

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112020AL\
 Data File : FD035611.D
 Signal(s) : FID2B.CH
 Acq On : 21 Nov 2020 10:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 21 11:06:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.521	2806143	21.572 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
12) S 1-chlorooctadecane (S...	12.952	2222021	21.321 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
Target Compounds			
1) T n-Nonane (C9)	3.313	2499917	22.201 ug/ml
2) T n-Decane (C10)	4.378	2550919	22.574 ug/ml
3) T A~Naphthalene (C11.7)	5.958	2794788	22.853 ug/ml
4) T n-Dodecane (C12)	6.388	2628103	22.731 ug/ml
5) T A~2-methylnaphthalene...	7.010	2859623	22.854 ug/ml
6) T n-Tetradecane (C14)	8.176	2638527	22.911 ug/ml
7) T n-Hexadecane (C16)	9.770	2603515	22.785 ug/ml
8) T n-Octadecane (C18)	11.206	2703607	22.404 ug/ml
10) T n-Eicosane (C20)	12.510	2684936	21.894 ug/ml
11) T n-Heneicosane (C21)	13.118	2644247	21.507 ug/ml
13) T n-Docosane (C22)	13.702	2629055	21.321 ug/ml
14) T n-Tetracosane (C24)	14.800	2593586	20.964 ug/ml
15) T n-Hexacosane (C26)	15.816	2499276	20.305 ug/ml
16) T n-Octacosane (C28)	16.760	2460236	19.983 ug/ml
17) T n-Tricontane (C30)	17.644	2419044	20.016 ug/ml
18) T n-Dotriacontane (C32)	18.472	2271467	20.202 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2103350	20.040 ug/ml
20) T n-Hexatriacontane (C36)	19.986	1948392	20.339 ug/ml
21) T n-Octatriacontane (C38)	20.704	1759933	19.813 ug/ml
22) T n-Tetracontane (C40)	21.577	1667243	18.997 ug/ml

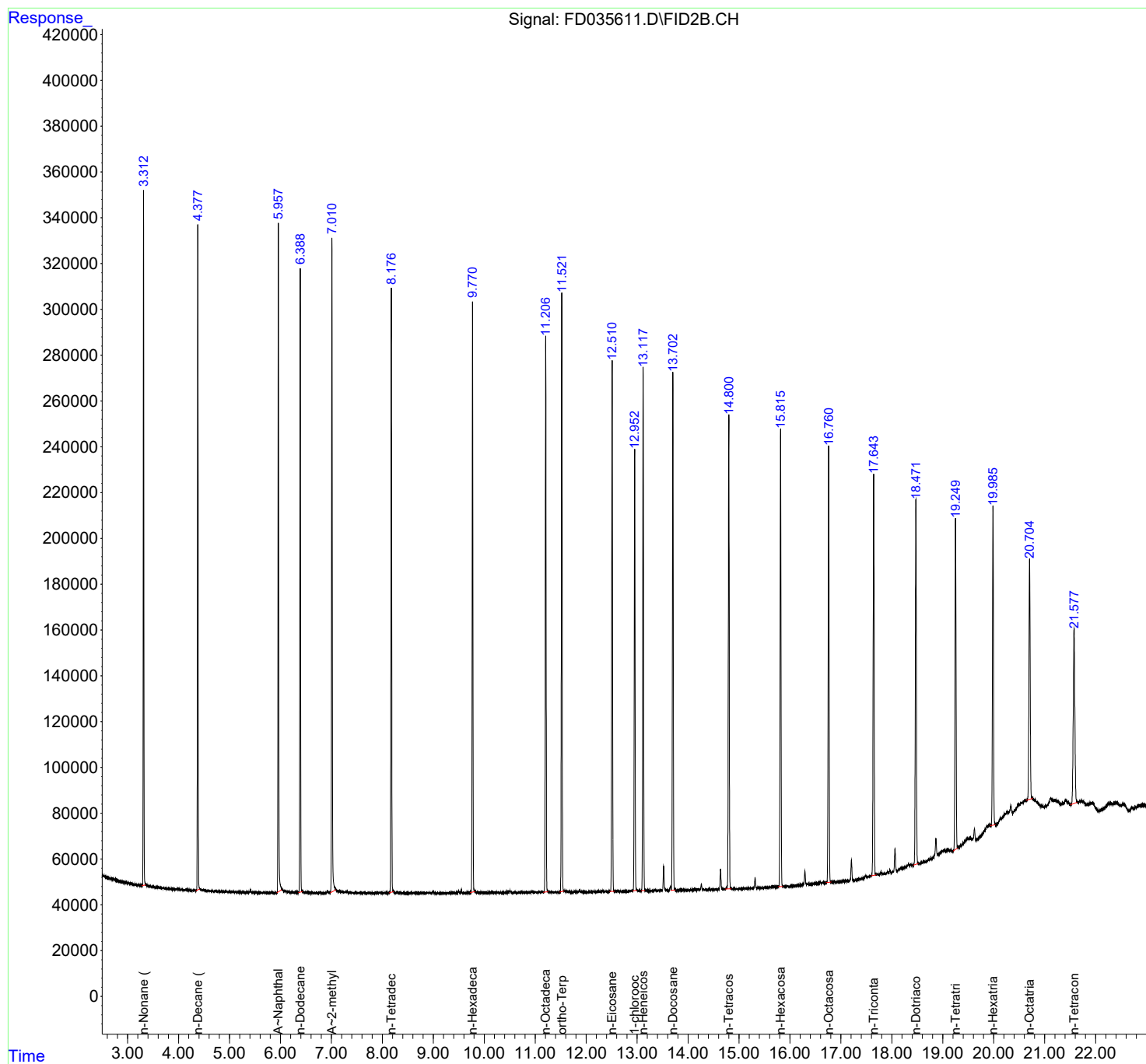
(f)=RT Delta > 1/2 Window

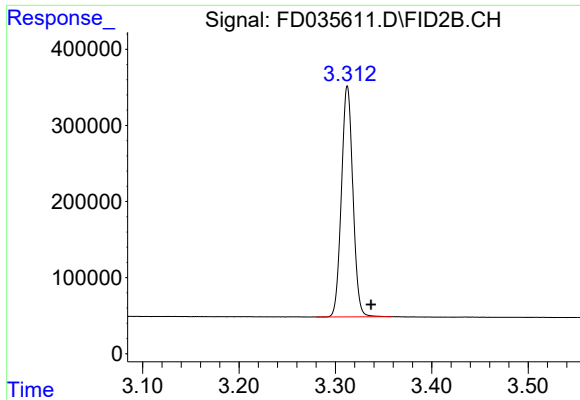
(m)=manual int.

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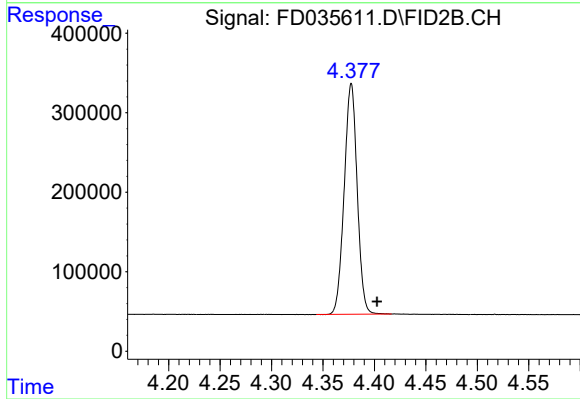
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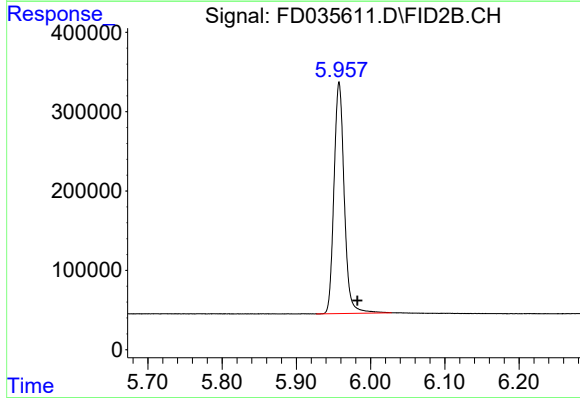
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.024 min
Response: 2499917
Conc: 22.20 ug/ml



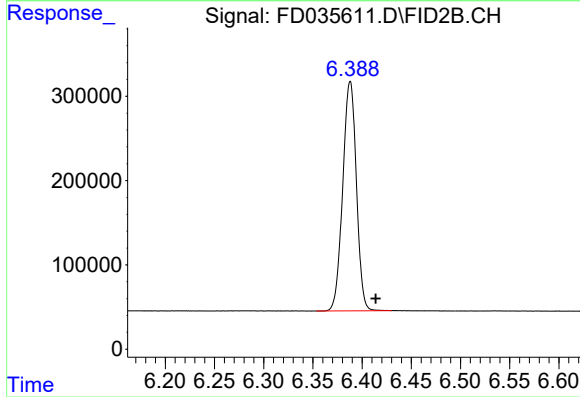
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.025 min
Response: 2550919
Conc: 22.57 ug/ml



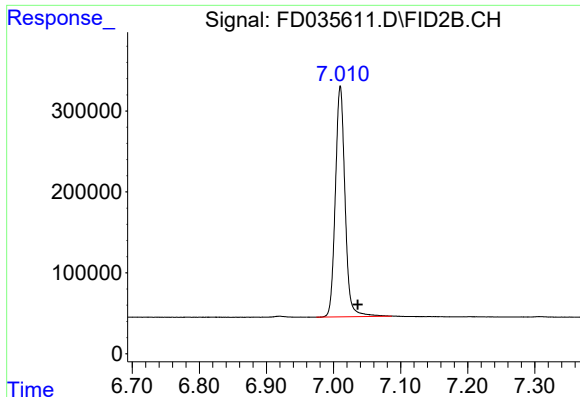
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.025 min
Response: 2794788
Conc: 22.85 ug/ml



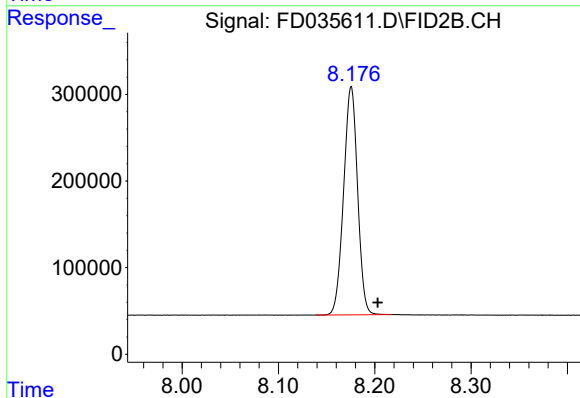
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.026 min
Response: 2628103
Conc: 22.73 ug/ml



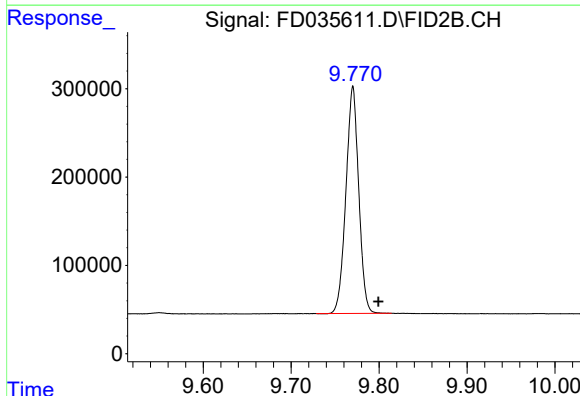
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.026 min
Response: 2859623
Conc: 22.85 ug/ml



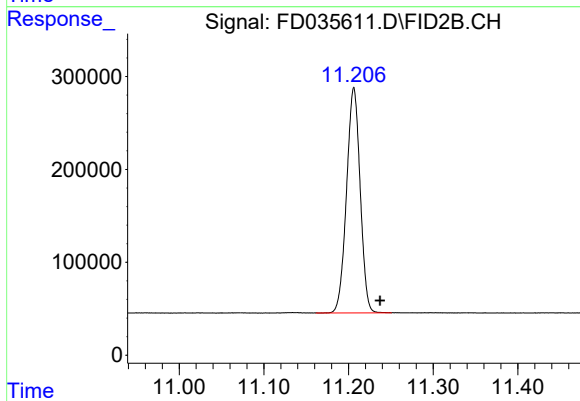
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.028 min
Response: 2638527
Conc: 22.91 ug/ml



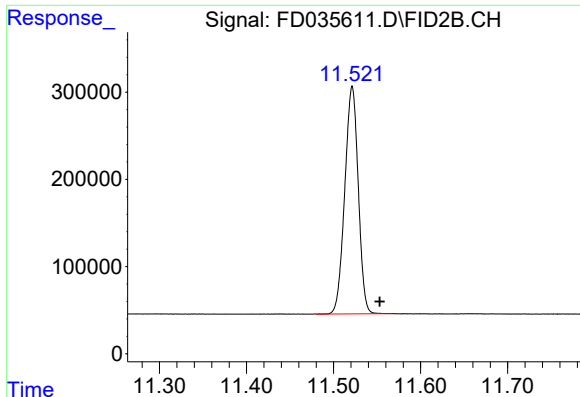
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.029 min
Response: 2603515
Conc: 22.78 ug/ml



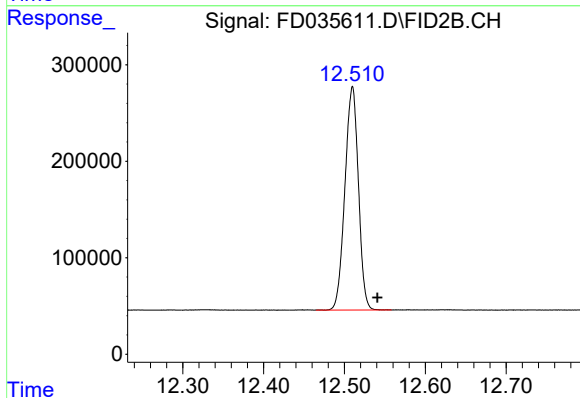
#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.031 min
Response: 2703607
Conc: 22.40 ug/ml



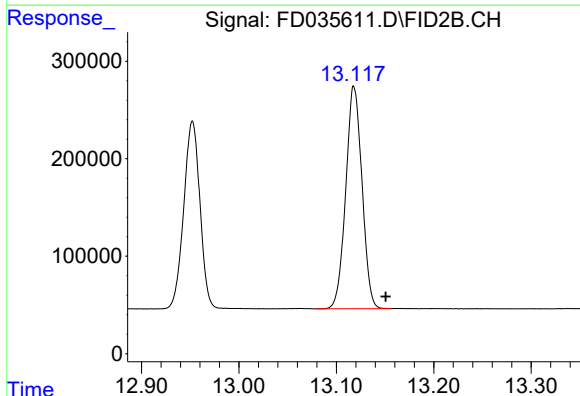
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.032 min
Response: 2806143
Conc: 21.57 ug/ml



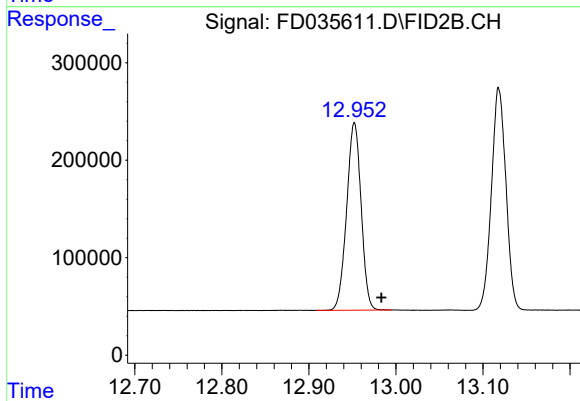
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.031 min
Response: 2684936
Conc: 21.89 ug/ml



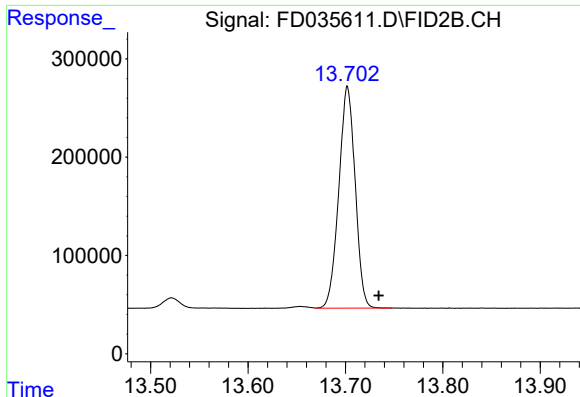
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.033 min
Response: 2644247
Conc: 21.51 ug/ml



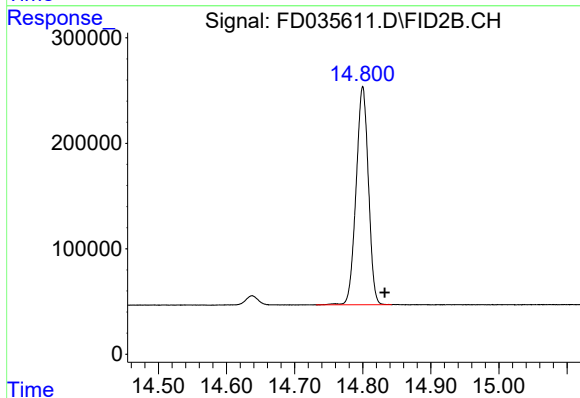
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: -0.031 min
Response: 2222021
Conc: 21.32 ug/ml



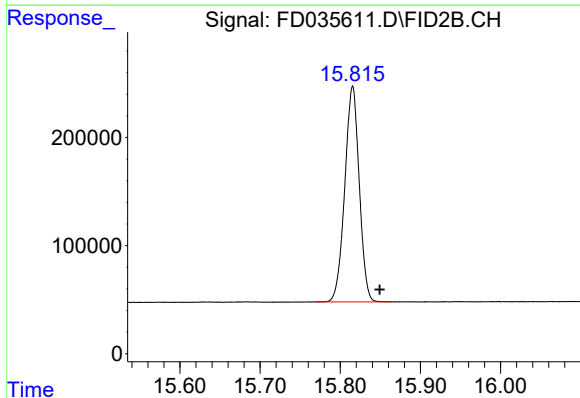
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: -0.032 min
Response: 2629055
Conc: 21.32 ug/ml



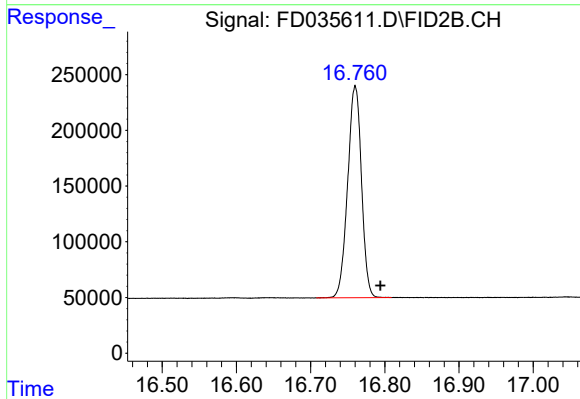
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.032 min
Response: 2593586
Conc: 20.96 ug/ml



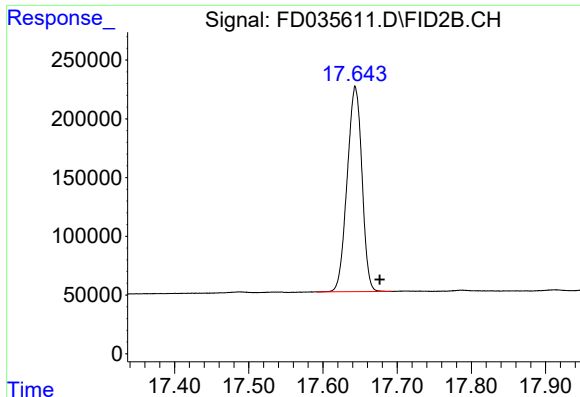
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.034 min
Response: 2499276
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: -0.034 min
Response: 2460236
Conc: 19.98 ug/ml



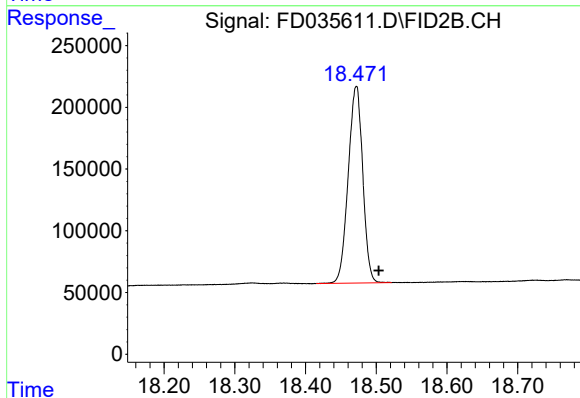
#17 n-Tricontane (C30)

R.T.: 17.644 min

Delta R.T.: -0.033 min

Response: 2419044

Conc: 20.02 ug/ml



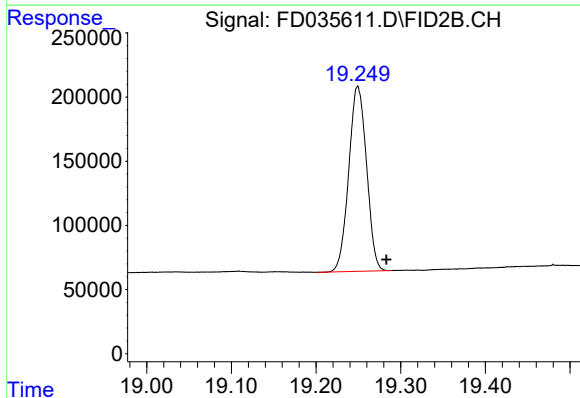
#18 n-Dotriacontane (C32)

R.T.: 18.472 min

Delta R.T.: -0.031 min

Response: 2271467

Conc: 20.20 ug/ml



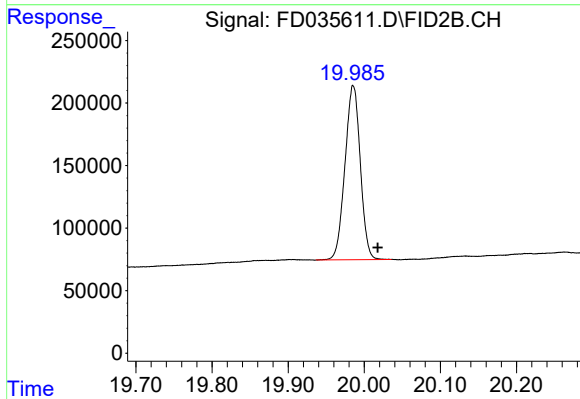
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min

Delta R.T.: -0.034 min

Response: 2103350

Conc: 20.04 ug/ml



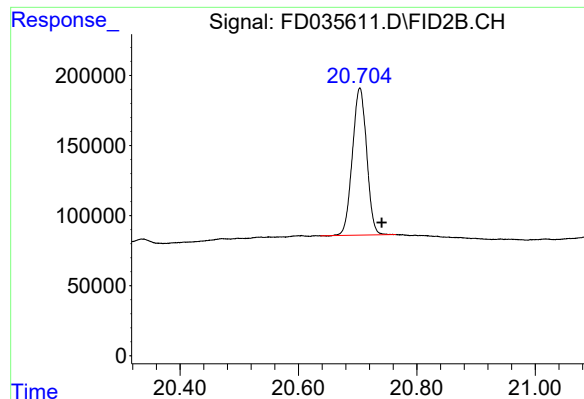
#20 n-Hexatriacontane (C36)

R.T.: 19.986 min

Delta R.T.: -0.032 min

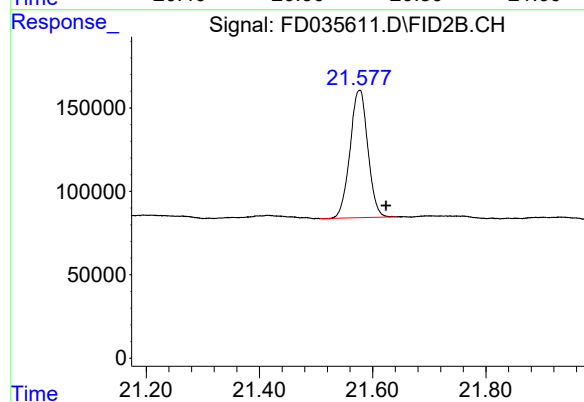
Response: 1948392

Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.037 min
Response: 1759933
Conc: 19.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.047 min
Response: 1667243
Conc: 19.00 ug/ml