

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AL\
 Data File : FD035121.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2020 22:31
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 23 03:04:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 03:02:07 2020
 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)	11.550	599867	4.492 ug/ml
Spiked Amount 50.000		Recovery =	8.98%
12) S 1-chlorooctadecane (S...	12.982	474014	4.428 ug/ml
Spiked Amount 50.000		Recovery =	8.86%
Target Compounds			
1) T n-Nonane (C9)	3.342	514190	4.434 ug/ml
2) T n-Decane (C10)	4.405	516231	4.426 ug/ml
3) T A~Naphthalene (C11.7)	5.987	536931	4.180 ug/ml
4) T n-Dodecane (C12)	6.415	524879	4.401 ug/ml
5) T A~2-methylnaphthalene...	7.039	536642	4.097 ug/ml
6) T n-Tetradecane (C14)	8.204	508296	4.286 ug/ml
7) T n-Hexadecane (C16)	9.799	523264	4.405 ug/ml
8) T n-Octadecane (C18)	11.235	557640	4.473 ug/ml
10) T n-Eicosane (C20)	12.539	569153	4.496 ug/ml
11) T n-Heneicosane (C21)	13.148	571498	4.526 ug/ml
13) T n-Docosane (C22)	13.732	571341	4.526 ug/ml
14) T n-Tetracosane (C24)	14.830	565619	4.507 ug/ml
15) T n-Hexacosane (C26)	15.847	553698	4.511 ug/ml
16) T n-Octacosane (C28)	16.791	547220	4.560 ug/ml
17) T n-Tricontane (C30)	17.674	529106	4.620 ug/ml
18) T n-Dotriacontane (C32)	18.503	489033	4.718 ug/ml
19) T n-Tetratriacontane (C34)	19.280	442240	4.661 ug/ml
20) T n-Hexatriacontane (C36)	20.016	393126	4.553 ug/ml
21) T n-Octatriacontane (C38)	20.739	372371	4.585 ug/ml
22) T n-Tetracontane (C40)	21.622	363749	4.424 ug/ml

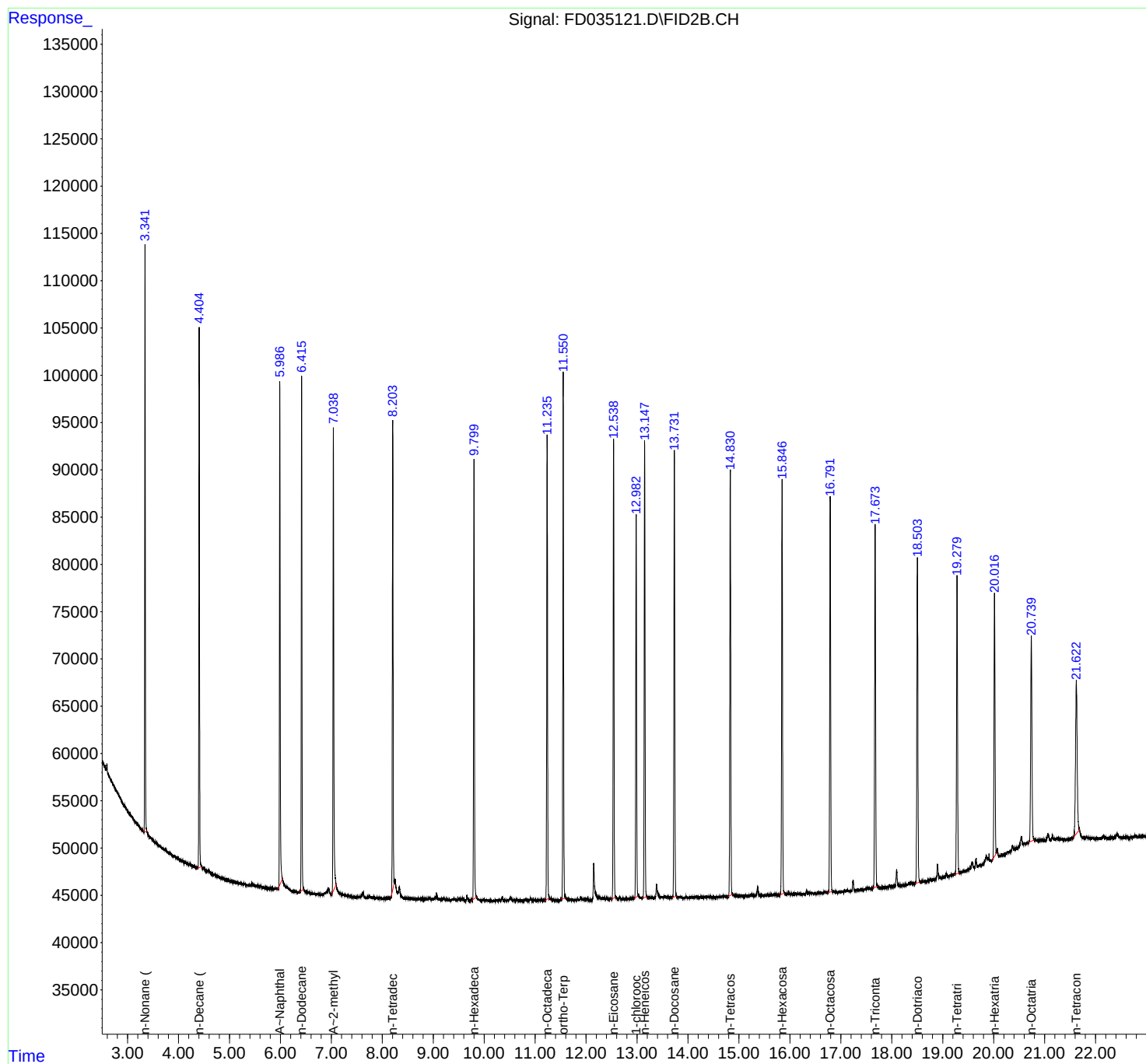
(f)=RT Delta > 1/2 Window

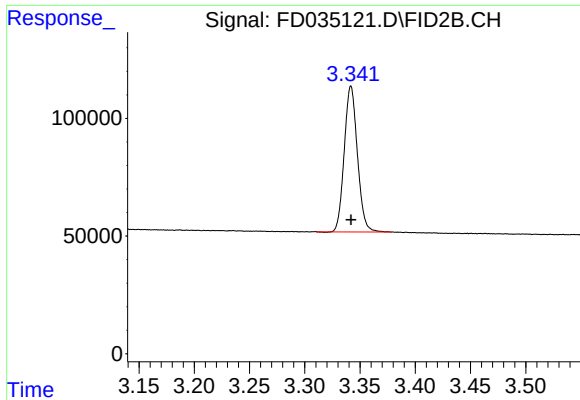
(m)=manual int.

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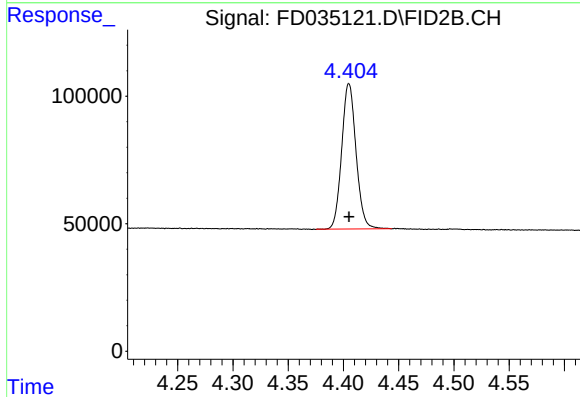
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Signal Info : 20M x 0.18mm x 0.18um





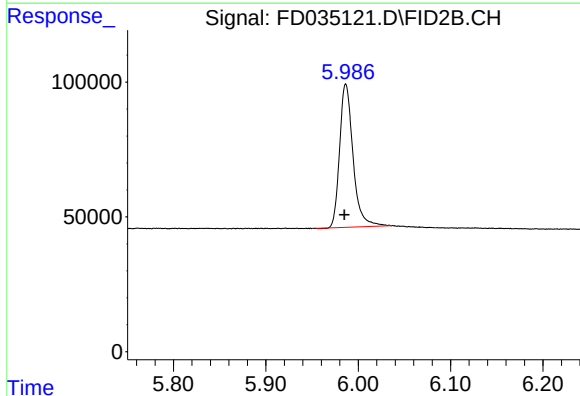
#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 514190
Conc: 4.43 ug/ml



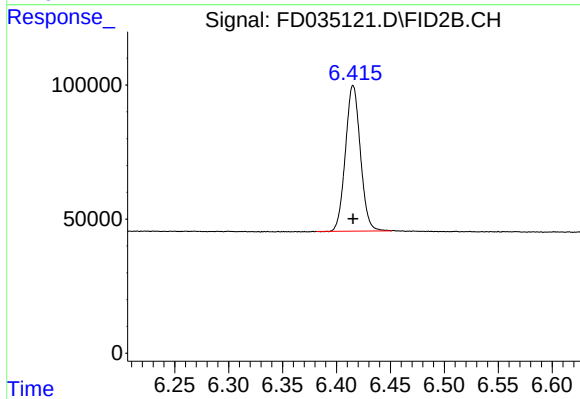
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 516231
Conc: 4.43 ug/ml



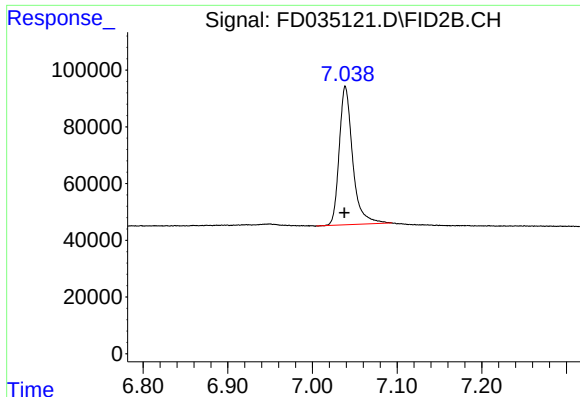
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: 0.001 min
Response: 536931
Conc: 4.18 ug/ml



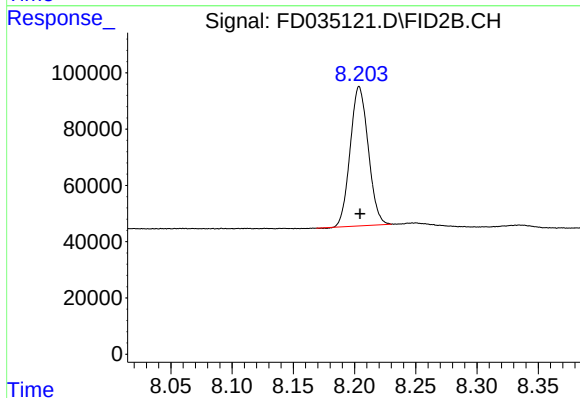
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 524879
Conc: 4.40 ug/ml



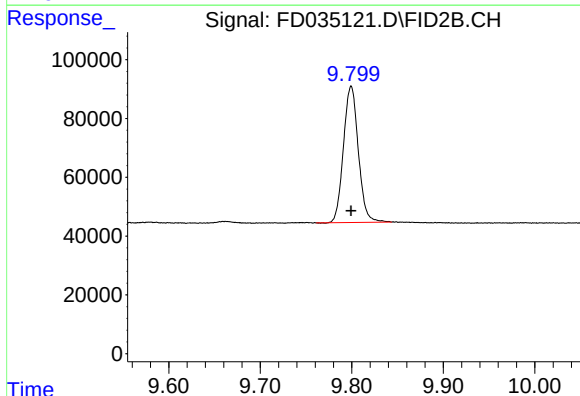
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.001 min
Response: 536642
Conc: 4.10 ug/ml



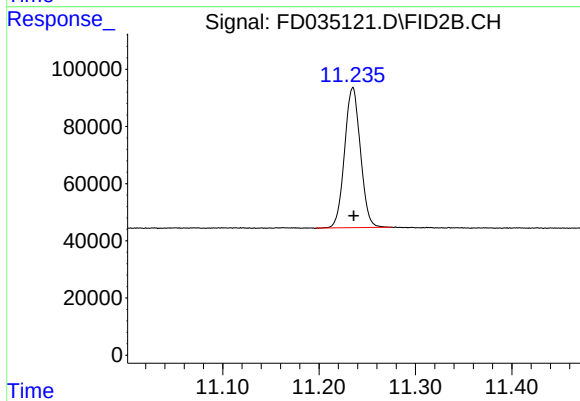
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 508296
Conc: 4.29 ug/ml



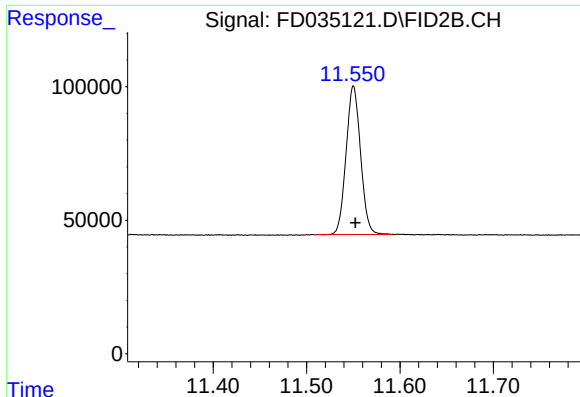
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: 0.000 min
Response: 523264
Conc: 4.41 ug/ml



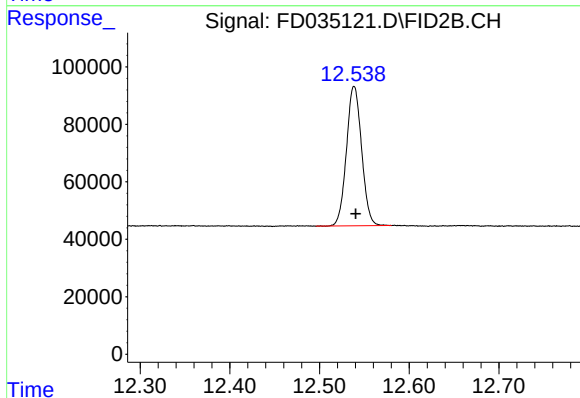
#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: -0.001 min
Response: 557640
Conc: 4.47 ug/ml



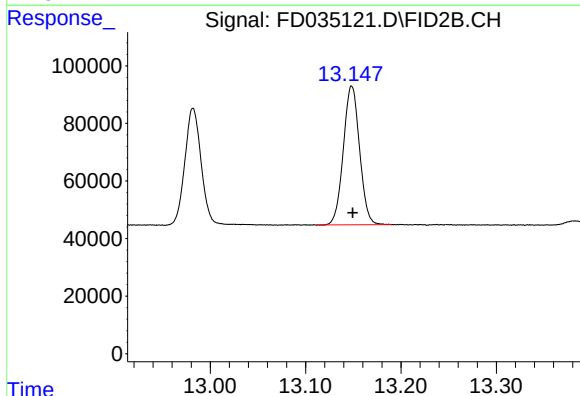
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.002 min
Response: 599867
Conc: 4.49 ug/ml



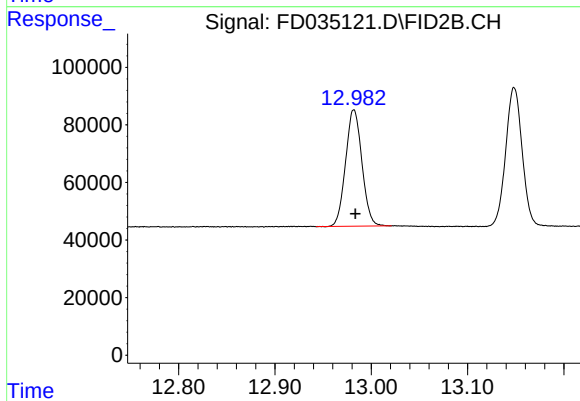
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: -0.002 min
Response: 569153
Conc: 4.50 ug/ml



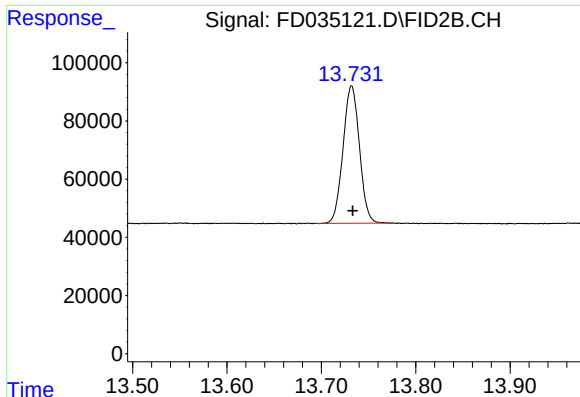
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: 0.000 min
Response: 571498
Conc: 4.53 ug/ml



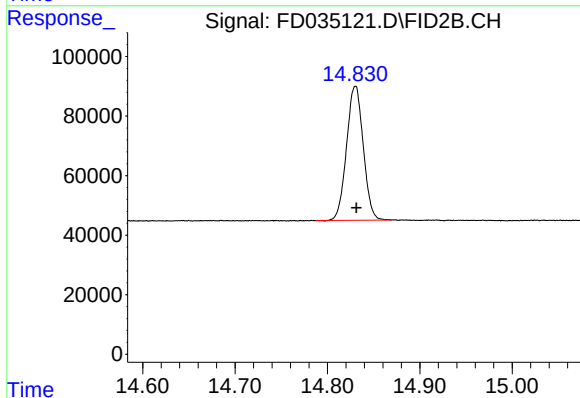
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: -0.001 min
Response: 474014
Conc: 4.43 ug/ml



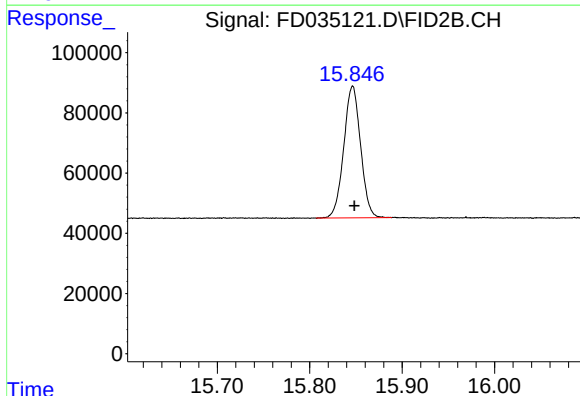
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.001 min
Response: 571341
Conc: 4.53 ug/ml



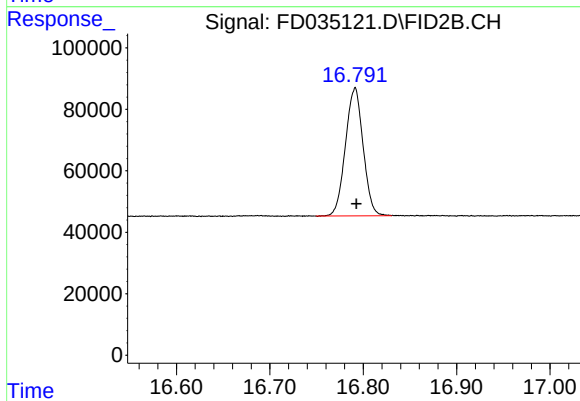
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.001 min
Response: 565619
Conc: 4.51 ug/ml



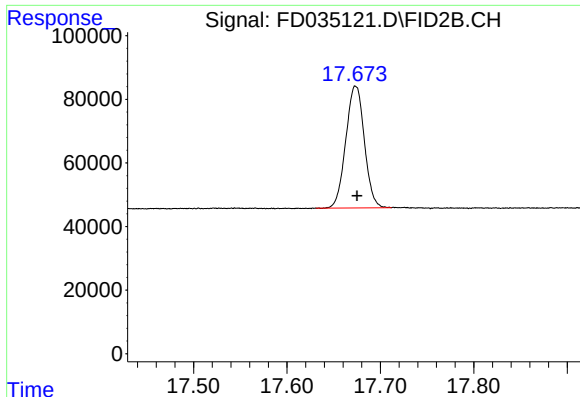
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.002 min
Response: 553698
Conc: 4.51 ug/ml



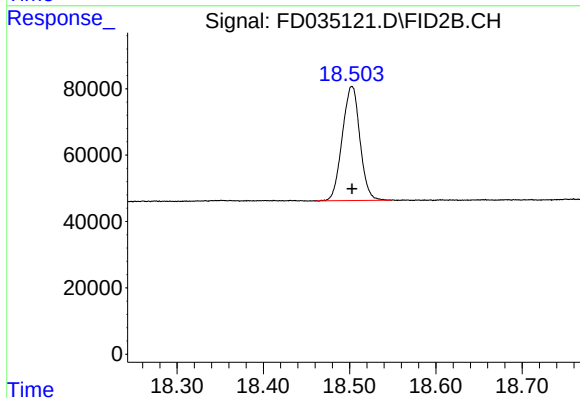
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.001 min
Response: 547220
Conc: 4.56 ug/ml



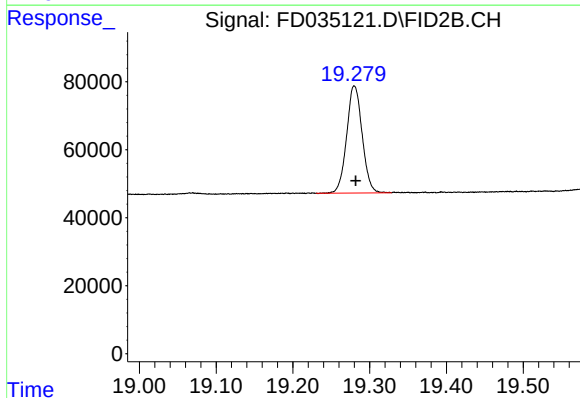
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: -0.001 min
Response: 529106
Conc: 4.62 ug/ml



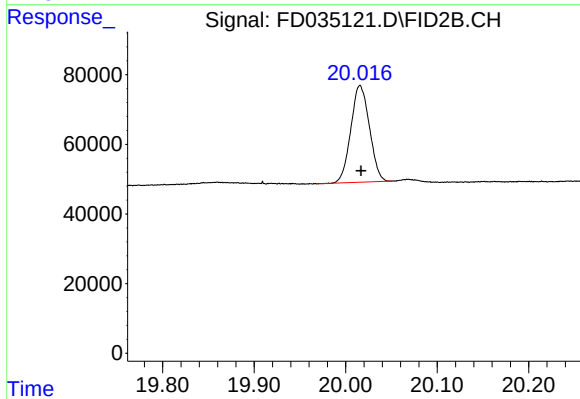
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.000 min
Response: 489033
Conc: 4.72 ug/ml



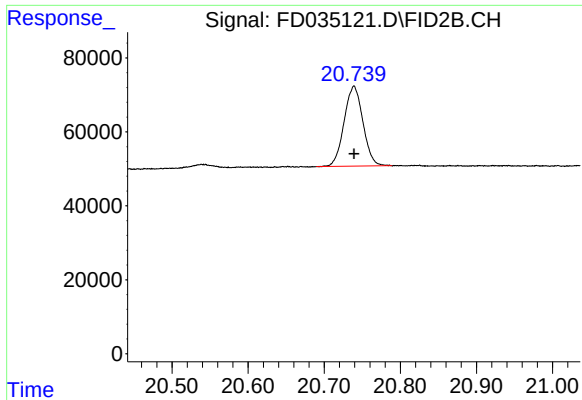
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.002 min
Response: 442240
Conc: 4.66 ug/ml



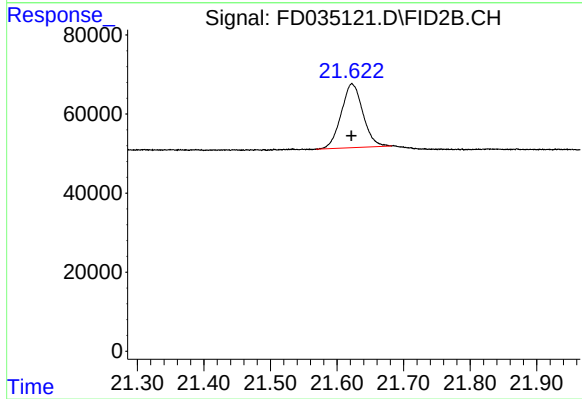
#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: -0.001 min
Response: 393126
Conc: 4.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.000 min
Response: 372371
Conc: 4.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: 0.000 min
Response: 363749
Conc: 4.42 ug/ml