

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AL\
 Data File : FD041011.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2022 19:16
 Operator : YP\AJ
 Sample : N1494-01MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ASTORIA-YARD-PIT-10MS

Integration File: autoint1.e
 Quant Time: Feb 15 01:00:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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			
12) S 1-chlorooctadecane (S...	12.673	981827	46.898 ug/ml
Spiked Amount 50.000		Recovery =	93.80%
Target Compounds			
1) T n-Nonane (C9)	3.080	409587	18.185 ug/ml
2) T n-Decane (C10)	4.139	525267	23.339 ug/ml
4) T n-Dodecane (C12)	6.141	660886	28.783 ug/ml
6) T n-Tetradecane (C14)	7.919	742572	31.533 ug/ml
7) T n-Hexadecane (C16)	9.505	881566	36.668 ug/ml
8) T n-Octadecane (C18)	10.936	1000526	39.870 ug/ml
10) T n-Eicosane (C20)	12.236	1014069	40.489 ug/ml
11) T n-Heneicosane (C21)	12.844	1009564	39.753 ug/ml
13) T n-Docosane (C22)	13.426	999640	39.937 ug/ml
14) T n-Tetracosane (C24)	14.522	998976	40.223 ug/ml
15) T n-Hexacosane (C26)	15.536	983074	40.551 ug/ml
16) T n-Octacosane (C28)	16.481	985088	40.910 ug/ml
17) T n-Tricontane (C30)	17.364	985020	41.339 ug/ml
18) T n-Dotriacontane (C32)	18.190	936461	41.753 ug/ml
19) T n-Tetratriacontane (C34)	18.971	954860	44.309 ug/ml
20) T n-Hexatriacontane (C36)	19.707	910281	45.782 ug/ml
21) T n-Octatriacontane (C38)	20.404	872610	46.058 ug/ml
22) T n-Tetracontane (C40)	21.181	874283	45.168 ug/ml

(f)=RT Delta > 1/2 Window

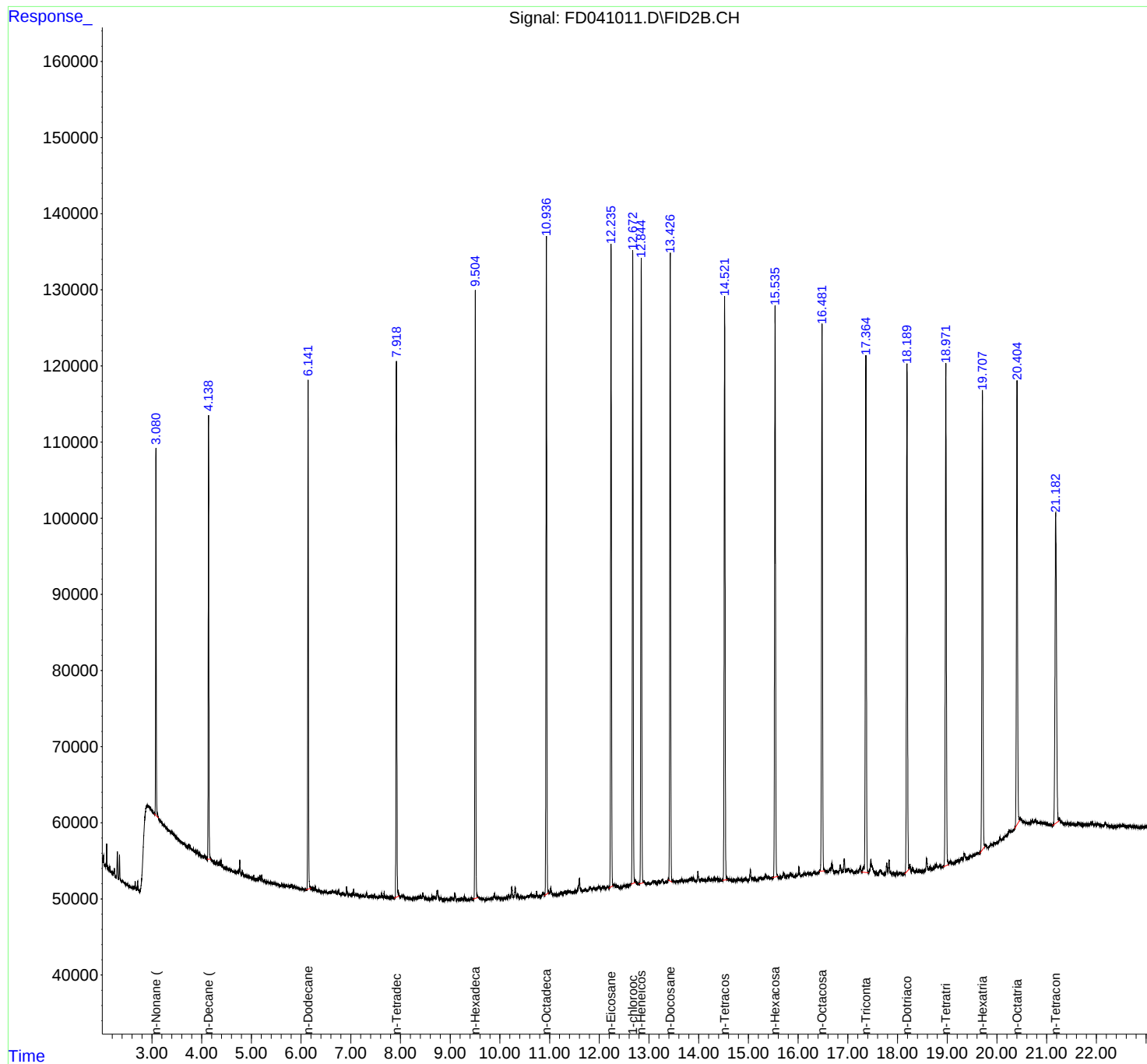
(m)=manual int.

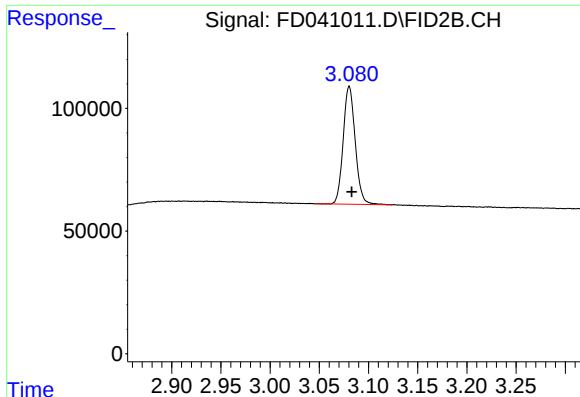
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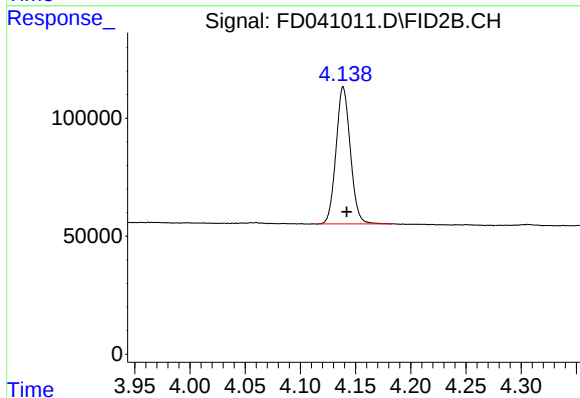




#1 n-Nonane (C9)

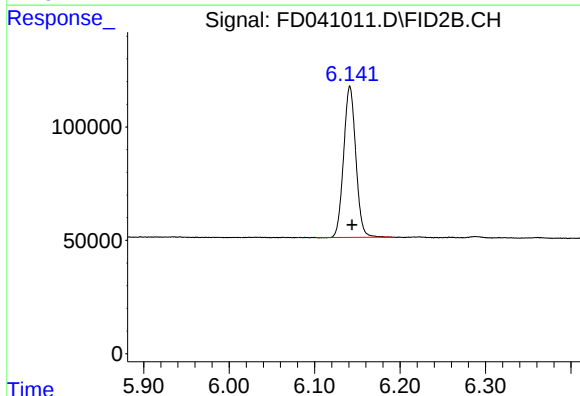
R.T.: 3.080 min
Delta R.T.: -0.003 min
Response: 409587
Conc: 18.19 ug/ml

Instrument :
FID_D
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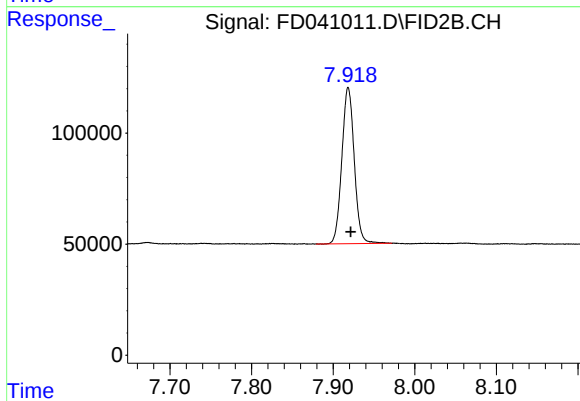
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 525267
Conc: 23.34 ug/ml



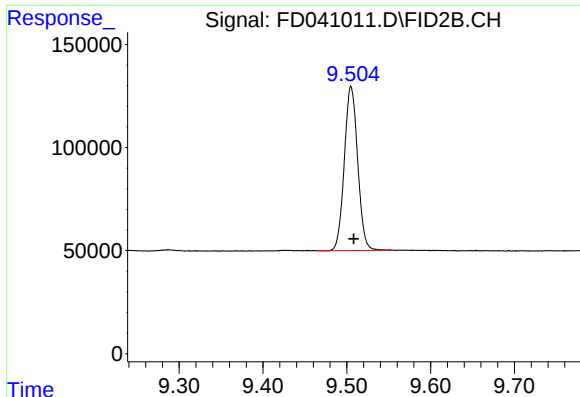
#4 n-Dodecane (C12)

R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 660886
Conc: 28.78 ug/ml



#6 n-Tetradecane (C14)

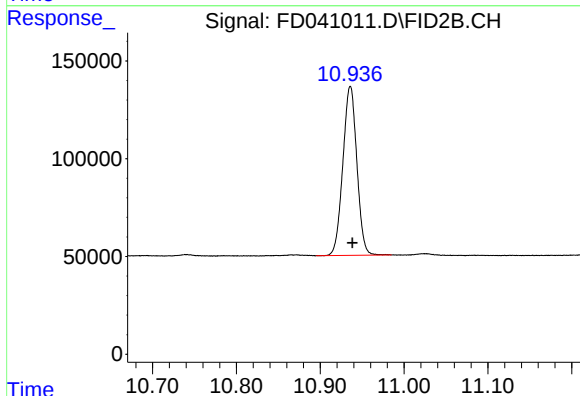
R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 742572
Conc: 31.53 ug/ml



#7 n-Hexadecane (C16)

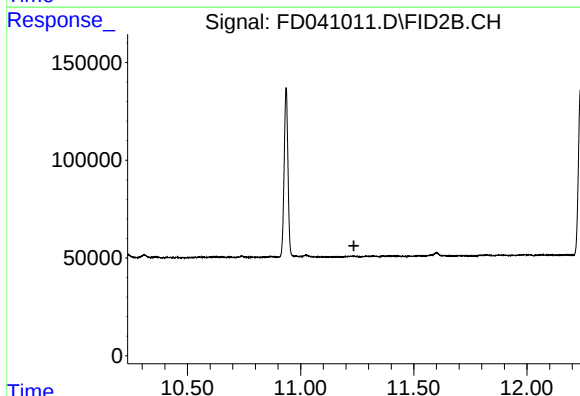
R.T.: 9.505 min
Delta R.T.: -0.003 min
Response: 881566
Conc: 36.67 ug/ml

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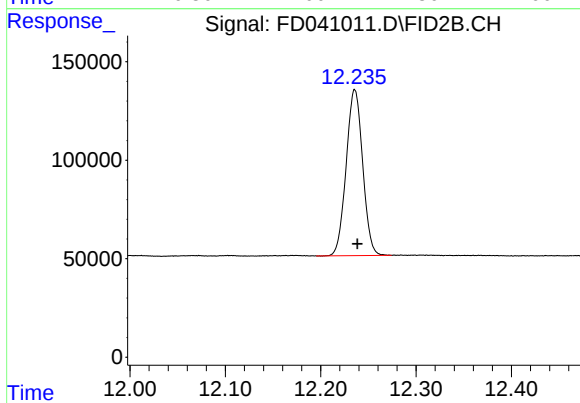
#8 n-Octadecane (C18)

R.T.: 10.936 min
Delta R.T.: -0.002 min
Response: 1000526
Conc: 39.87 ug/ml



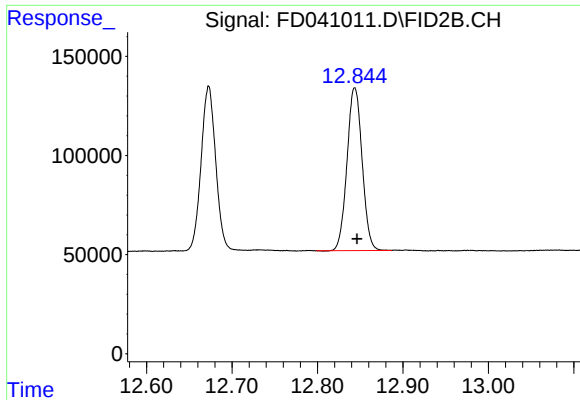
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.235 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

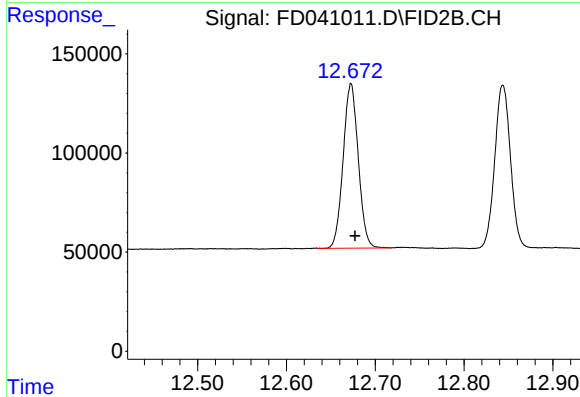
R.T.: 12.236 min
Delta R.T.: -0.003 min
Response: 1014069
Conc: 40.49 ug/ml



#11 n-Heneicosane (C21)

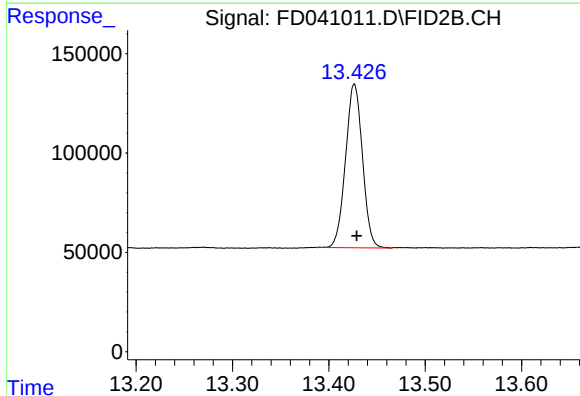
R.T.: 12.844 min
Delta R.T.: -0.003 min
Response: 1009564
Conc: 39.75 ug/ml

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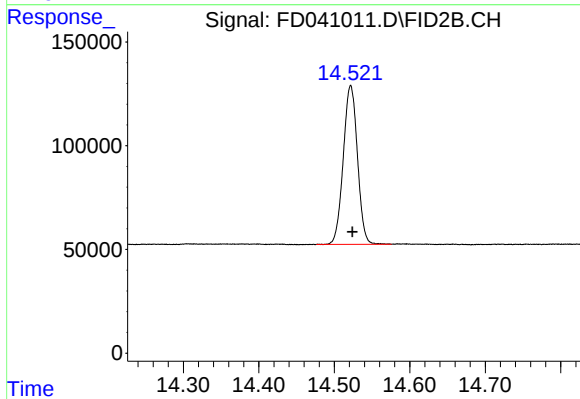
#12 1-chlorooctadecane (SURR)

R.T.: 12.673 min
Delta R.T.: -0.004 min
Response: 981827
Conc: 46.90 ug/ml



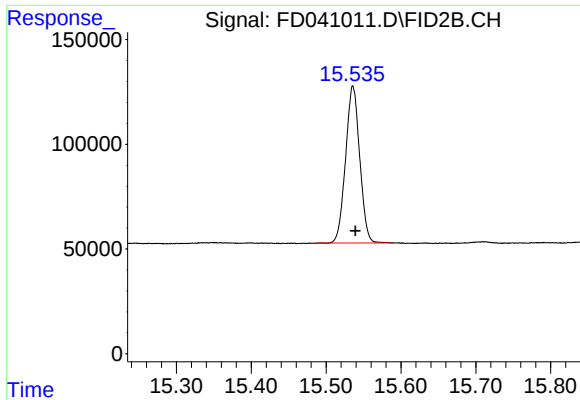
#13 n-Docosane (C22)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 999640
Conc: 39.94 ug/ml



#14 n-Tetracosane (C24)

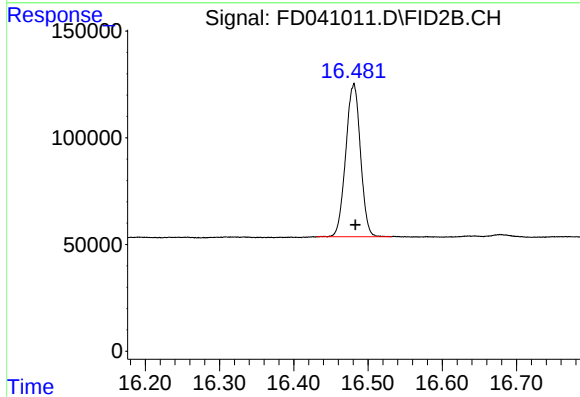
R.T.: 14.522 min
Delta R.T.: -0.002 min
Response: 998976
Conc: 40.22 ug/ml



#15 n-Hexacosane (C26)

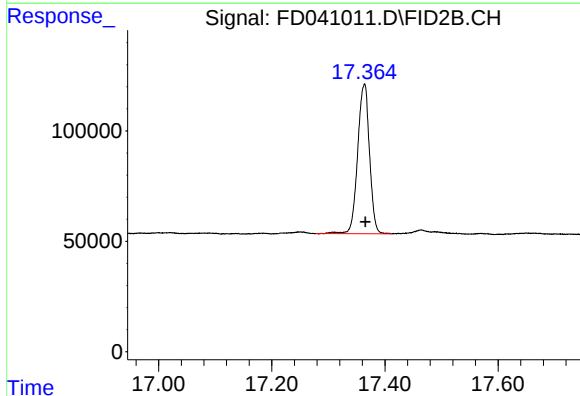
R.T.: 15.536 min
Delta R.T.: -0.003 min
Response: 983074
Conc: 40.55 ug/ml

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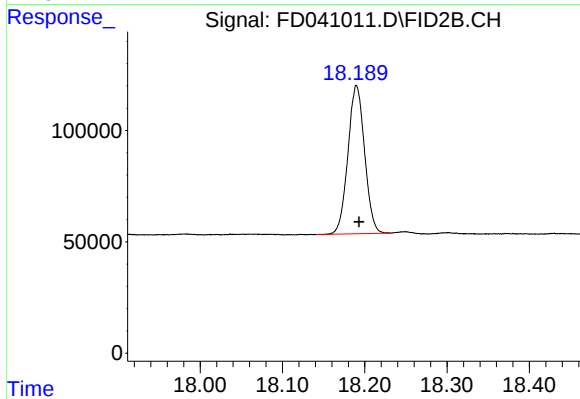
#16 n-Octacosane (C28)

R.T.: 16.481 min
Delta R.T.: -0.002 min
Response: 985088
Conc: 40.91 ug/ml



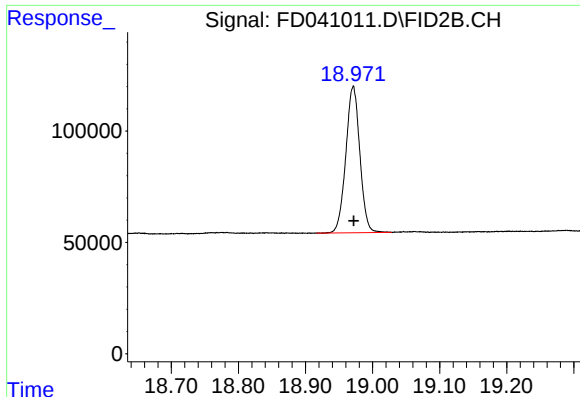
#17 n-Tricontane (C30)

R.T.: 17.364 min
Delta R.T.: -0.001 min
Response: 985020
Conc: 41.34 ug/ml



#18 n-Dotriacontane (C32)

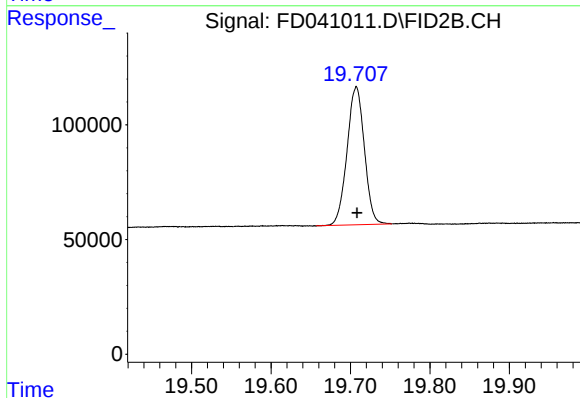
R.T.: 18.190 min
Delta R.T.: -0.003 min
Response: 936461
Conc: 41.75 ug/ml



#19 n-Tetratriacontane (C34)

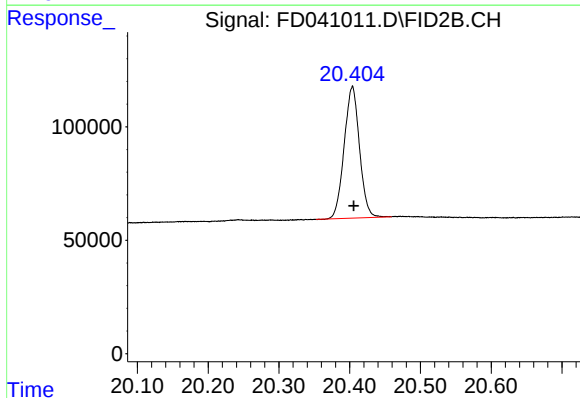
R.T.: 18.971 min
Delta R.T.: -0.001 min
Response: 954860
Conc: 44.31 ug/ml

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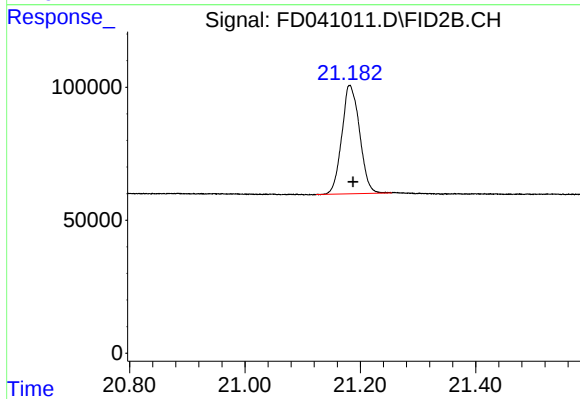
#20 n-Hexatriacontane (C36)

R.T.: 19.707 min
Delta R.T.: 0.000 min
Response: 910281
Conc: 45.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.404 min
Delta R.T.: -0.002 min
Response: 872610
Conc: 46.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.181 min
Delta R.T.: -0.006 min
Response: 874283
Conc: 45.17 ug/ml