
Conc: 21.26 ug/ml



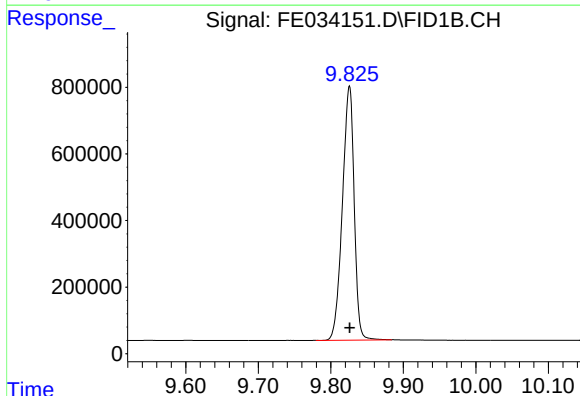
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 9164514
Conc: 21.48 ug/ml



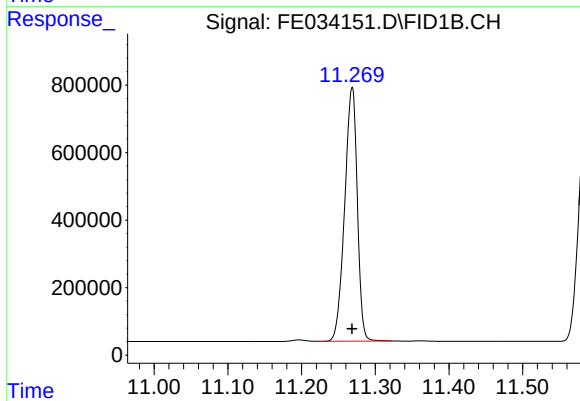
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 8512237
Conc: 21.05 ug/ml



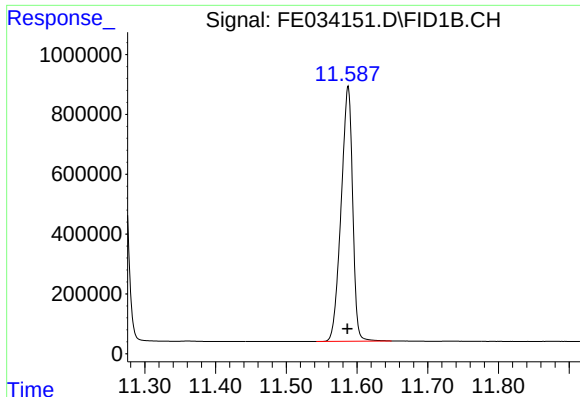
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 8614788
Conc: 21.06 ug/ml



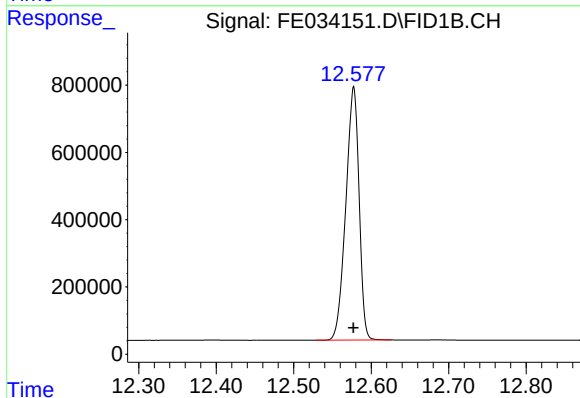
#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 8953477
Conc: 21.06 ug/ml



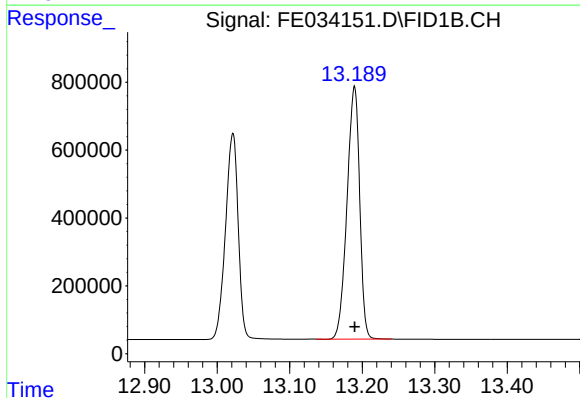
#9 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: 0.001 min
Response: 9641372
Conc: 21.12 ug/ml



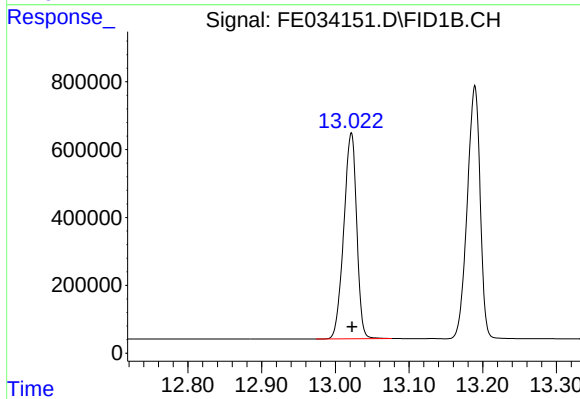
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: 0.000 min
Response: 8942424
Conc: 21.10 ug/ml



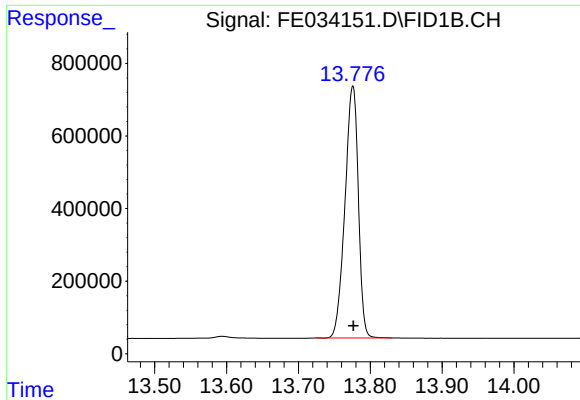
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.000 min
Response: 9038788
Conc: 21.10 ug/ml



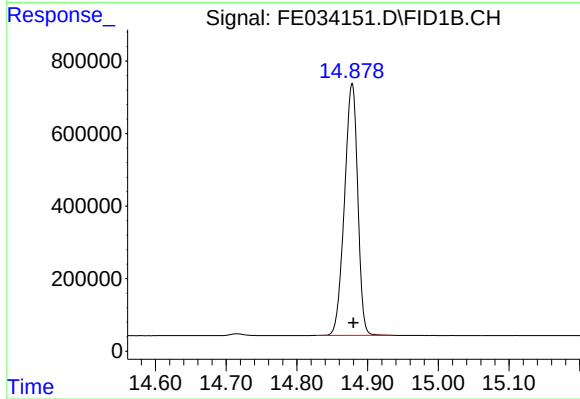
#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: 0.000 min
Response: 7387527
Conc: 21.20 ug/ml



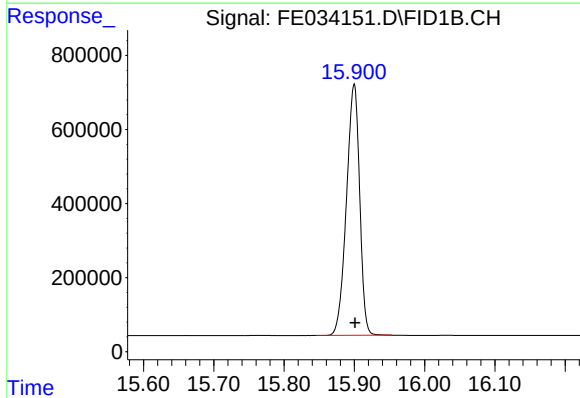
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: 0.000 min
Response: 8977641
Conc: 21.15 ug/ml



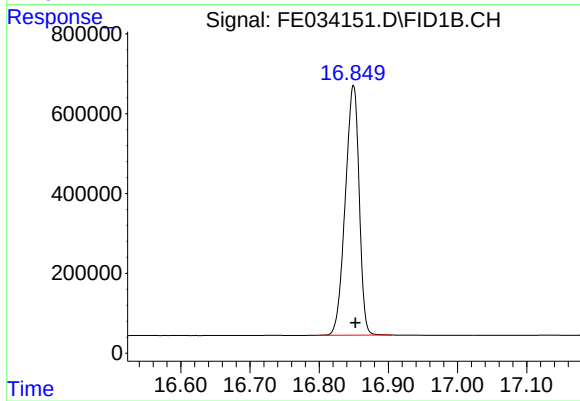
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 9042069
Conc: 21.30 ug/ml



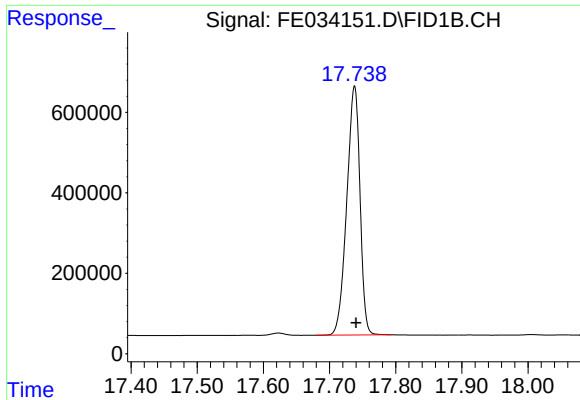
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.001 min
Response: 8846723
Conc: 21.40 ug/ml



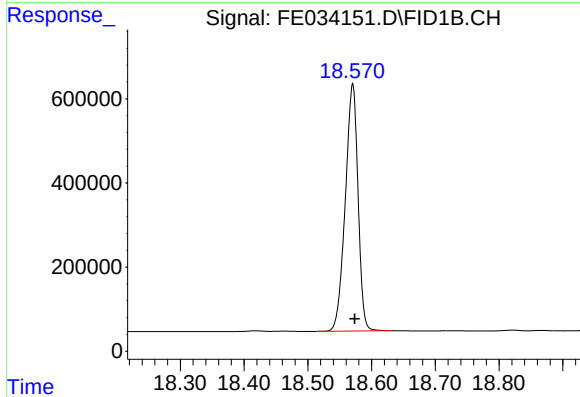
#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.003 min
Response: 8728772
Conc: 21.64 ug/ml



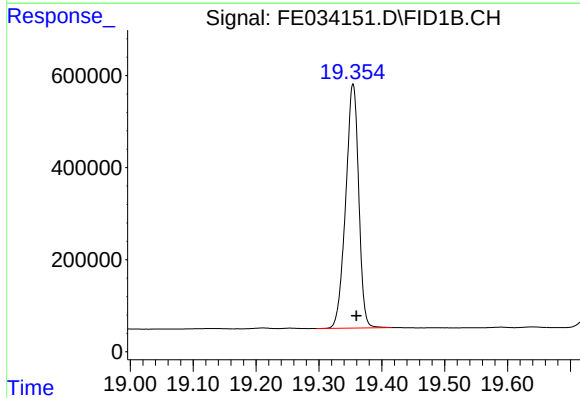
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: -0.002 min
Response: 8595726
Conc: 22.14 ug/ml



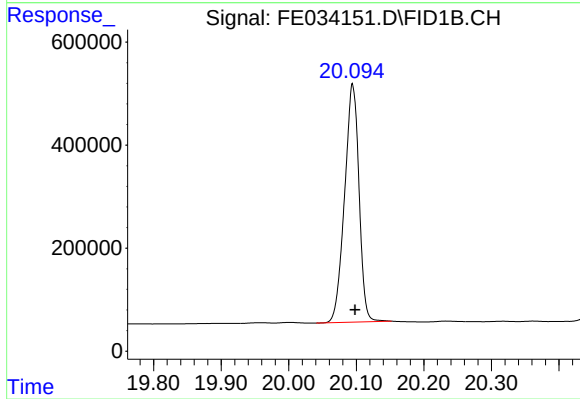
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.003 min
Response: 8171913
Conc: 22.44 ug/ml



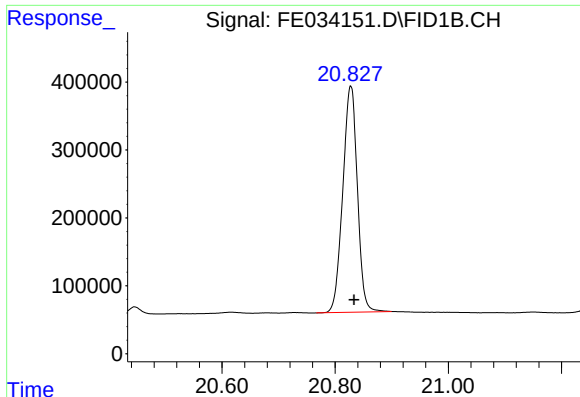
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.005 min
Response: 7623616
Conc: 22.26 ug/ml



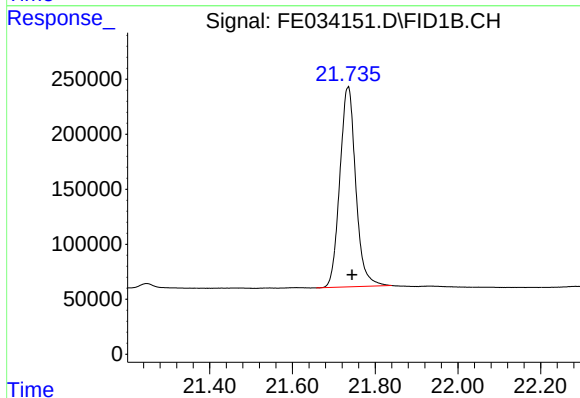
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: -0.004 min
Response: 6849090
Conc: 22.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.006 min
Response: 5961082
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.735 min
Delta R.T.: -0.009 min
Response: 4862090
Conc: 18.84 ug/ml