

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120720AL\
 Data File : FD035767.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2020 19:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 01:44:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 05:38:14 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)	11.512	2756917	19.741 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	12.943	2174273	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.305	2635205	22.013 ug/ml
2) T n-Decane (C10)	4.367	2674345	22.166 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2851766	21.925 ug/ml
4) T n-Dodecane (C12)	6.377	2742087	22.041 ug/ml
5) T A~2-methylnaphthalene...	7.002	2893519	21.773 ug/ml
6) T n-Tetradecane (C14)	8.165	2730497	21.784 ug/ml
7) T n-Hexadecane (C16)	9.759	2656109	21.397 ug/ml
8) T n-Octadecane (C18)	11.196	2708160	20.719 ug/ml
10) T n-Eicosane (C20)	12.500	2646506	19.965 ug/ml
11) T n-Heneicosane (C21)	13.110	2594083	19.613 ug/ml
13) T n-Docosane (C22)	13.694	2538686	19.214 ug/ml
14) T n-Tetracosane (C24)	14.792	2450171	18.667 ug/ml
15) T n-Hexacosane (C26)	15.810	2341227	18.316 ug/ml
16) T n-Octacosane (C28)	16.757	2276344	18.339 ug/ml
17) T n-Tricontane (C30)	17.641	2218259	18.852 ug/ml
18) T n-Dotriacontane (C32)	18.469	2091896	19.818 ug/ml
19) T n-Tetratriacontane (C34)	19.247	1986508	20.740 ug/mlm
20) T n-Hexatriacontane (C36)	19.985	1914790	21.588 ug/mlm
21) T n-Octatriacontane (C38)	20.703	1854311	22.232 ug/ml
22) T n-Tetracontane (C40)	21.577	1888727	22.434 ug/ml

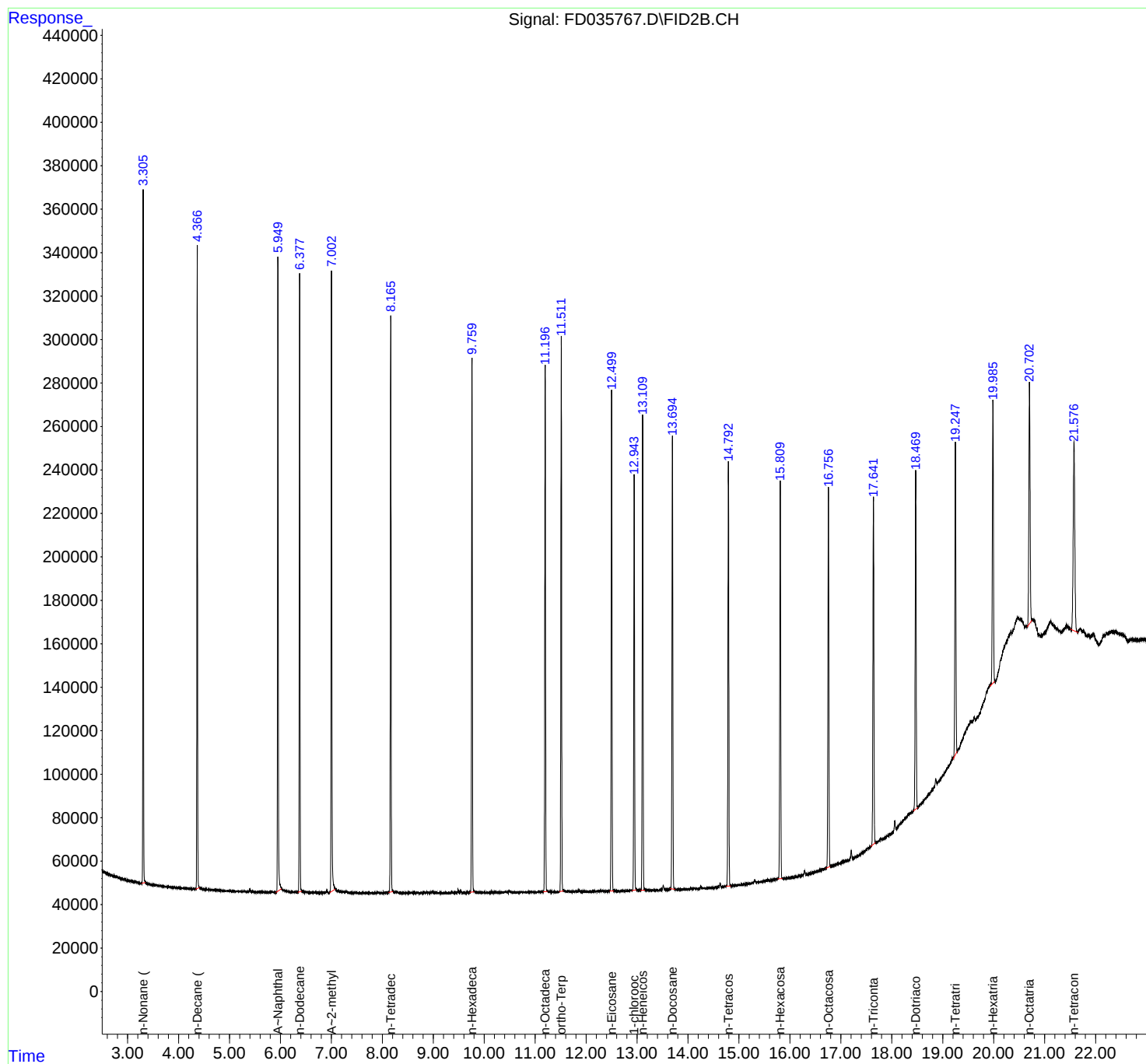
(f)=RT Delta > 1/2 Window

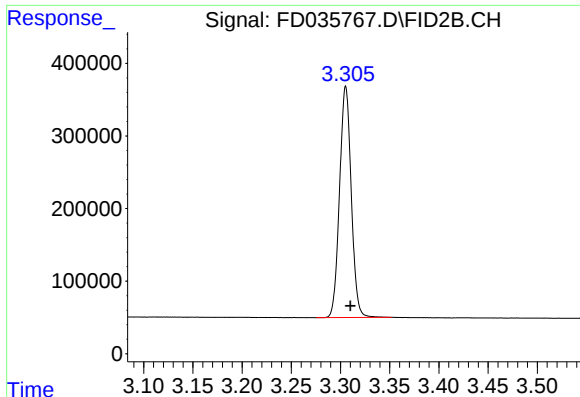
(m)=manual int.

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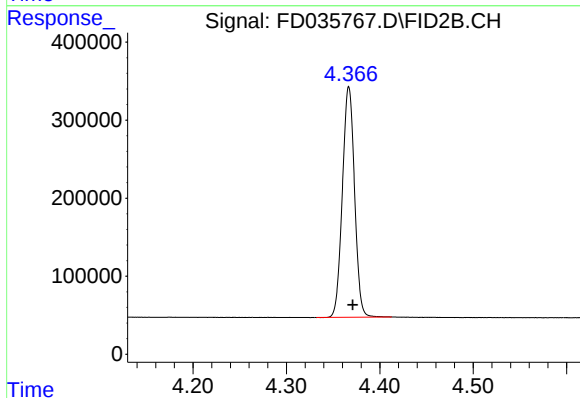
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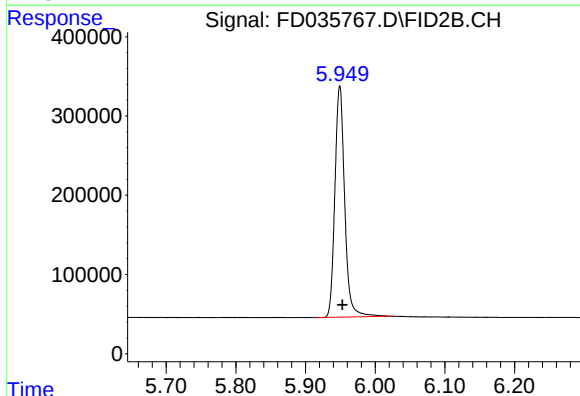
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.005 min
Response: 2635205
Conc: 22.01 ug/ml



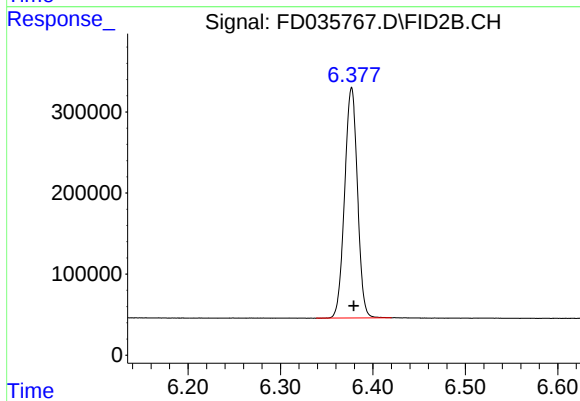
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2674345
Conc: 22.17 ug/ml



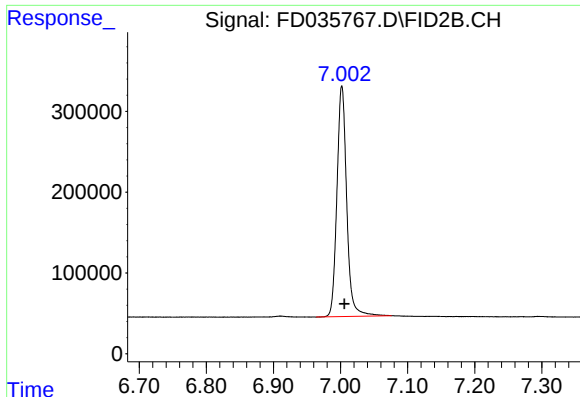
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 2851766
Conc: 21.92 ug/ml



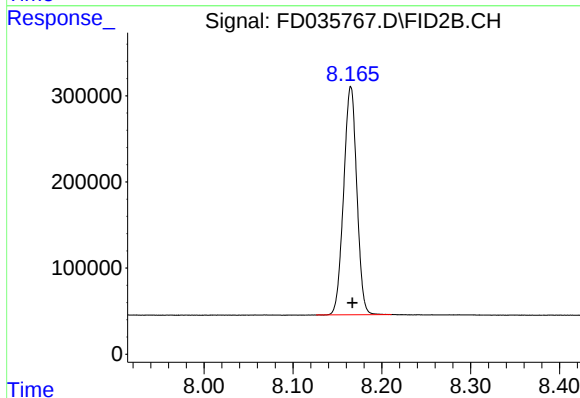
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 2742087
Conc: 22.04 ug/ml



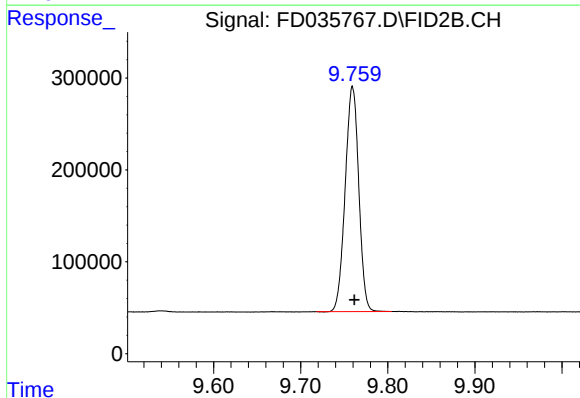
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 2893519
Conc: 21.77 ug/ml



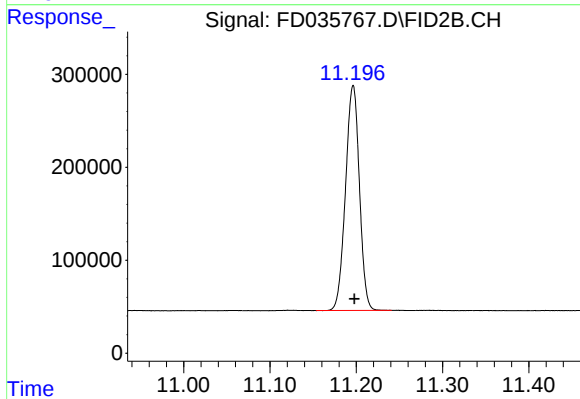
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 2730497
Conc: 21.78 ug/ml



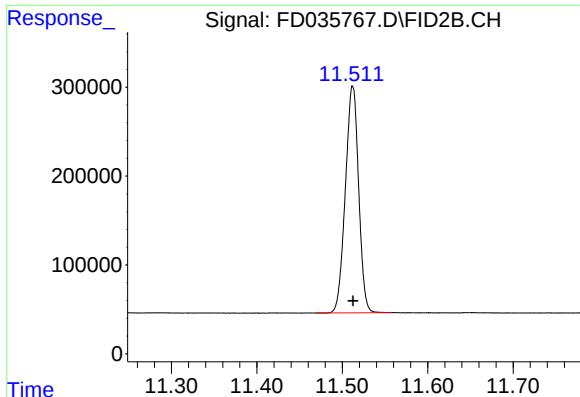
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.002 min
Response: 2656109
Conc: 21.40 ug/ml



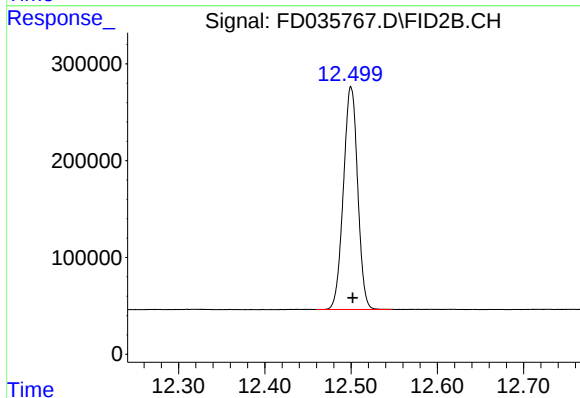
#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.001 min
Response: 2708160
Conc: 20.72 ug/ml



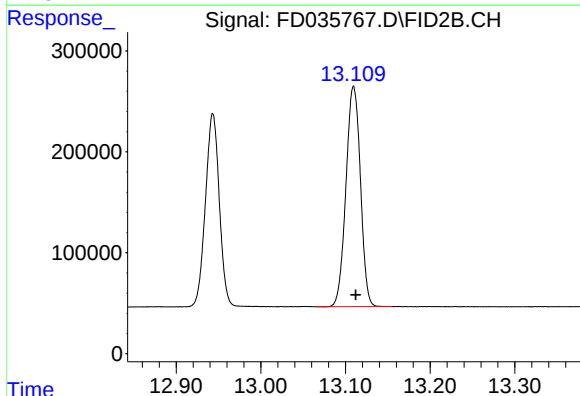
#9 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 2756917
Conc: 19.74 ug/ml



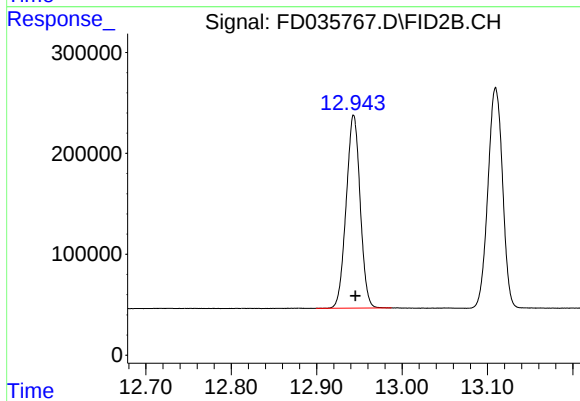
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.002 min
Response: 2646506
Conc: 19.97 ug/ml



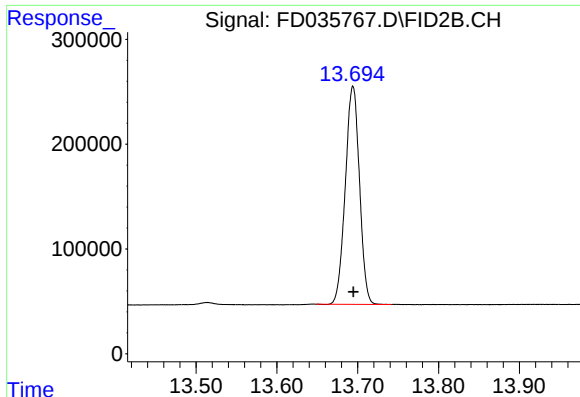
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.003 min
Response: 2594083
Conc: 19.61 ug/ml



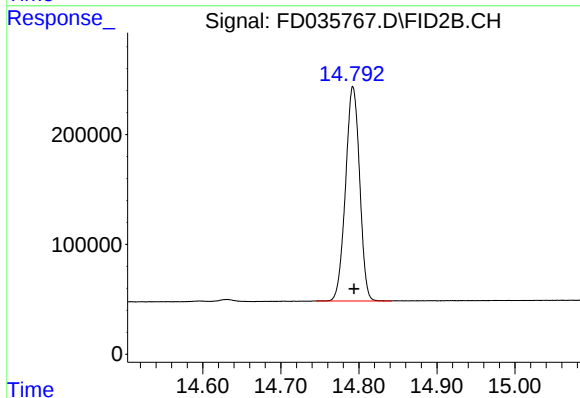
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: -0.002 min
Response: 2174273
Conc: 19.39 ug/ml



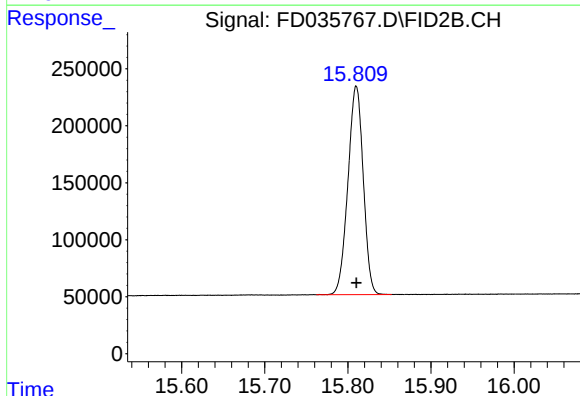
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.000 min
Response: 2538686
Conc: 19.21 ug/ml



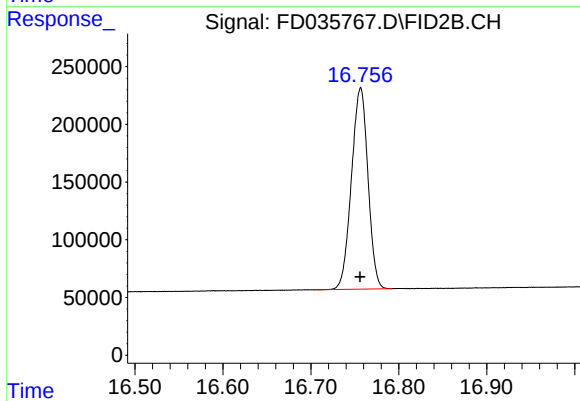
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.002 min
Response: 2450171
Conc: 18.67 ug/ml



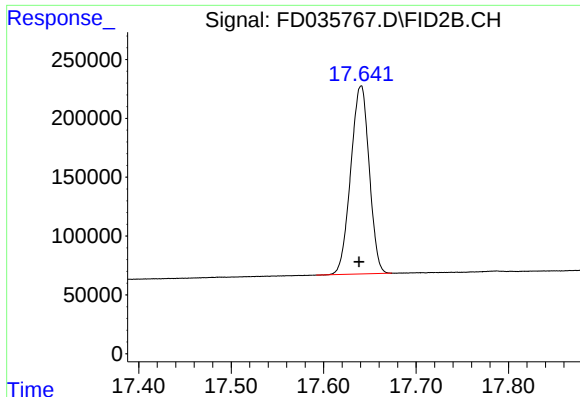
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.000 min
Response: 2341227
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 2276344
Conc: 18.34 ug/ml



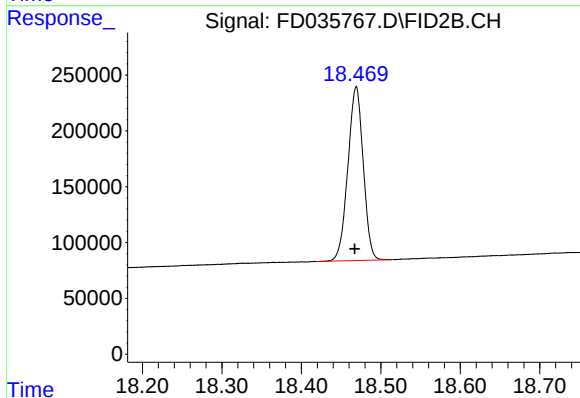
#17 n-Tricontane (C30)

R.T.: 17.641 min

Delta R.T.: 0.002 min

Response: 2218259

Conc: 18.85 ug/ml



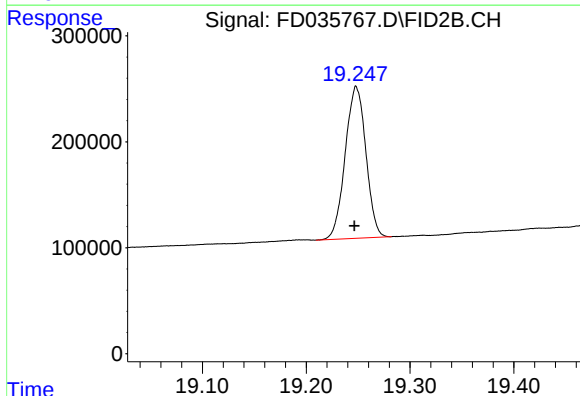
#18 n-Dotriacontane (C32)

R.T.: 18.469 min

Delta R.T.: 0.002 min

Response: 2091896

Conc: 19.82 ug/ml



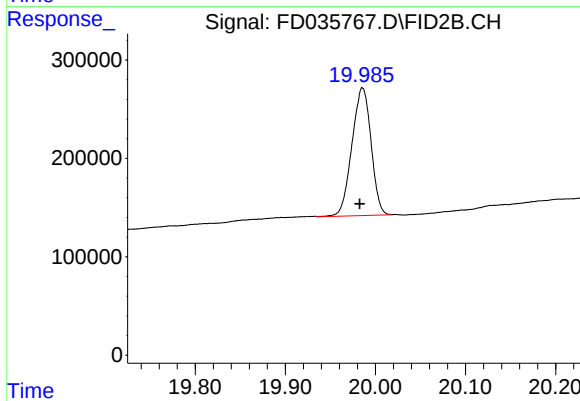
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min

Delta R.T.: 0.001 min

Response: 1986508

Conc: 20.74 ug/ml m



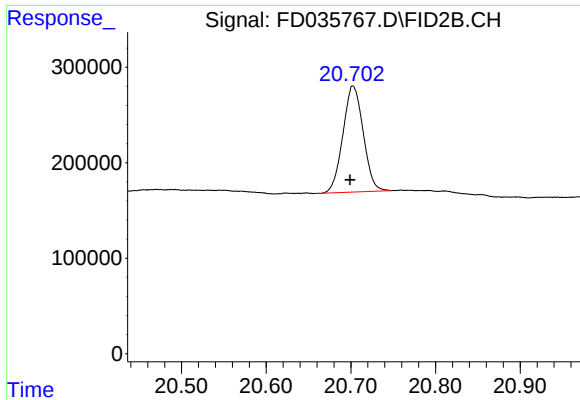
#20 n-Hexatriacontane (C36)

R.T.: 19.985 min

Delta R.T.: 0.002 min

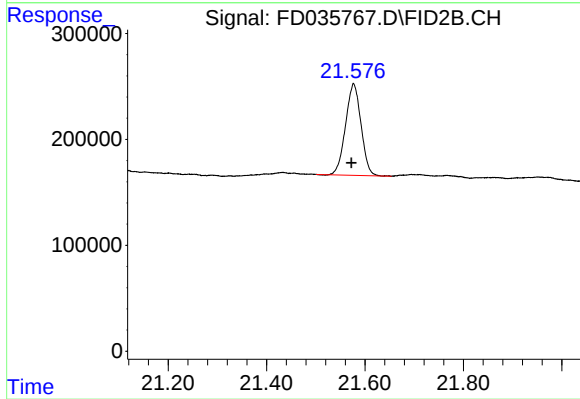
Response: 1914790

Conc: 21.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: 0.004 min
Response: 1854311
Conc: 22.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: 0.005 min
Response: 1888727
Conc: 22.43 ug/ml