

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050521AL\
 Data File : FD037352.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2021 17:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 06 03:42:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 2021
 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)	11.475	2271009	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	12.910	1707042	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.269	2378784	20.189 ug/ml
2) T n-Decane (C10)	4.331	2400427	20.241 ug/ml
3) T A~Naphthalene (C11.7)	5.907	2619224	19.959 ug/ml
4) T n-Dodecane (C12)	6.342	2411977	20.311 ug/ml
5) T A~2-methylnaphthalene...	6.960	2607357	19.884 ug/ml
6) T n-Tetradecane (C14)	8.132	2352242	20.321 ug/ml
7) T n-Hexadecane (C16)	9.727	2213223	20.131 ug/ml
8) T n-Octadecane (C18)	11.163	2183056	19.910 ug/ml
10) T n-Eicosane (C20)	12.469	2095916	19.759 ug/ml
11) T n-Heneicosane (C21)	13.077	2055800	19.568 ug/ml
13) T n-Docosane (C22)	13.661	2029599	19.743 ug/ml
14) T n-Tetracosane (C24)	14.759	1992533	19.671 ug/ml
15) T n-Hexacosane (C26)	15.776	1985503	20.329 ug/ml
16) T n-Octacosane (C28)	16.721	2015198	20.965 ug/ml
17) T n-Tricontane (C30)	17.605	2082382	21.653 ug/ml
18) T n-Dotriacontane (C32)	18.432	2097459	21.326 ug/ml
19) T n-Tetratriacontane (C34)	19.212	2059778	21.701 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1978222	21.006 ug/ml
21) T n-Octatriacontane (C38)	20.660	1873862	21.765 ug/ml
22) T n-Tetracontane (C40)	21.509	1923520	20.048 ug/ml

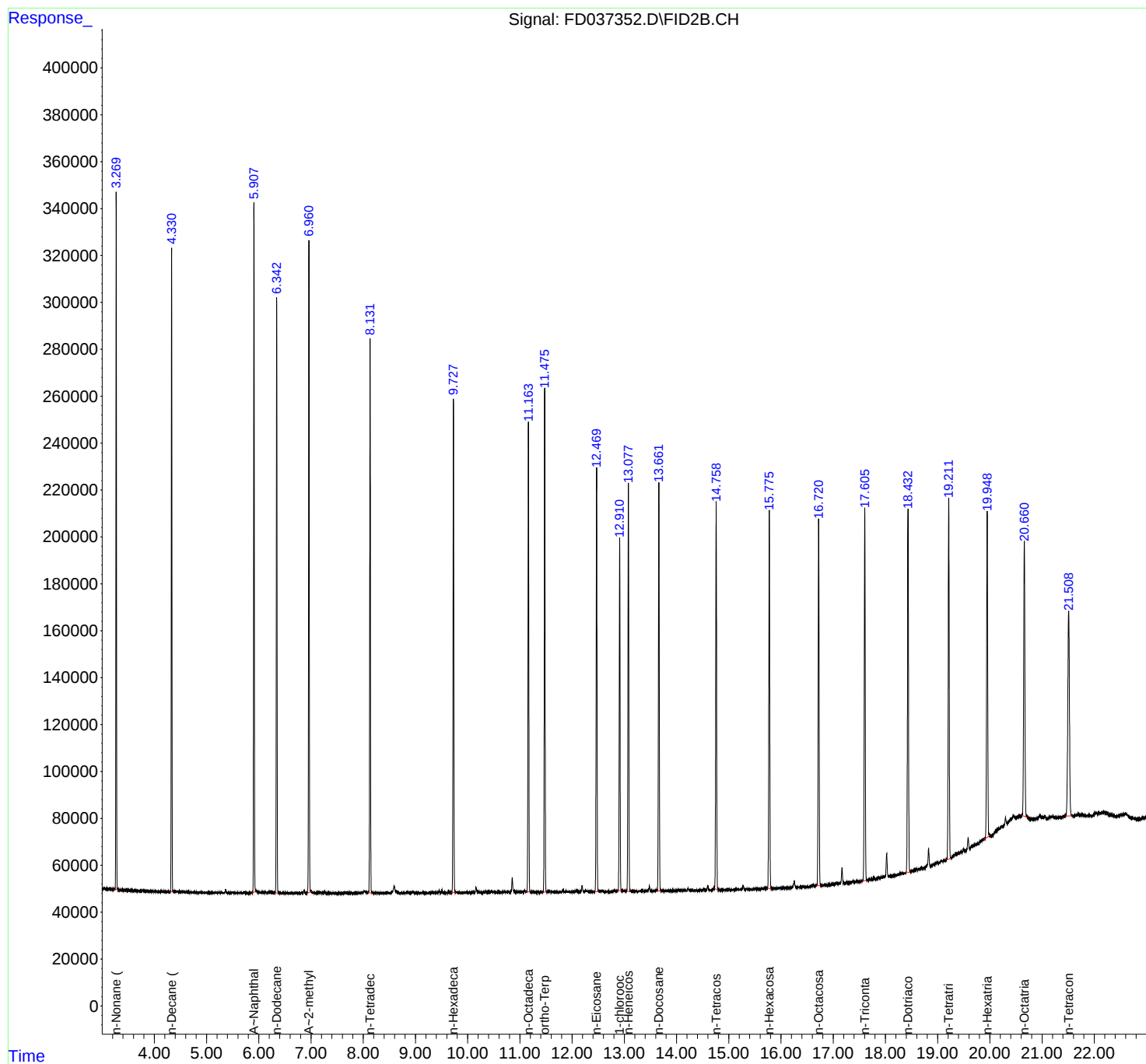
(f)=RT Delta > 1/2 Window

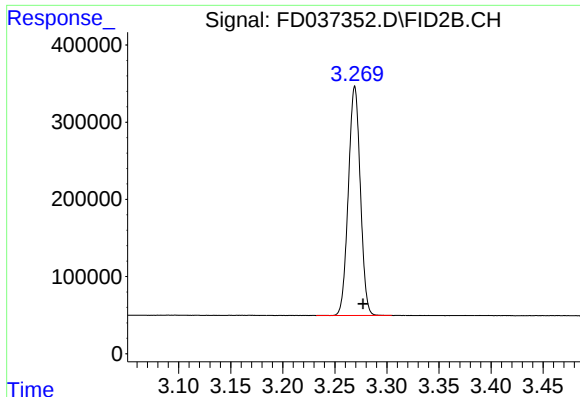
(m)=manual int.

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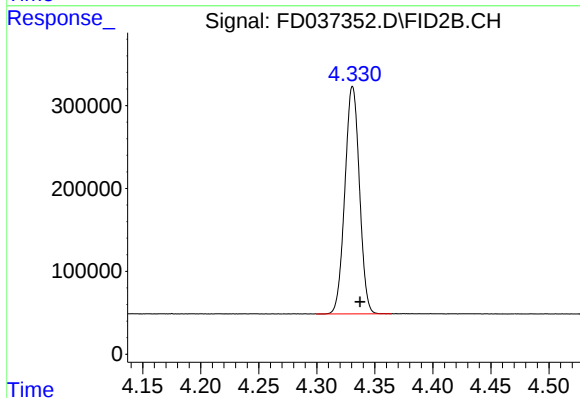
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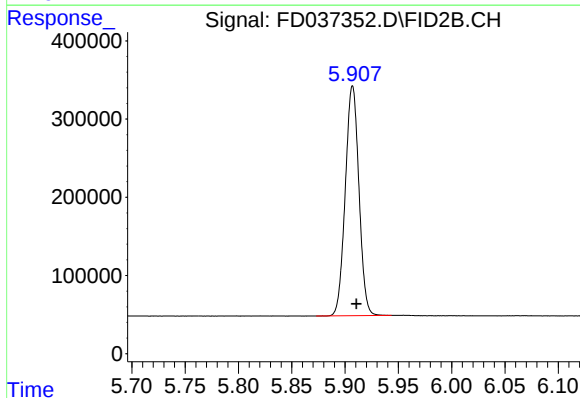
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.008 min
Response: 2378784
Conc: 20.19 ug/ml



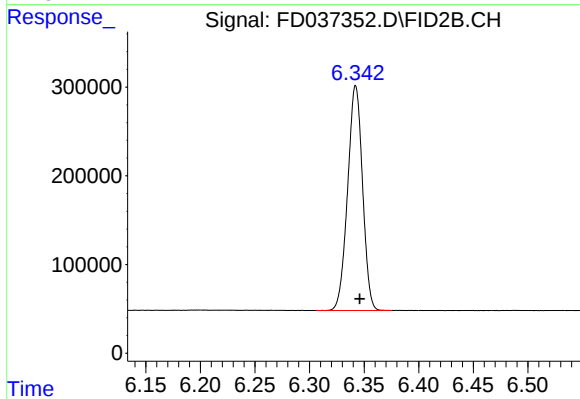
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: -0.006 min
Response: 2400427
Conc: 20.24 ug/ml



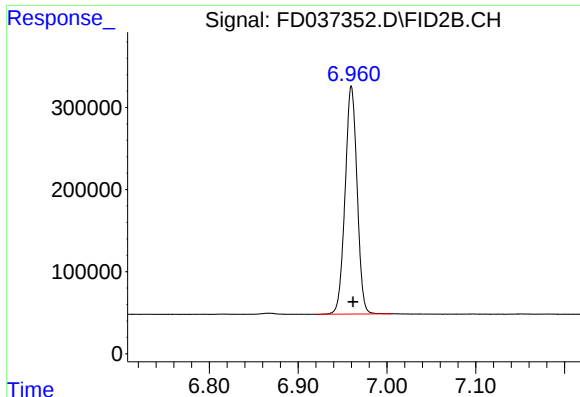
#3 A~Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: -0.004 min
Response: 2619224
Conc: 19.96 ug/ml



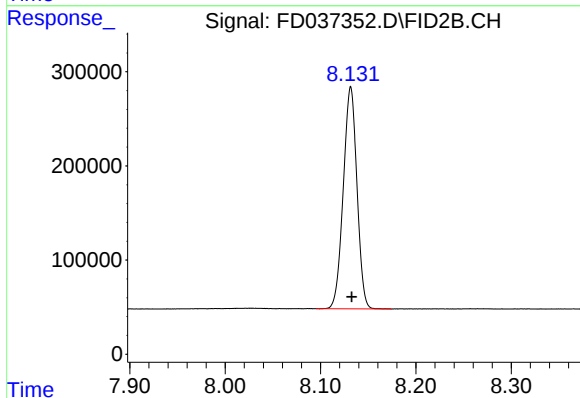
#4 n-Dodecane (C12)

R.T.: 6.342 min
Delta R.T.: -0.004 min
Response: 2411977
Conc: 20.31 ug/ml



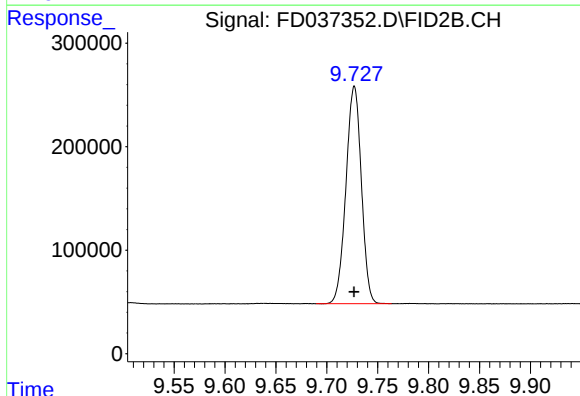
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 2607357
Conc: 19.88 ug/ml



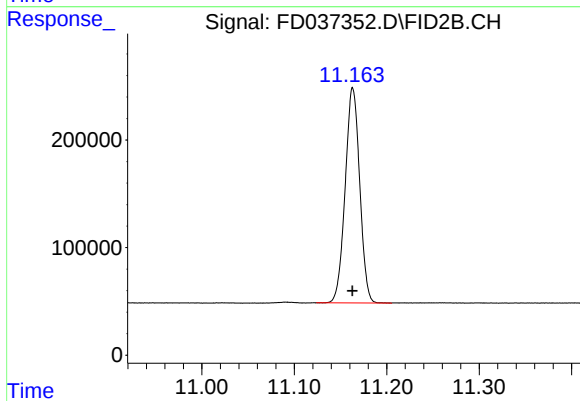
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 2352242
Conc: 20.32 ug/ml



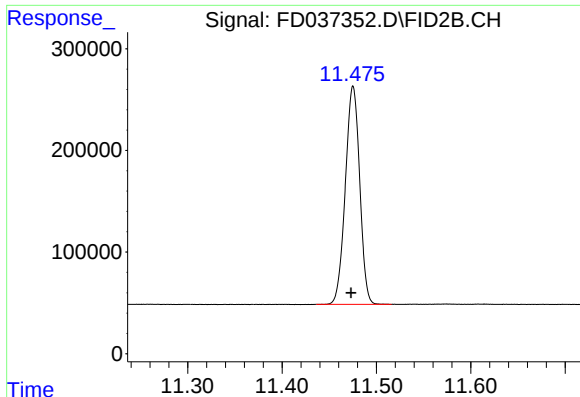
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: 0.000 min
Response: 2213223
Conc: 20.13 ug/ml



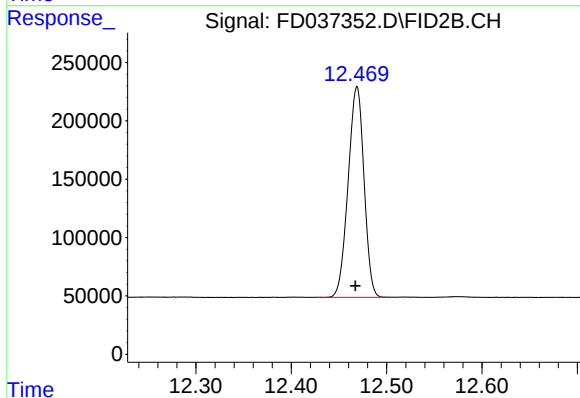
#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: 0.000 min
Response: 2183056
Conc: 19.91 ug/ml



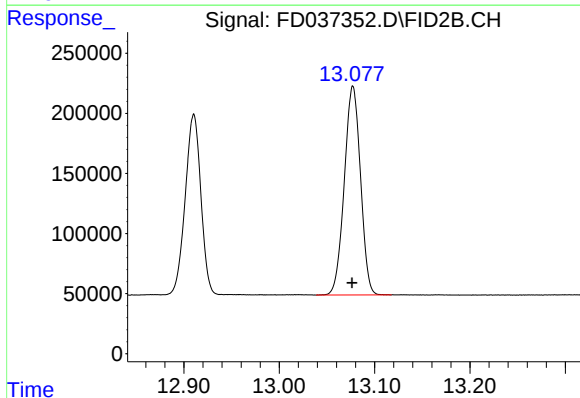
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: 0.002 min
Response: 2271009
Conc: 19.45 ug/ml



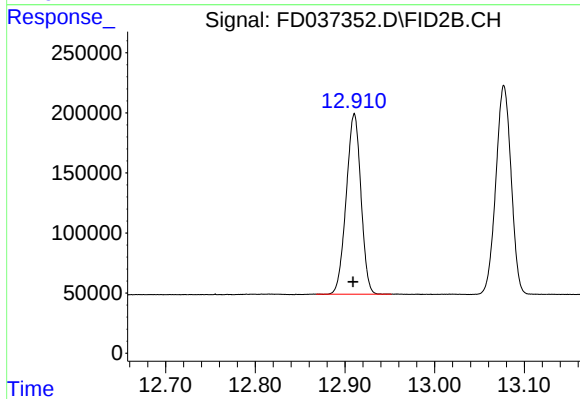
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: 0.002 min
Response: 2095916
Conc: 19.76 ug/ml



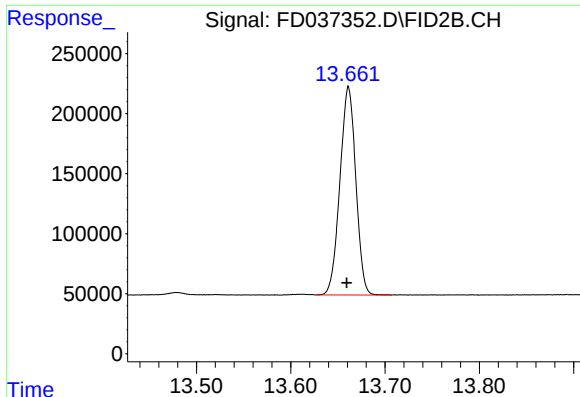
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 2055800
Conc: 19.57 ug/ml



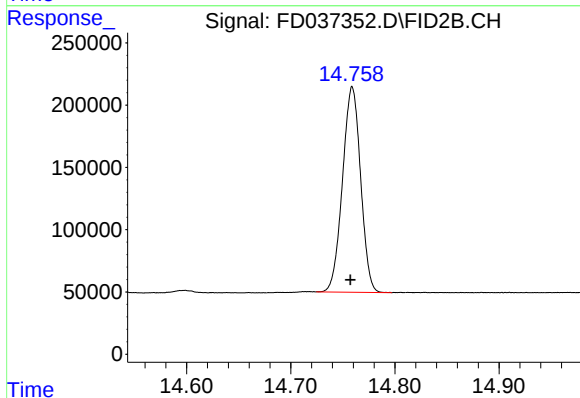
#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 1707042
Conc: 20.18 ug/ml



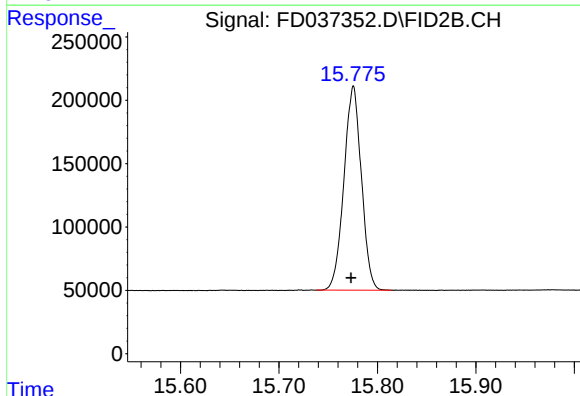
#13 n-Docosane (C22)

R.T.: 13.661 min
Delta R.T.: 0.002 min
Response: 2029599
Conc: 19.74 ug/ml



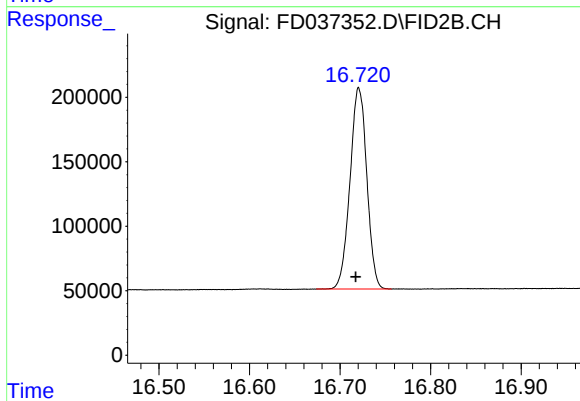
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: 0.002 min
Response: 1992533
Conc: 19.67 ug/ml



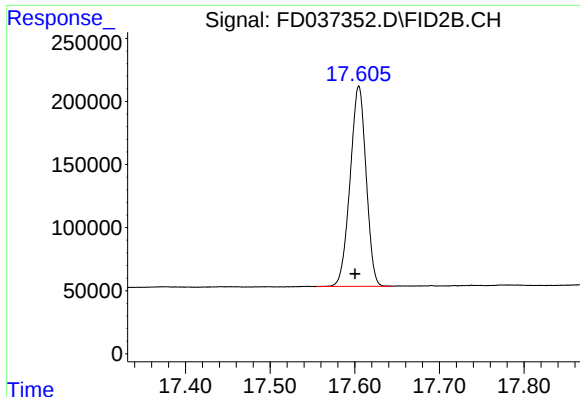
#15 n-Hexacosane (C26)

R.T.: 15.776 min
Delta R.T.: 0.002 min
Response: 1985503
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.721 min
Delta R.T.: 0.003 min
Response: 2015198
Conc: 20.96 ug/ml



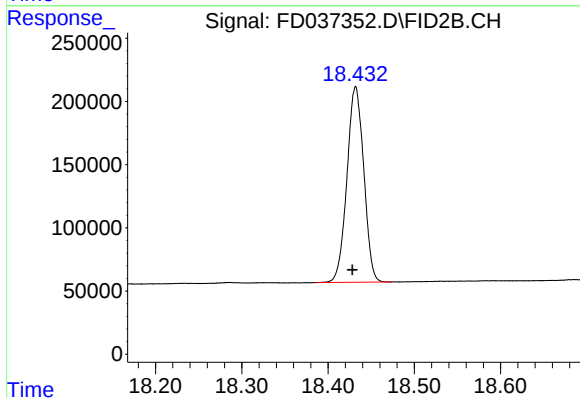
#17 n-Tricontane (C30)

R.T.: 17.605 min

Delta R.T.: 0.004 min

Response: 2082382

Conc: 21.65 ug/ml



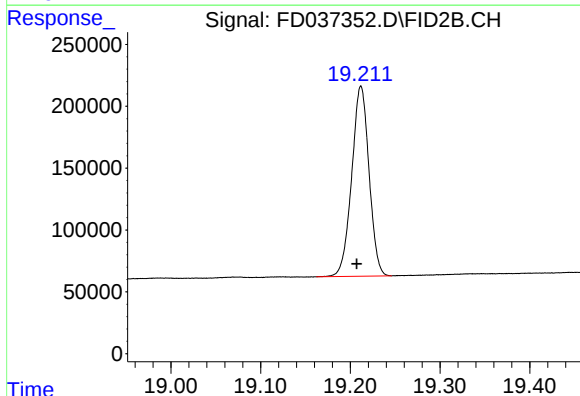
#18 n-Dotriacontane (C32)

R.T.: 18.432 min

Delta R.T.: 0.004 min

Response: 2097459

Conc: 21.33 ug/ml



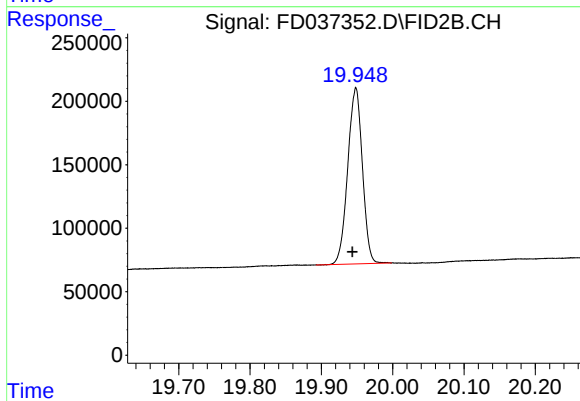
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min

Delta R.T.: 0.005 min

Response: 2059778

Conc: 21.70 ug/ml



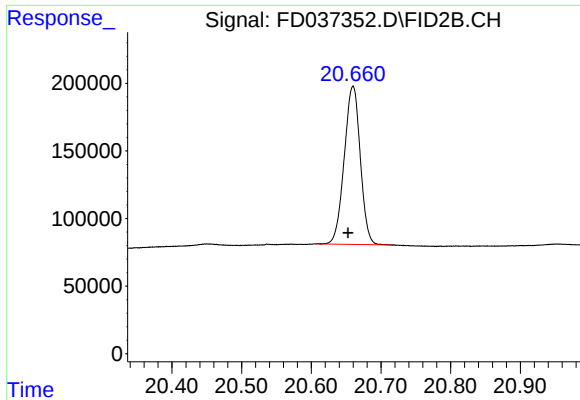
#20 n-Hexatriacontane (C36)

R.T.: 19.948 min

Delta R.T.: 0.005 min

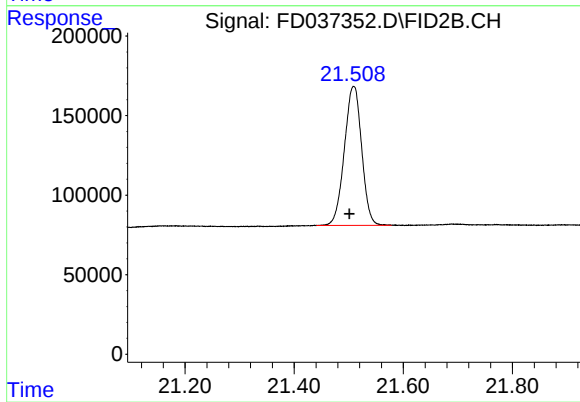
Response: 1978222

Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: 0.007 min
Response: 1873862
Conc: 21.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.008 min
Response: 1923520
Conc: 20.05 ug/ml