

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AL\
 Data File : FD040911.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 2:59
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 03:29:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:05:22 2022
 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)	11.235	141759	5.090 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
12) S 1-chlorooctadecane (S...	12.677	99558	4.698 ug/ml
Spiked Amount 50.000		Recovery =	9.40%
Target Compounds			
1) T n-Nonane (C9)	3.083	109446	4.825 ug/ml
2) T n-Decane (C10)	4.142	105521	4.617 ug/ml
3) T A~Naphthalene (C11.7)	5.706	101218	4.456 ug/mlm
4) T n-Dodecane (C12)	6.144	103743	4.412 ug/ml
5) T A~2-methylnaphthalene...	6.755	89956	4.024 ug/mlm
6) T n-Tetradecane (C14)	7.922	104729	4.328 ug/ml
7) T n-Hexadecane (C16)	9.508	111119	4.536 ug/ml
8) T n-Octadecane (C18)	10.938	119785	4.720 ug/ml
10) T n-Eicosane (C20)	12.239	123883	4.933 ug/ml
11) T n-Heneicosane (C21)	12.846	125966	4.950 ug/ml
13) T n-Docosane (C22)	13.429	124713	4.978 ug/ml
14) T n-Tetracosane (C24)	14.524	123758	4.979 ug/ml
15) T n-Hexacosane (C26)	15.539	120932	4.985 ug/ml
16) T n-Octacosane (C28)	16.483	121007	5.032 ug/ml
17) T n-Tricontane (C30)	17.365	122462	5.175 ug/ml
18) T n-Dotriacontane (C32)	18.193	112951	5.045 ug/ml
19) T n-Tetratriacontane (C34)	18.972	111261	5.205 ug/ml
20) T n-Hexatriacontane (C36)	19.708	100631	5.077 ug/ml
21) T n-Octatriacontane (C38)	20.406	93707	4.933 ug/ml
22) T n-Tetracontane (C40)	21.187	97534	5.049 ug/ml

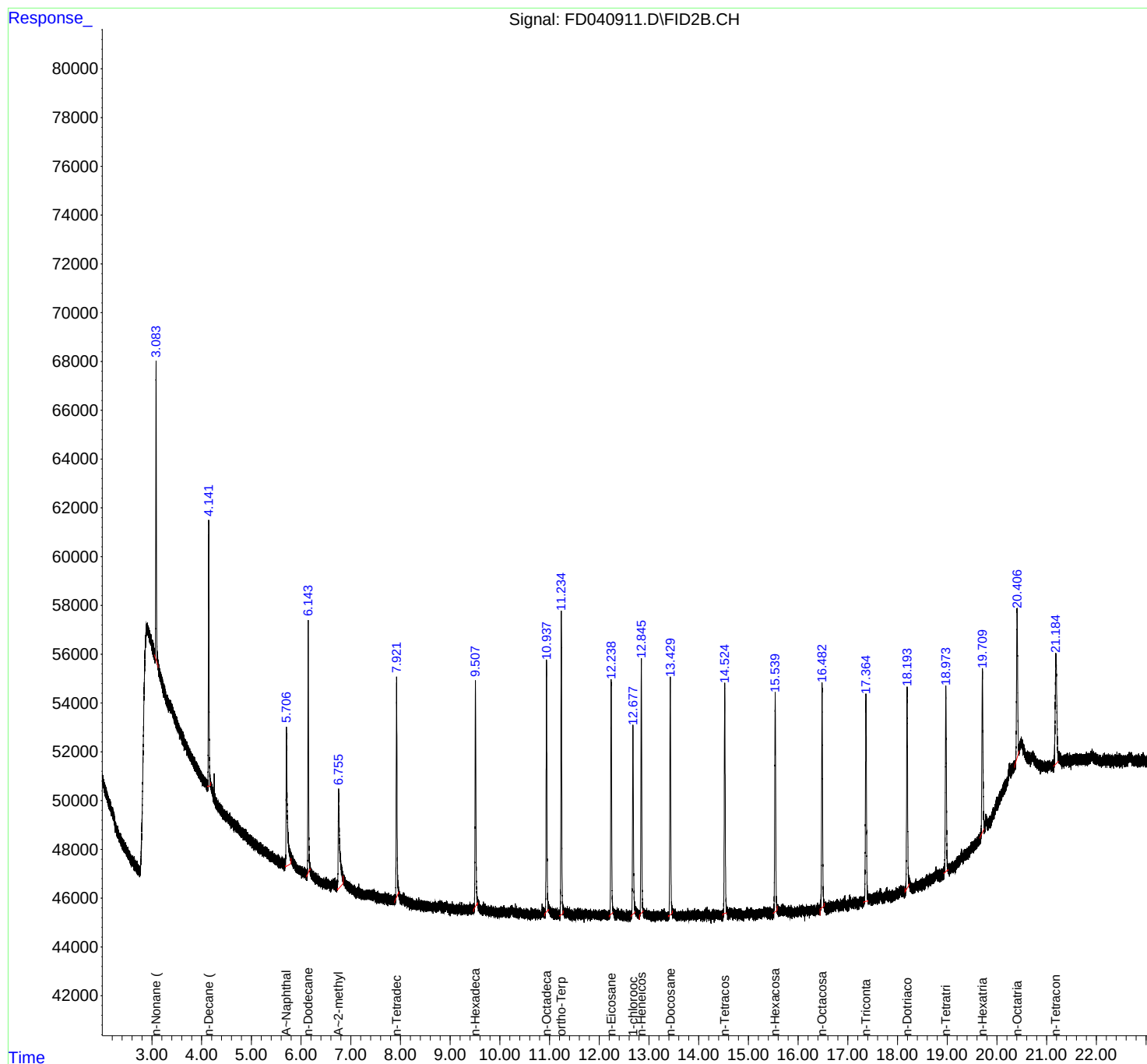
(f)=RT Delta > 1/2 Window

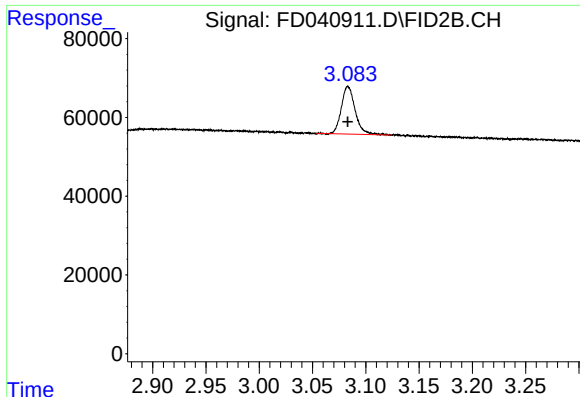
(m)=manual int.

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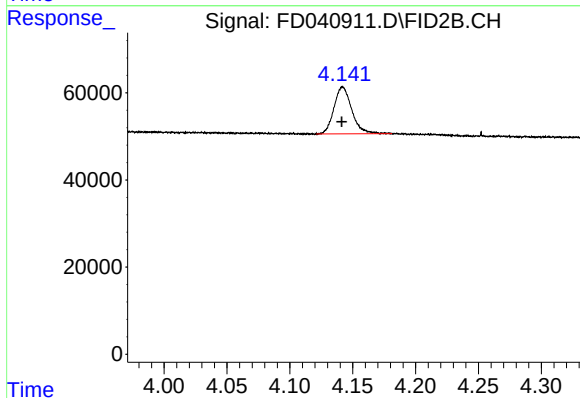
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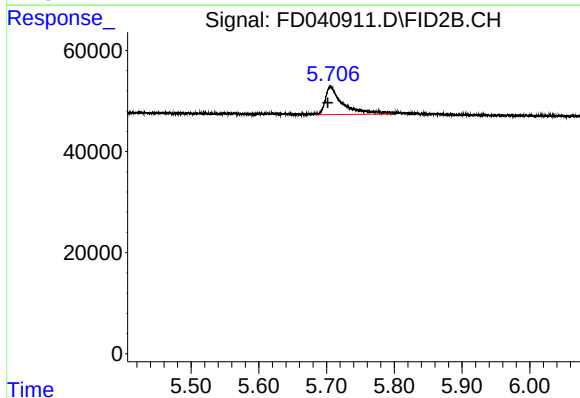
#1 n-Nonane (C9)

R.T.: 3.083 min
Delta R.T.: 0.000 min
Response: 109446
Conc: 4.83 ug/ml



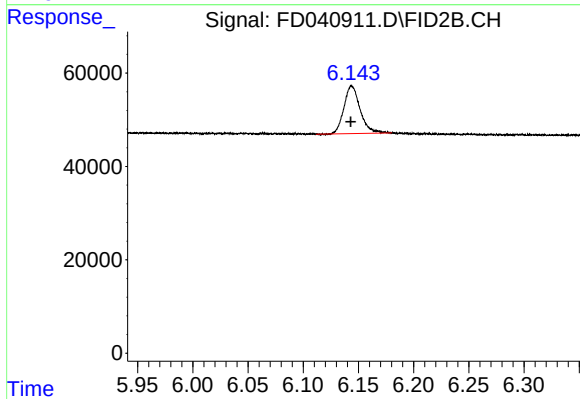
#2 n-Decane (C10)

R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 105521
Conc: 4.62 ug/ml



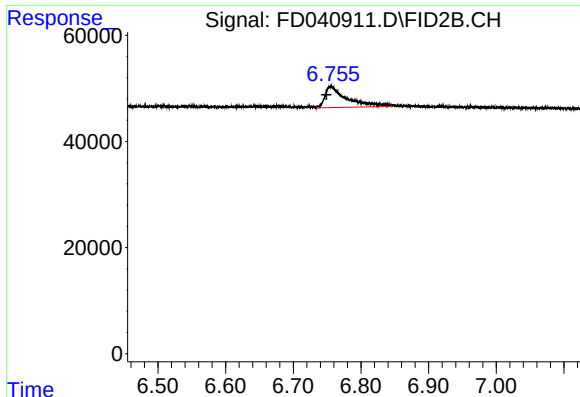
#3 A~Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: 0.004 min
Response: 101218
Conc: 4.46 ug/ml m



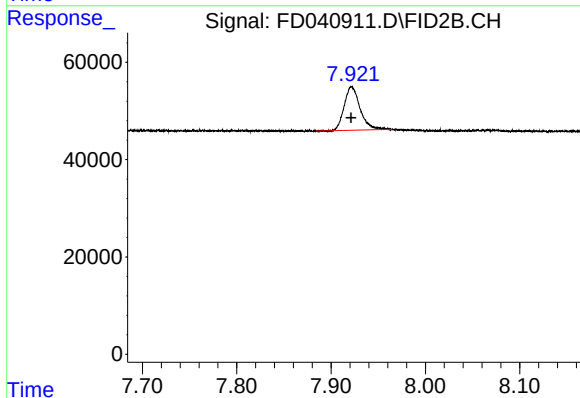
#4 n-Dodecane (C12)

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 103743
Conc: 4.41 ug/ml



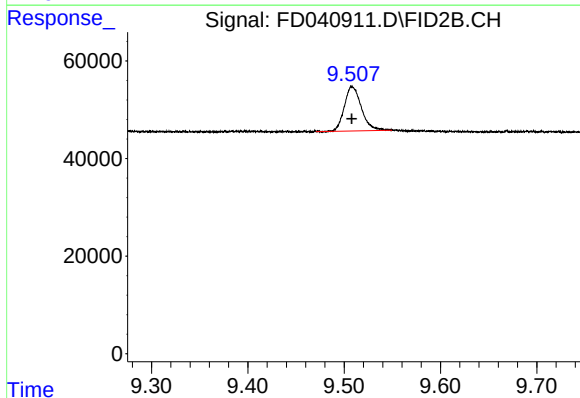
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.006 min
Response: 89956
Conc: 4.02 ug/ml m



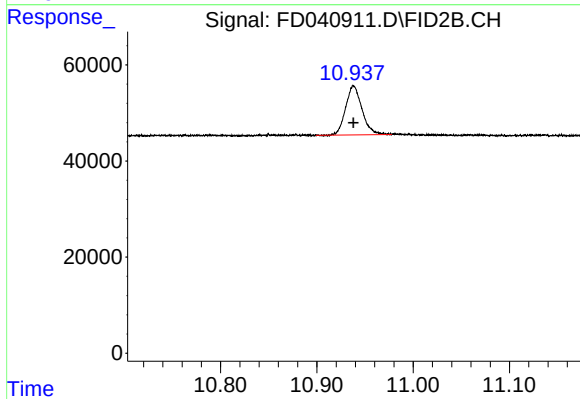
#6 n-Tetradecane (C14)

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 104729
Conc: 4.33 ug/ml



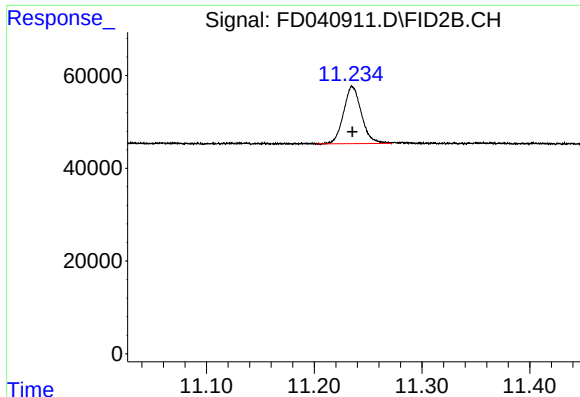
#7 n-Hexadecane (C16)

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 111119
Conc: 4.54 ug/ml



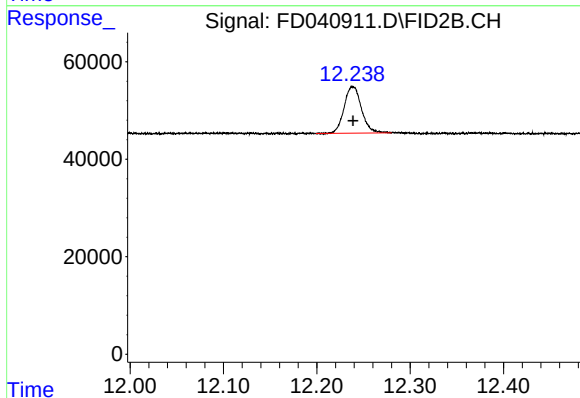
#8 n-Octadecane (C18)

R.T.: 10.938 min
Delta R.T.: 0.000 min
Response: 119785
Conc: 4.72 ug/ml



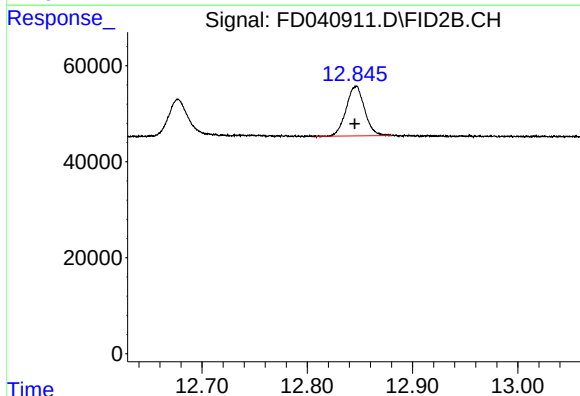
#9 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 141759
Conc: 5.09 ug/ml



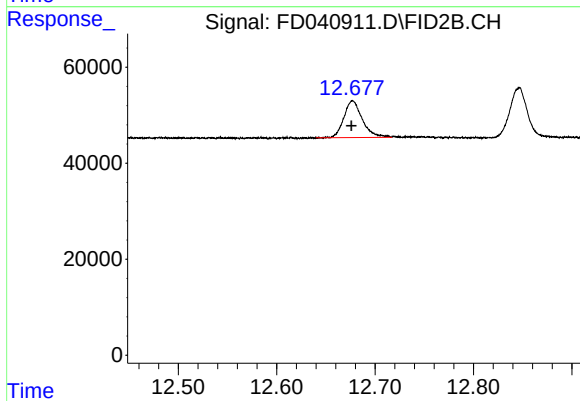
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: 0.000 min
Response: 123883
Conc: 4.93 ug/ml



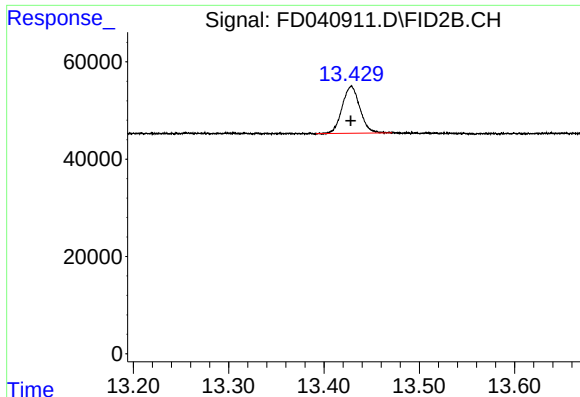
#11 n-Heneicosane (C21)

R.T.: 12.846 min
Delta R.T.: 0.001 min
Response: 125966
Conc: 4.95 ug/ml



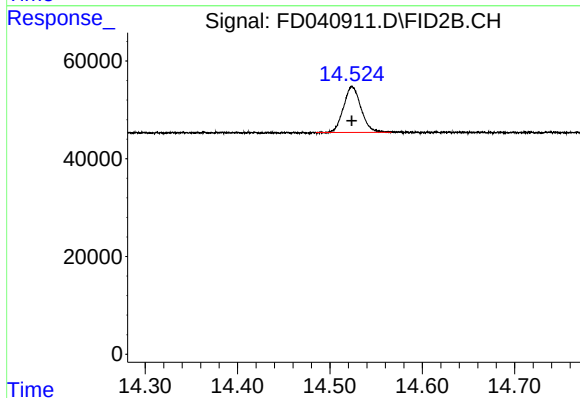
#12 1-chlorooctadecane (SURR)

R.T.: 12.677 min
Delta R.T.: 0.001 min
Response: 99558
Conc: 4.70 ug/ml



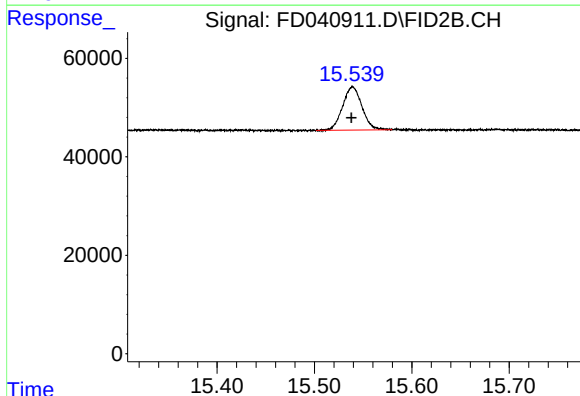
#13 n-Docosane (C22)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 124713
Conc: 4.98 ug/ml



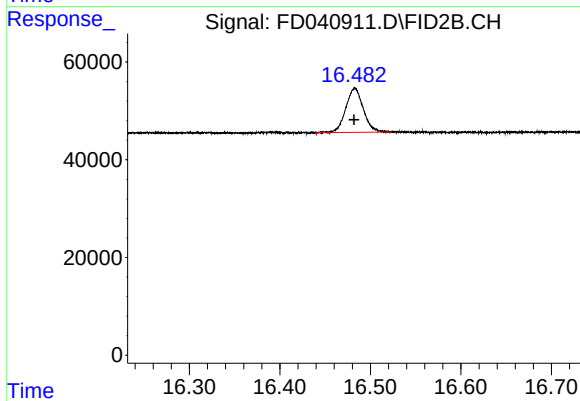
#14 n-Tetracosane (C24)

R.T.: 14.524 min
Delta R.T.: 0.000 min
Response: 123758
Conc: 4.98 ug/ml



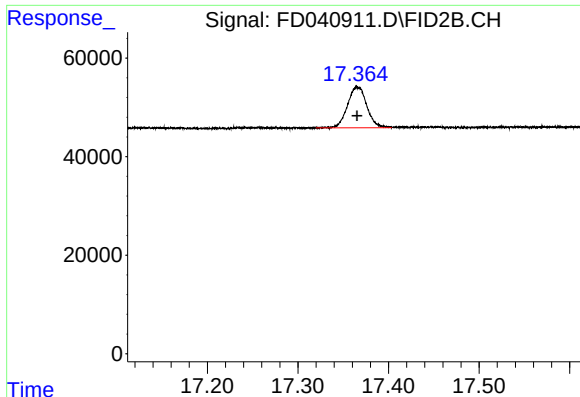
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: 0.001 min
Response: 120932
Conc: 4.99 ug/ml



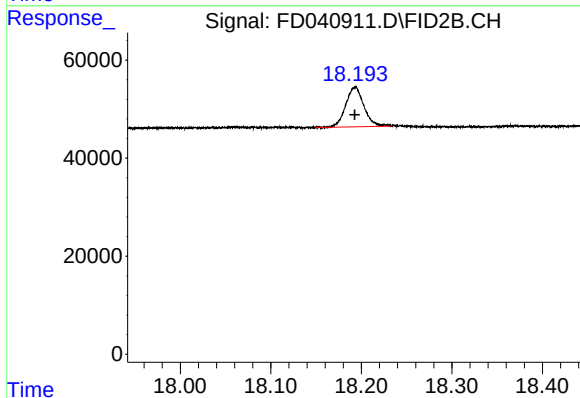
#16 n-Octacosane (C28)

R.T.: 16.483 min
Delta R.T.: 0.000 min
Response: 121007
Conc: 5.03 ug/ml



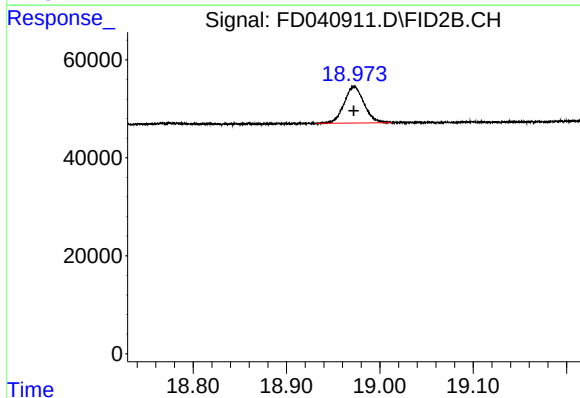
#17 n-Tricontane (C30)

R.T.: 17.365 min
Delta R.T.: 0.000 min
Response: 122462
Conc: 5.18 ug/ml



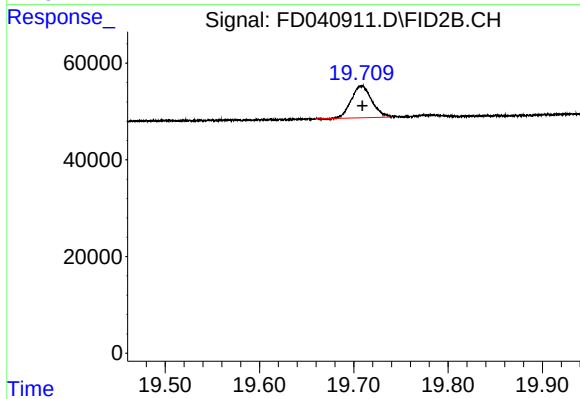
#18 n-Dotriacontane (C32)

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 112951
Conc: 5.05 ug/ml



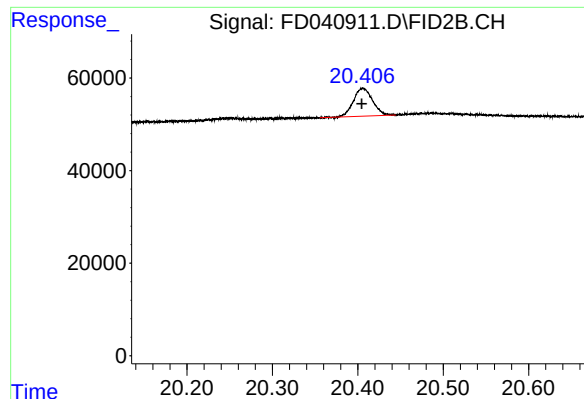
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min
Delta R.T.: 0.000 min
Response: 111261
Conc: 5.21 ug/ml



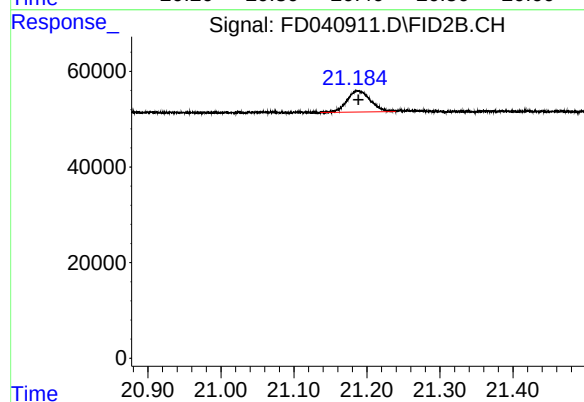
#20 n-Hexatriacontane (C36)

R.T.: 19.708 min
Delta R.T.: -0.001 min
Response: 100631
Conc: 5.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.406 min
Delta R.T.: 0.001 min
Response: 93707
Conc: 4.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.187 min
Delta R.T.: -0.001 min
Response: 97534
Conc: 5.05 ug/ml