

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050521AL\
 Data File : FD037373.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 6:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 06 07:25:27 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)	11.471	2299672	19.695 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	12.906	1731943	20.472 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	3.269	2408314	20.439 ug/ml
2) T n-Decane (C10)	4.331	2426354	20.459 ug/ml
3) T A~Naphthalene (C11.7)	5.905	2654772	20.230 ug/ml
4) T n-Dodecane (C12)	6.341	2435900	20.513 ug/ml
5) T A~2-methylnaphthalene...	6.957	2641434	20.144 ug/ml
6) T n-Tetradecane (C14)	8.128	2377819	20.542 ug/ml
7) T n-Hexadecane (C16)	9.723	2242169	20.394 ug/ml
8) T n-Octadecane (C18)	11.160	2209088	20.148 ug/ml
10) T n-Eicosane (C20)	12.464	2122053	20.005 ug/ml
11) T n-Heneicosane (C21)	13.073	2081836	19.816 ug/ml
13) T n-Docosane (C22)	13.657	2044870	19.892 ug/ml
14) T n-Tetracosane (C24)	14.755	2037135	20.111 ug/ml
15) T n-Hexacosane (C26)	15.771	2015245	20.633 ug/ml
16) T n-Octacosane (C28)	16.717	2045870	21.284 ug/ml
17) T n-Tricontane (C30)	17.599	2112048	21.962 ug/ml
18) T n-Dotriacontane (C32)	18.427	2141454	21.773 ug/ml
19) T n-Tetratriacontane (C34)	19.207	2101261	22.138 ug/ml
20) T n-Hexatriacontane (C36)	19.943	1998447	21.221 ug/ml
21) T n-Octatriacontane (C38)	20.654	1895170	22.013 ug/ml
22) T n-Tetracontane (C40)	21.501	1947789	20.301 ug/ml

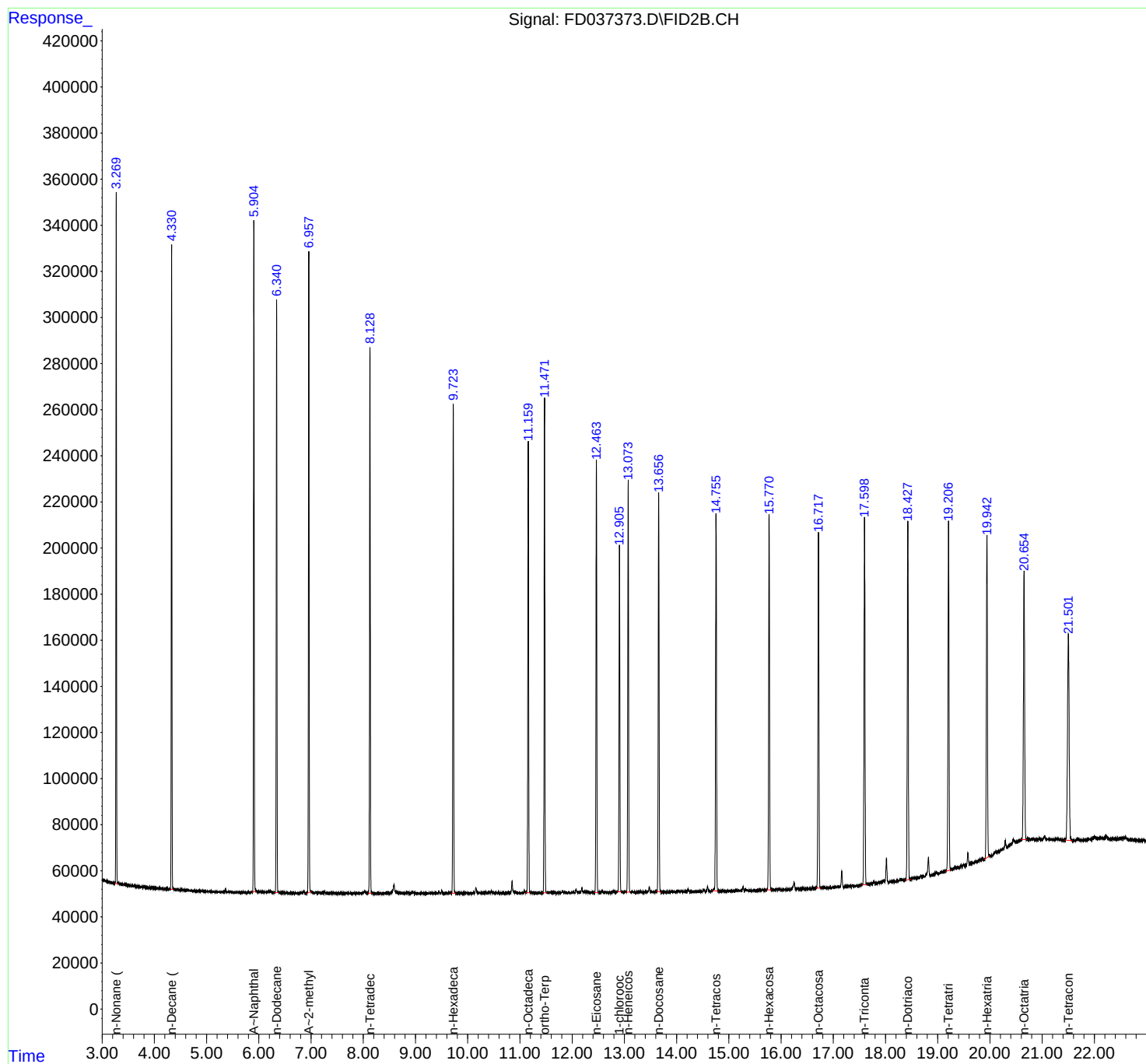
(f)=RT Delta > 1/2 Window

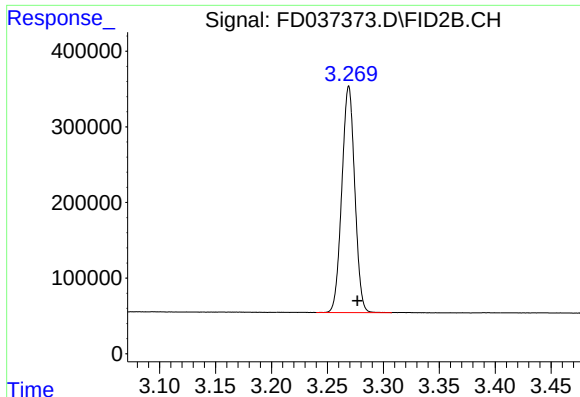
(m)=manual int.

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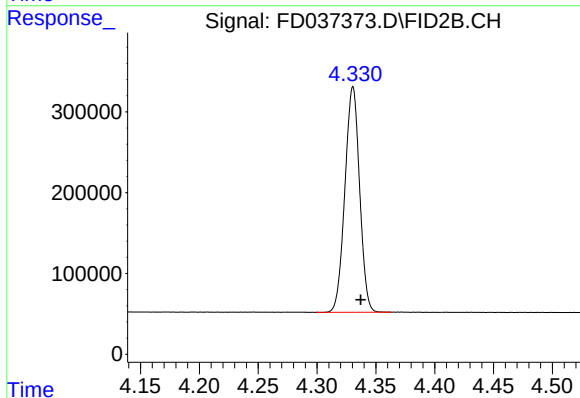
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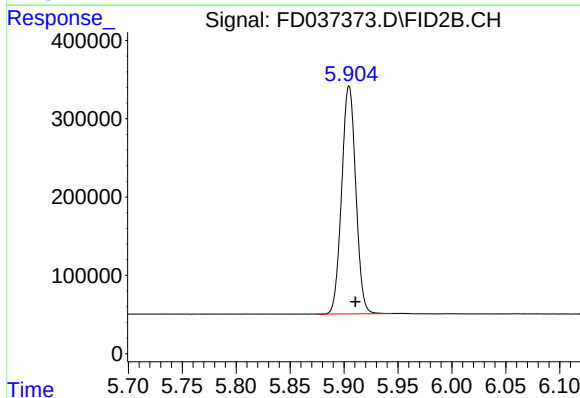
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.008 min
Response: 2408314
Conc: 20.44 ug/ml



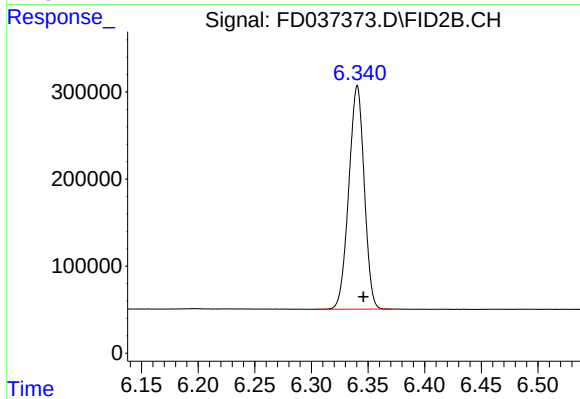
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: -0.007 min
Response: 2426354
Conc: 20.46 ug/ml



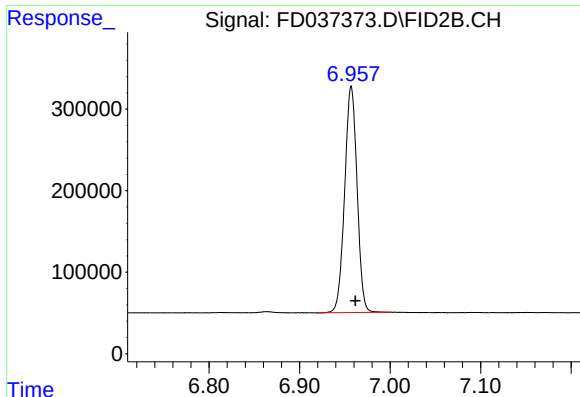
#3 A~Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.006 min
Response: 2654772
Conc: 20.23 ug/ml



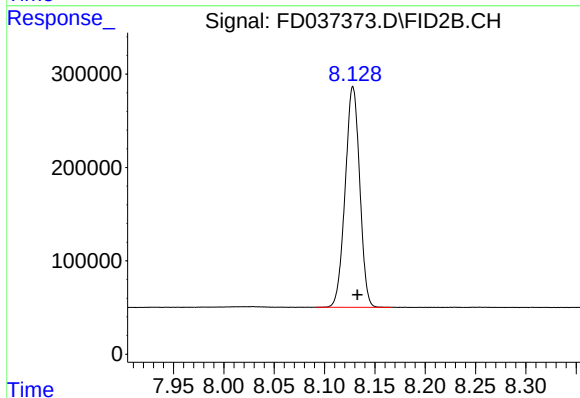
#4 n-Dodecane (C12)

R.T.: 6.341 min
Delta R.T.: -0.005 min
Response: 2435900
Conc: 20.51 ug/ml



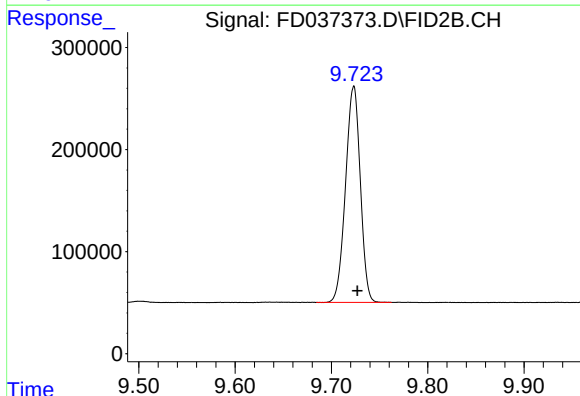
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: -0.005 min
Response: 2641434
Conc: 20.14 ug/ml



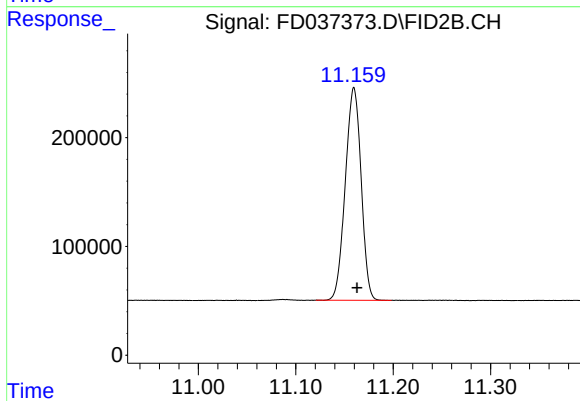
#6 n-Tetradecane (C14)

R.T.: 8.128 min
Delta R.T.: -0.005 min
Response: 2377819
Conc: 20.54 ug/ml



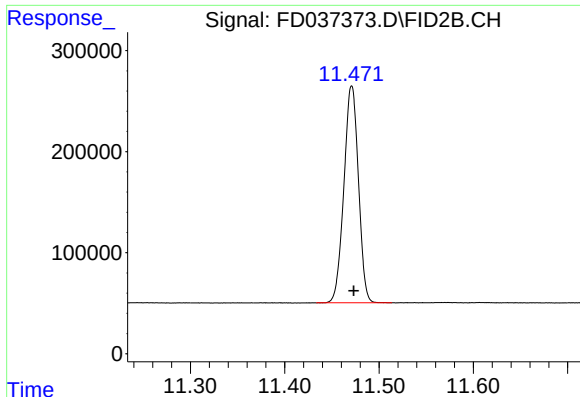
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.004 min
Response: 2242169
Conc: 20.39 ug/ml



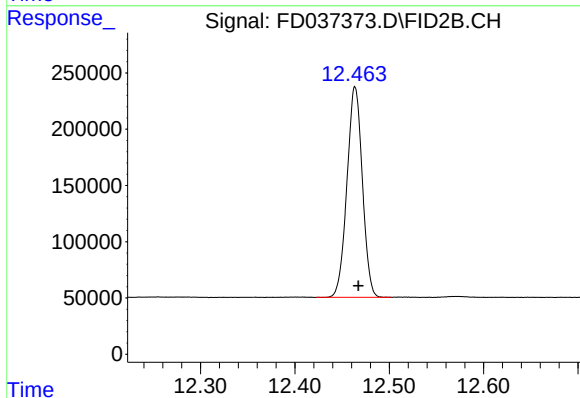
#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: -0.003 min
Response: 2209088
Conc: 20.15 ug/ml



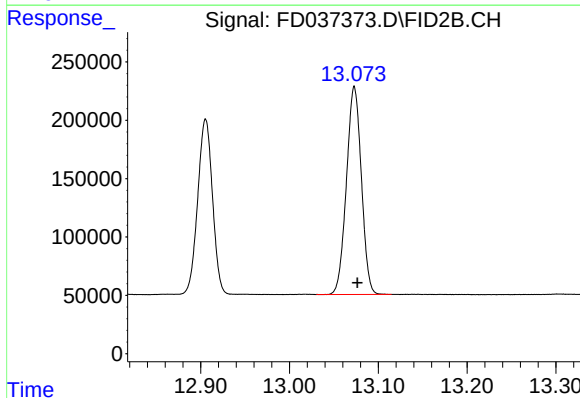
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.002 min
Response: 2299672
Conc: 19.69 ug/ml



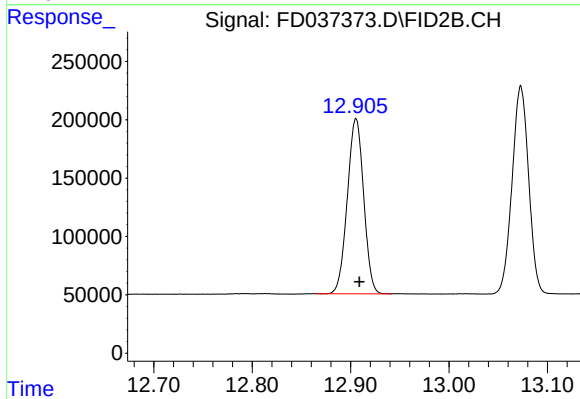
#10 n-Eicosane (C20)

R.T.: 12.464 min
Delta R.T.: -0.004 min
Response: 2122053
Conc: 20.01 ug/ml



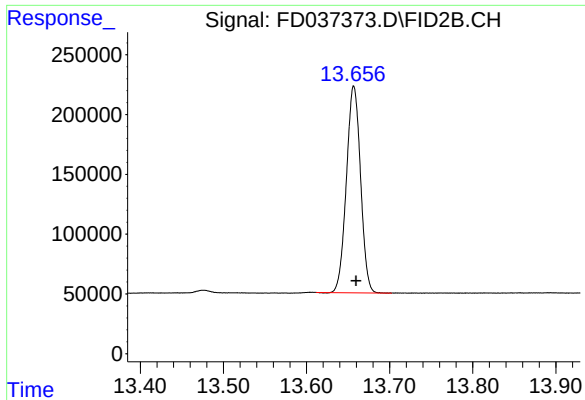
#11 n-Heneicosane (C21)

R.T.: 13.073 min
Delta R.T.: -0.003 min
Response: 2081836
Conc: 19.82 ug/ml



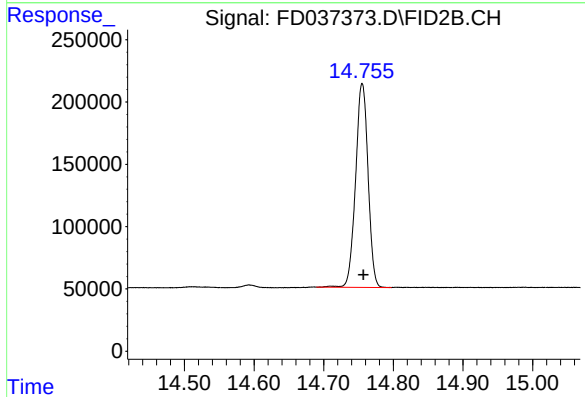
#12 1-chlorooctadecane (SURR)

R.T.: 12.906 min
Delta R.T.: -0.003 min
Response: 1731943
Conc: 20.47 ug/ml



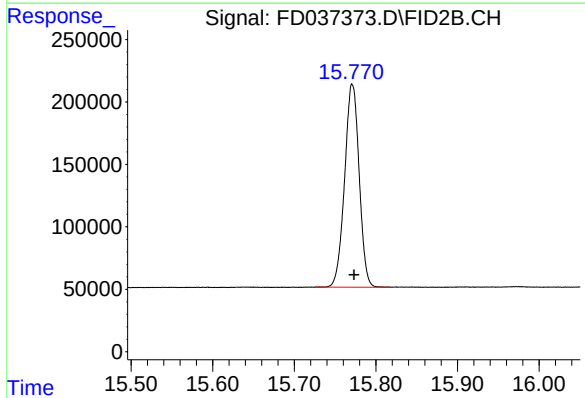
#13 n-Docosane (C22)

R.T.: 13.657 min
Delta R.T.: -0.003 min
Response: 2044870
Conc: 19.89 ug/ml



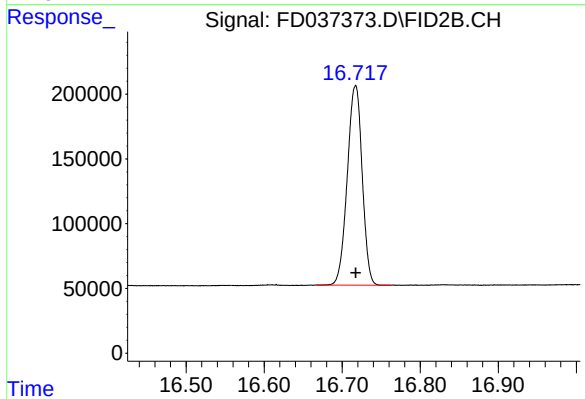
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.002 min
Response: 2037135
Conc: 20.11 ug/ml



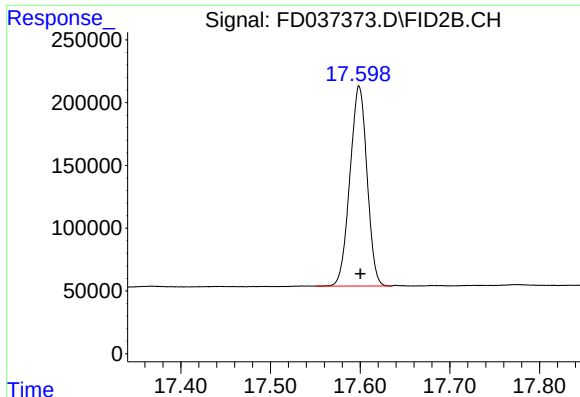
#15 n-Hexacosane (C26)

R.T.: 15.771 min
Delta R.T.: -0.002 min
Response: 2015245
Conc: 20.63 ug/ml



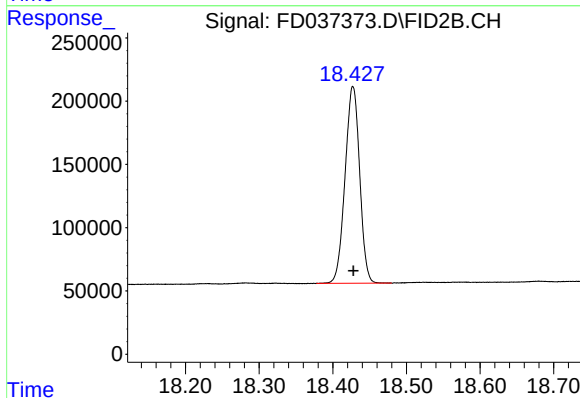
#16 n-Octacosane (C28)

R.T.: 16.717 min
Delta R.T.: 0.000 min
Response: 2045870
Conc: 21.28 ug/ml



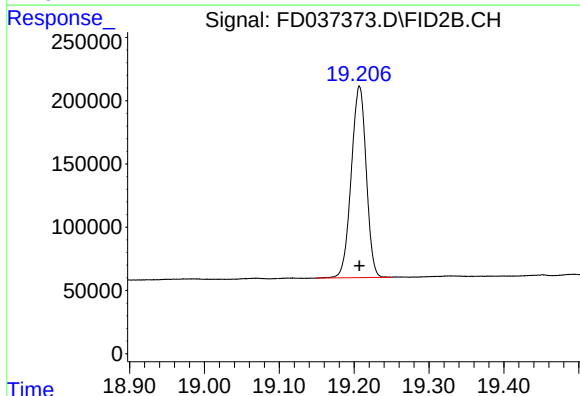
#17 n-Tricontane (C30)

R.T.: 17.599 min
Delta R.T.: -0.002 min
Response: 2112048
Conc: 21.96 ug/ml



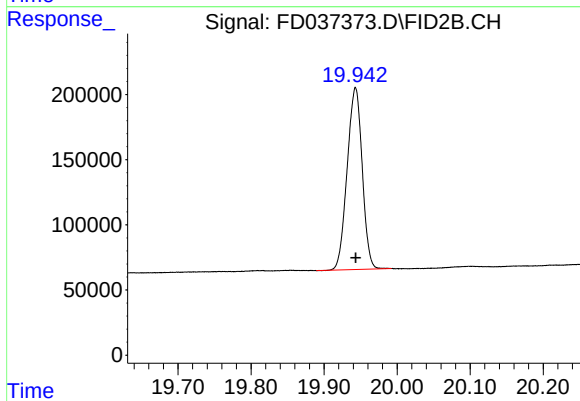
#18 n-Dotriacontane (C32)

R.T.: 18.427 min
Delta R.T.: 0.000 min
Response: 2141454
Conc: 21.77 ug/ml



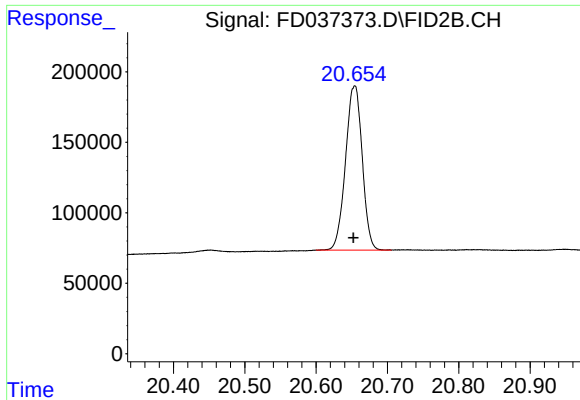
#19 n-Tetratriacontane (C34)

R.T.: 19.207 min
Delta R.T.: 0.000 min
Response: 2101261
Conc: 22.14 ug/ml



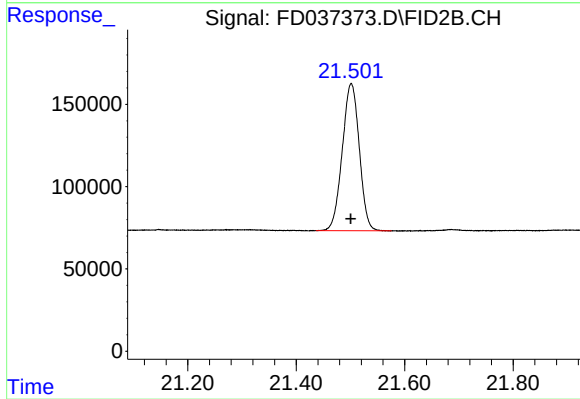
#20 n-Hexatriacontane (C36)

R.T.: 19.943 min
Delta R.T.: 0.000 min
Response: 1998447
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.002 min
Response: 1895170
Conc: 22.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: 0.000 min
Response: 1947789
Conc: 20.30 ug/ml