

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039285.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 3:55
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 04:47:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:06:18 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)	11.669	675103	5.369 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
12) S 1-chlorooctadecane (S...	13.097	551498	5.389 ug/ml
Spiked Amount 50.000		Recovery =	10.78%
Target Compounds			
1) T n-Nonane (C9)	3.431	612481	5.339 ug/ml
2) T n-Decane (C10)	4.500	617178	5.354 ug/ml
3) T A~Naphthalene (C11.7)	6.092	673542	5.286 ug/ml
4) T n-Dodecane (C12)	6.515	623751	5.344 ug/ml
5) T A~2-methylnaphthalene...	7.147	683051	5.254 ug/ml
6) T n-Tetradecane (C14)	8.307	622897	5.361 ug/ml
7) T n-Hexadecane (C16)	9.906	633338	5.362 ug/ml
8) T n-Octadecane (C18)	11.344	648805	5.382 ug/ml
10) T n-Eicosane (C20)	12.651	653240	5.376 ug/ml
11) T n-Heneicosane (C21)	13.261	664238	5.386 ug/ml
13) T n-Docosane (C22)	13.846	657571	5.373 ug/ml
14) T n-Tetracosane (C24)	14.946	659196	5.394 ug/ml
15) T n-Hexacosane (C26)	15.963	652364	5.394 ug/ml
16) T n-Octacosane (C28)	16.910	616027	5.370 ug/ml
17) T n-Tricontane (C30)	17.794	632166	5.467 ug/ml
18) T n-Dotriacontane (C32)	18.623	618729	5.525 ug/ml
19) T n-Tetratriacontane (C34)	19.405	569143	5.471 ug/ml
20) T n-Hexatriacontane (C36)	20.142	545361	5.450 ug/ml
21) T n-Octatriacontane (C38)	20.882	514461	5.460 ug/ml
22) T n-Tetracontane (C40)	21.808	483547	5.306 ug/ml

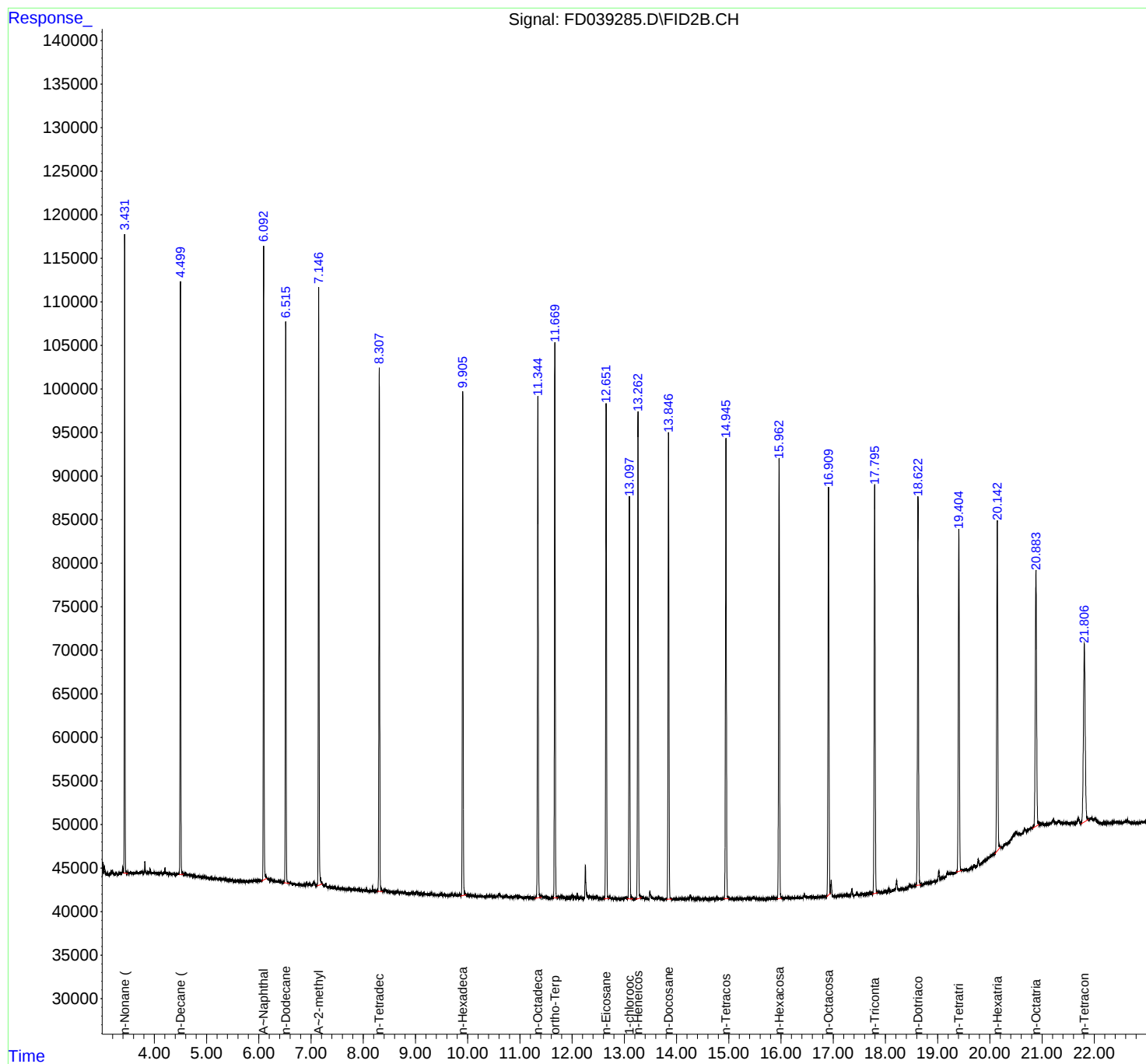
(f)=RT Delta > 1/2 Window

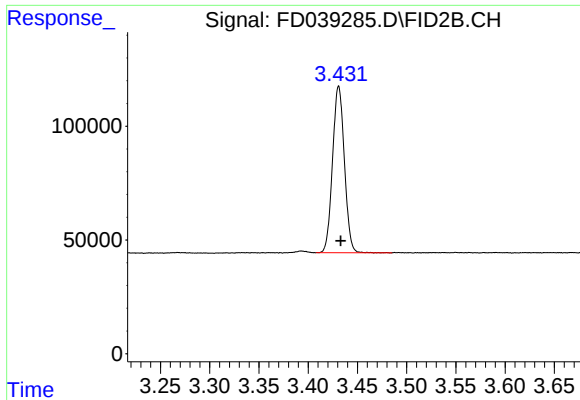
(m)=manual int.

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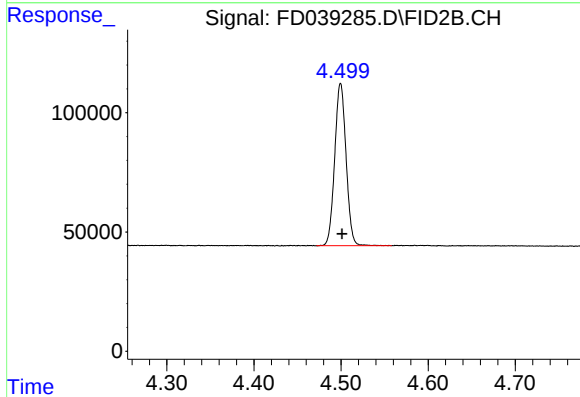
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





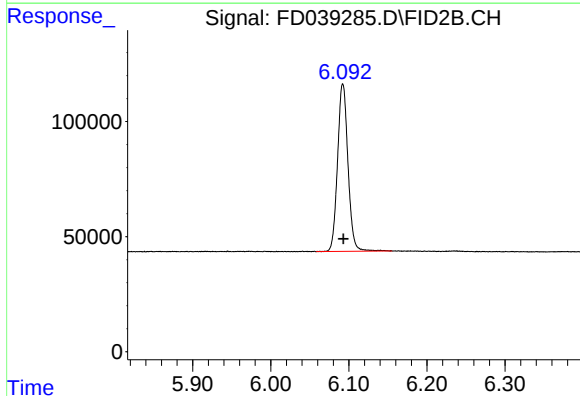
#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: -0.002 min
Response: 612481
Conc: 5.34 ug/ml



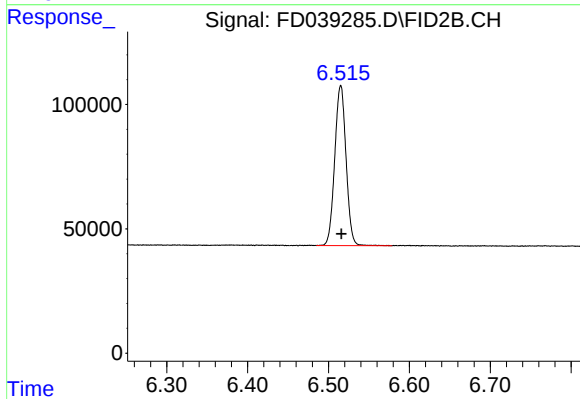
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 617178
Conc: 5.35 ug/ml



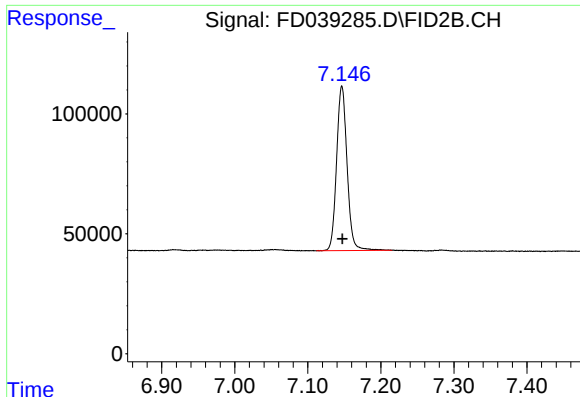
#3 A~Naphthalene (C11.7)

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 673542
Conc: 5.29 ug/ml



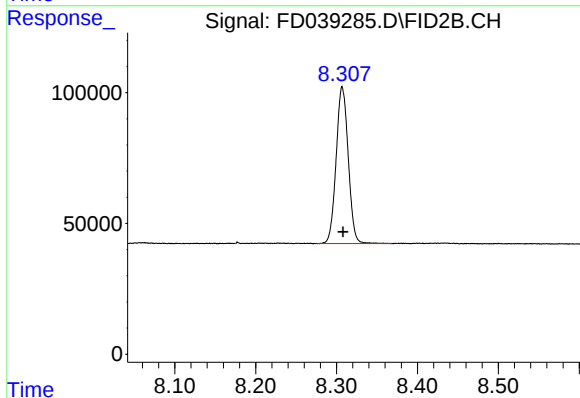
#4 n-Dodecane (C12)

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 623751
Conc: 5.34 ug/ml



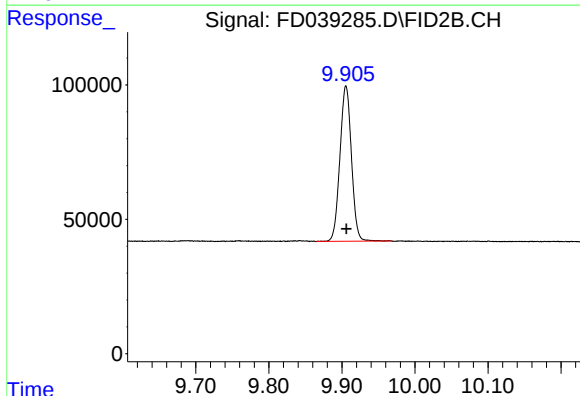
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 683051
Conc: 5.25 ug/ml



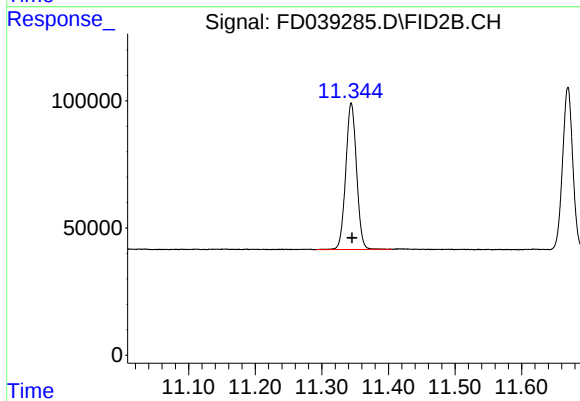
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 622897
Conc: 5.36 ug/ml



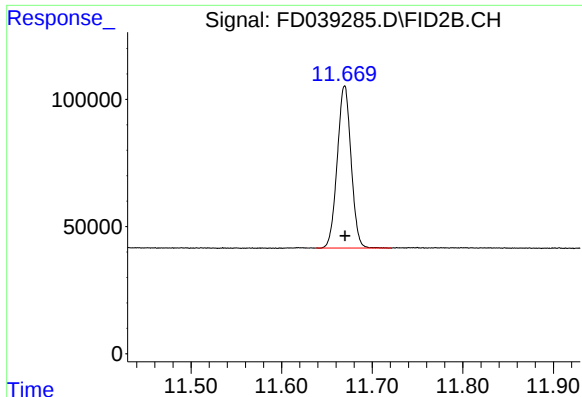
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.000 min
Response: 633338
Conc: 5.36 ug/ml



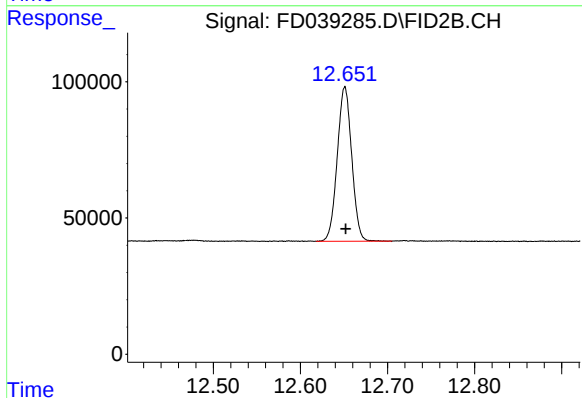
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 648805
Conc: 5.38 ug/ml



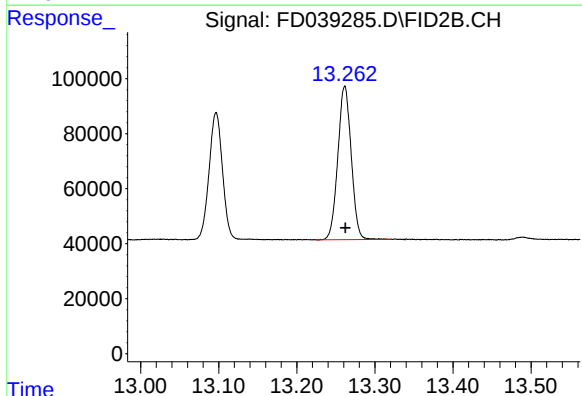
#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: 0.000 min
Response: 675103
Conc: 5.37 ug/ml



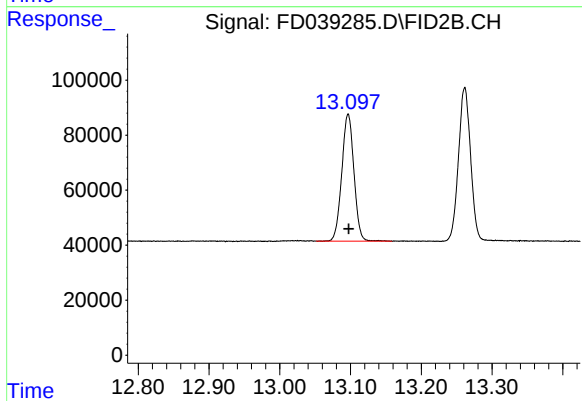
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.001 min
Response: 653240
Conc: 5.38 ug/ml



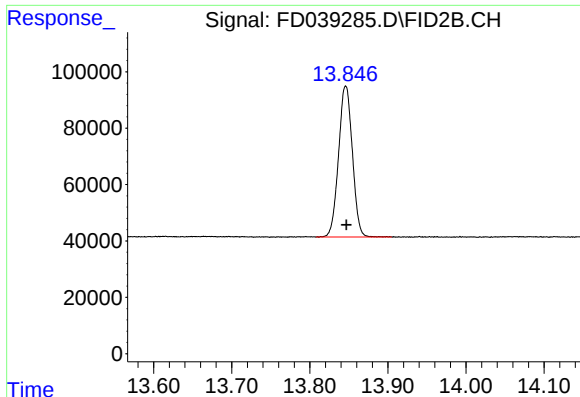
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: 0.000 min
Response: 664238
Conc: 5.39 ug/ml



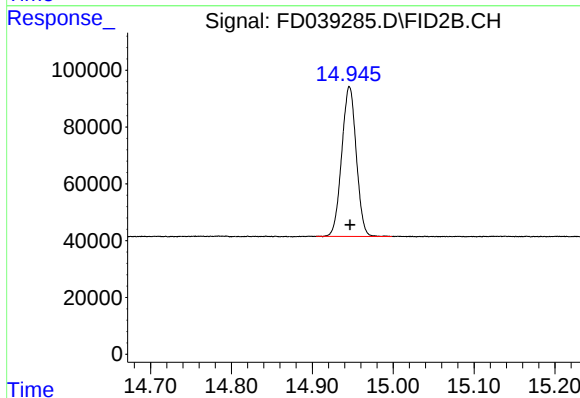
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: 0.000 min
Response: 551498
Conc: 5.39 ug/ml



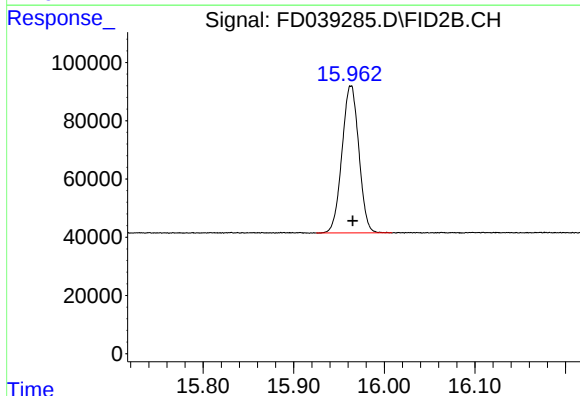
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: 0.000 min
Response: 657571
Conc: 5.37 ug/ml



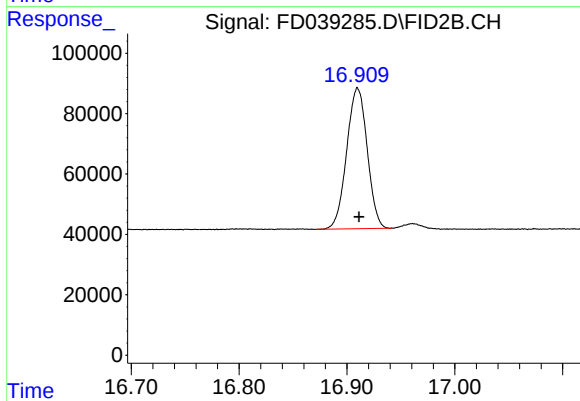
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: 0.000 min
Response: 659196
Conc: 5.39 ug/ml



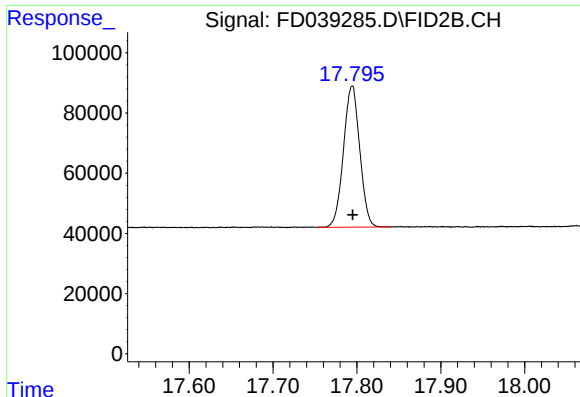
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.002 min
Response: 652364
Conc: 5.39 ug/ml



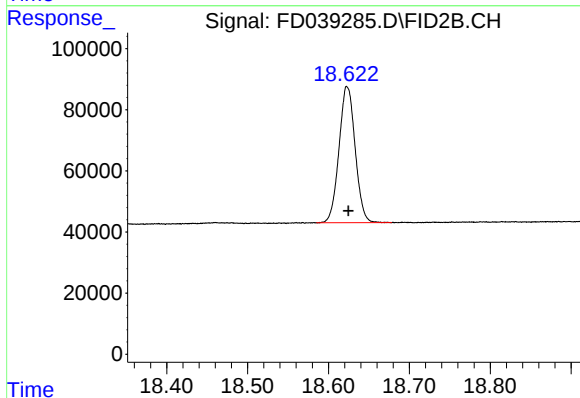
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.001 min
Response: 616027
Conc: 5.37 ug/ml



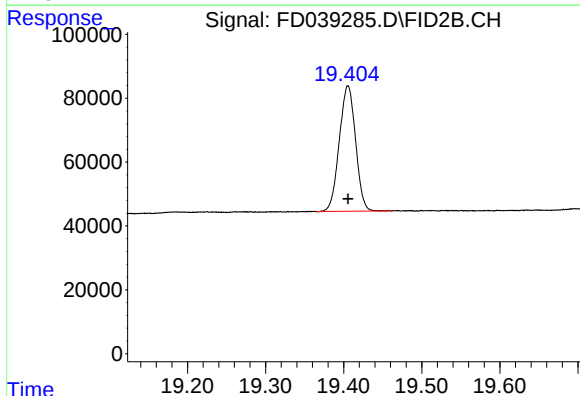
#17 n-Tricontane (C30)

R.T.: 17.794 min
Delta R.T.: 0.000 min
Response: 632166
Conc: 5.47 ug/ml



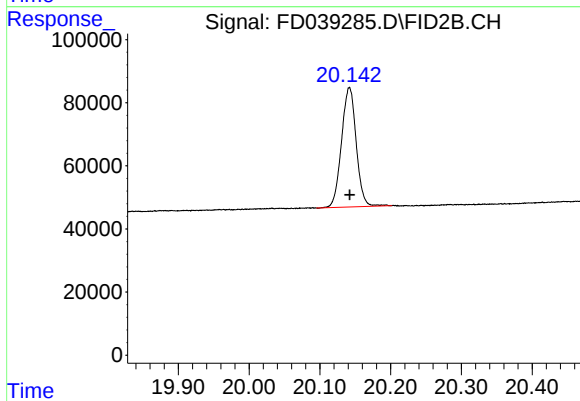
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: -0.001 min
Response: 618729
Conc: 5.53 ug/ml



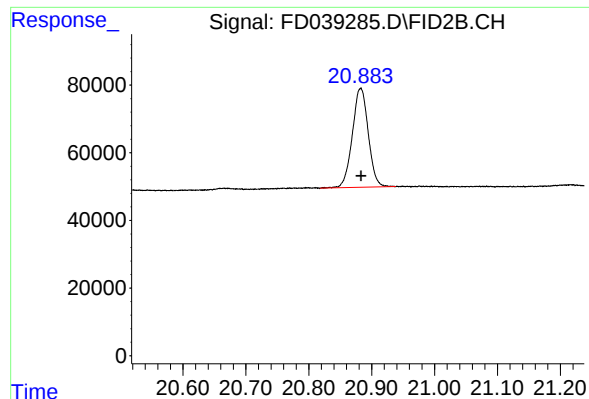
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: 0.000 min
Response: 569143
Conc: 5.47 ug/ml



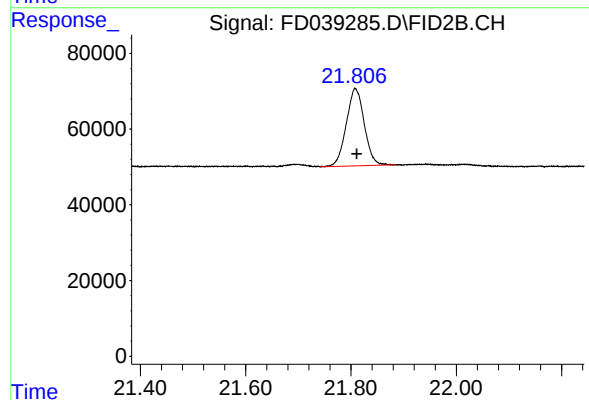
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 545361
Conc: 5.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: 0.000 min
Response: 514461
Conc: 5.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.808 min
Delta R.T.: -0.003 min
Response: 483547
Conc: 5.31 ug/ml