

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092121AL\
 Data File : FD038837.D
 Signal(s) : FID2B.CH
 Acq On : 21 Sep 2021 9:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 21 14:25:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.676	3171960	21.580 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
12) S 1-chlorooctadecane (S...	13.101	2528049	21.734 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
Target Compounds			
1) T n-Nonane (C9)	3.439	2780076	21.828 ug/ml
2) T n-Decane (C10)	4.508	2814157	21.727 ug/ml
3) T A~Naphthalene (C11.7)	6.099	3155158	21.666 ug/ml
4) T n-Dodecane (C12)	6.525	2821706	21.481 ug/ml
5) T A~2-methylnaphthalene...	7.154	3180495	21.503 ug/ml
6) T n-Tetradecane (C14)	8.316	2857083	21.198 ug/ml
7) T n-Hexadecane (C16)	9.914	2878214	21.051 ug/ml
8) T n-Octadecane (C18)	11.352	2969223	21.247 ug/ml
10) T n-Eicosane (C20)	12.657	2976643	21.588 ug/ml
11) T n-Heneicosane (C21)	13.267	3015070	21.694 ug/ml
13) T n-Docosane (C22)	13.850	3037816	22.298 ug/ml
14) T n-Tetracosane (C24)	14.949	3151841	23.591 ug/ml
15) T n-Hexacosane (C26)	15.965	3078704	24.278 ug/ml
16) T n-Octacosane (C28)	16.911	3017953	24.958 ug/ml
17) T n-Tricontane (C30)	17.794	2860644	24.938 ug/ml
18) T n-Dotriacontane (C32)	18.622	2584123	23.894 ug/ml
19) T n-Tetratriacontane (C34)	19.402	2300975	22.102 ug/ml
20) T n-Hexatriacontane (C36)	20.137	2001794	20.416 ug/ml
21) T n-Octatriacontane (C38)	20.877	1802619	19.118 ug/ml
22) T n-Tetracontane (C40)	21.801	1730338	18.275 ug/ml

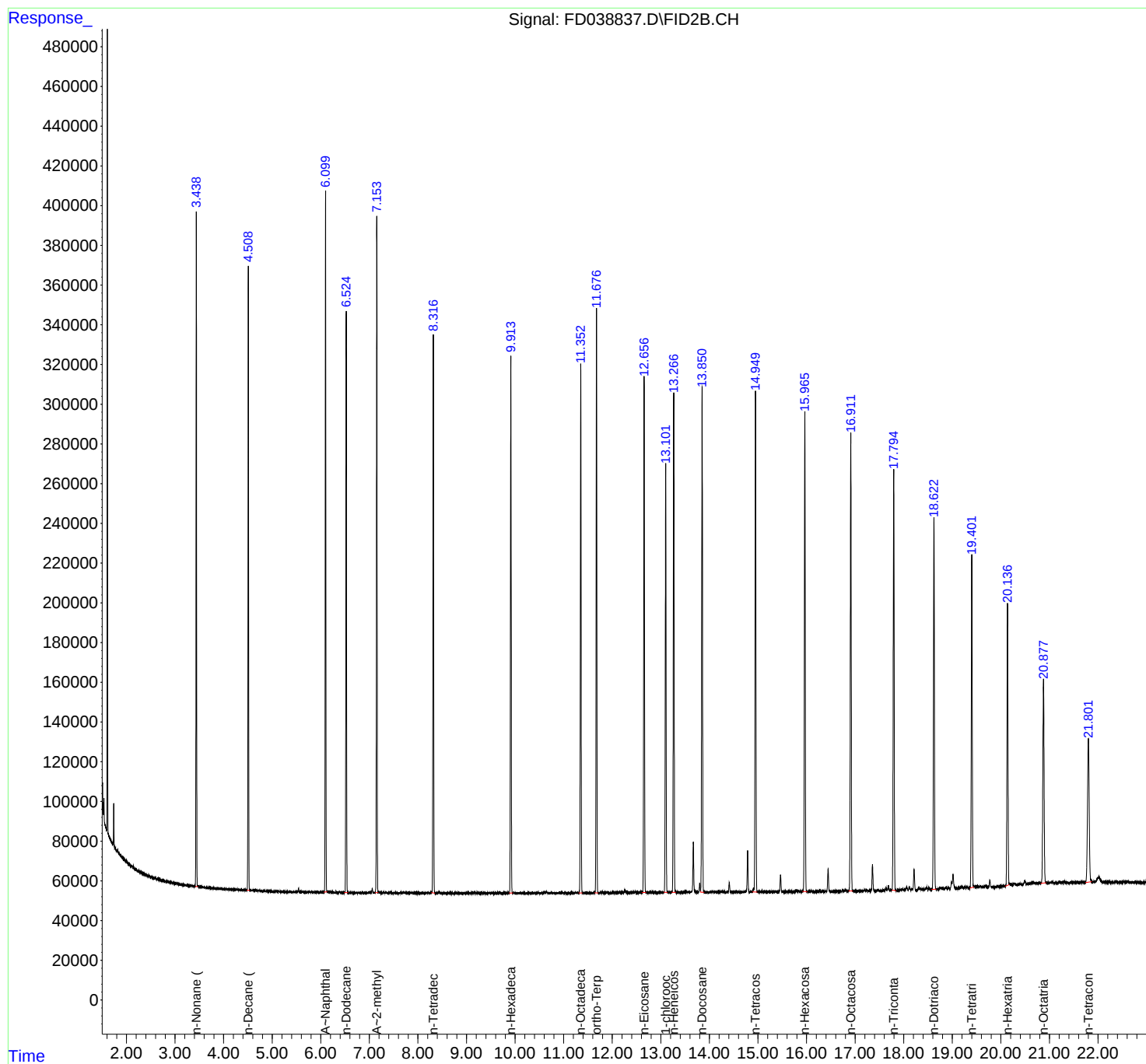
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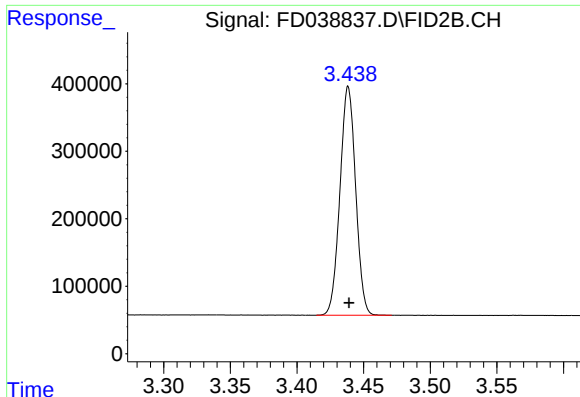
(m)=manual int.

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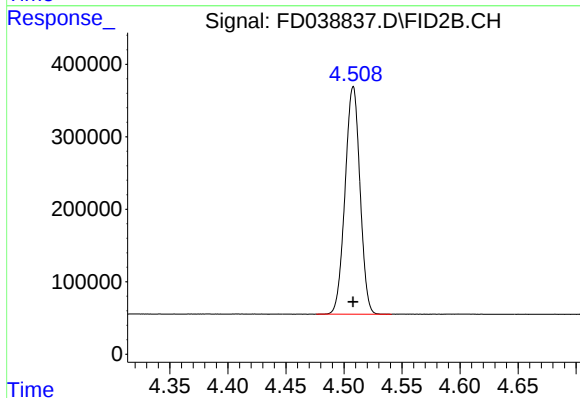
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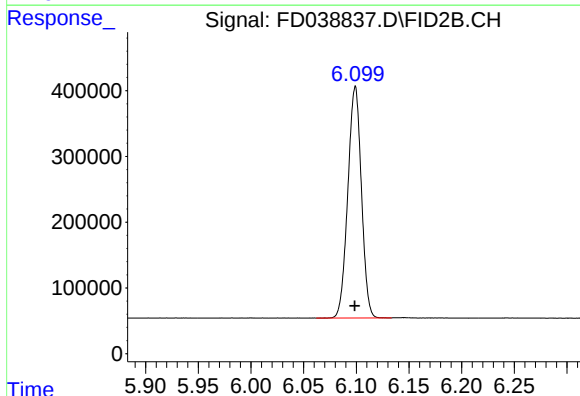
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2780076
Conc: 21.83 ug/ml



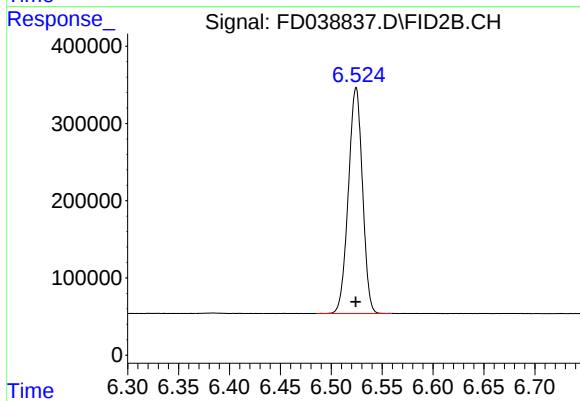
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2814157
Conc: 21.73 ug/ml



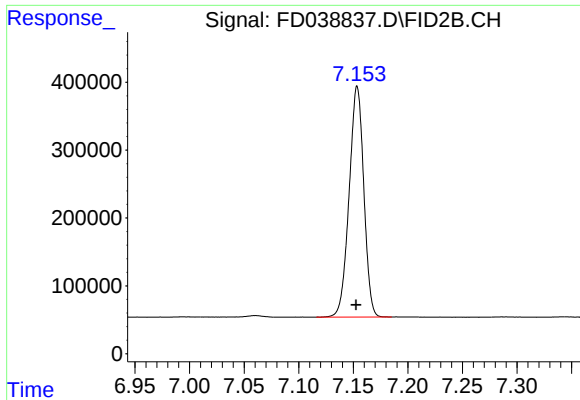
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3155158
Conc: 21.67 ug/ml



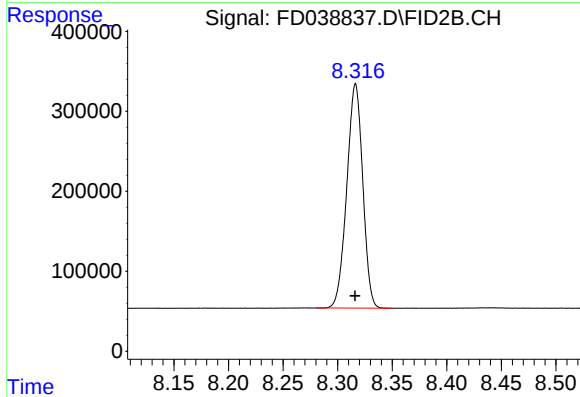
#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2821706
Conc: 21.48 ug/ml



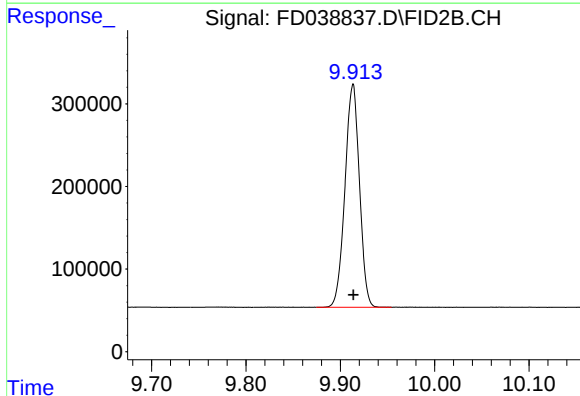
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: 0.001 min
Response: 3180495
Conc: 21.50 ug/ml



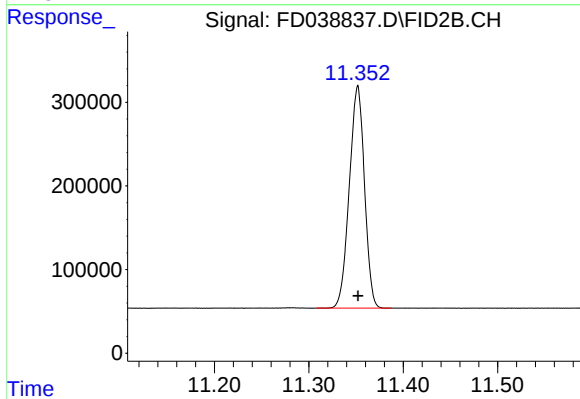
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2857083
Conc: 21.20 ug/ml



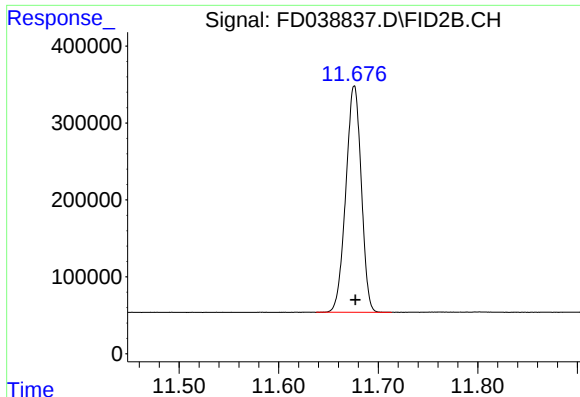
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2878214
Conc: 21.05 ug/ml



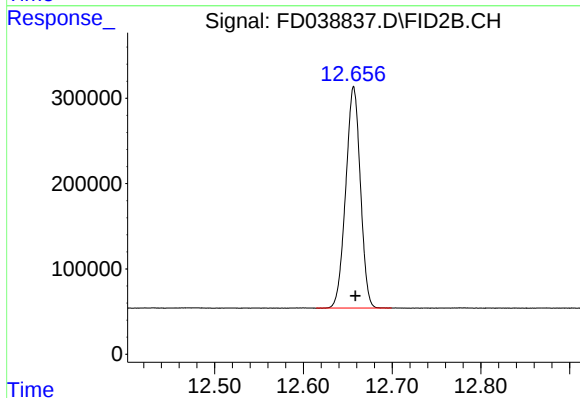
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2969223
Conc: 21.25 ug/ml



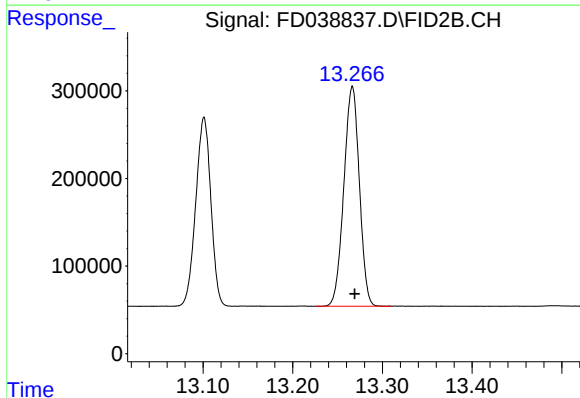
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.001 min
Response: 3171960
Conc: 21.58 ug/ml



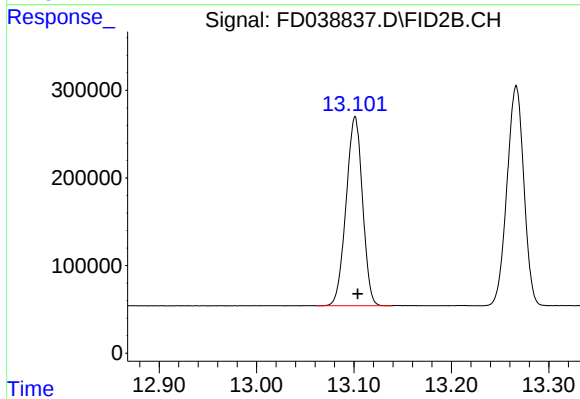
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.002 min
Response: 2976643
Conc: 21.59 ug/ml



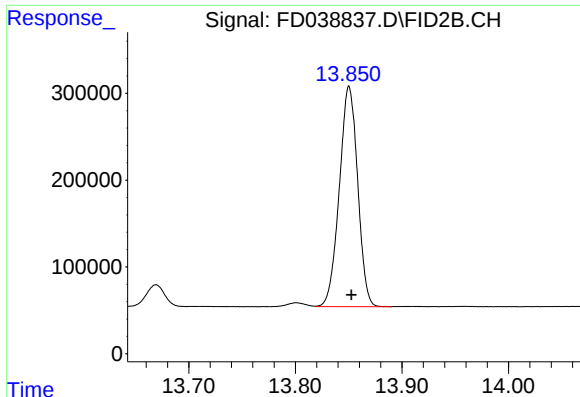
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 3015070
Conc: 21.69 ug/ml



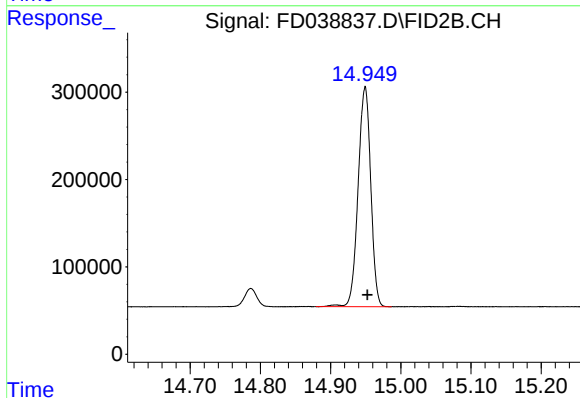
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 2528049
Conc: 21.73 ug/ml



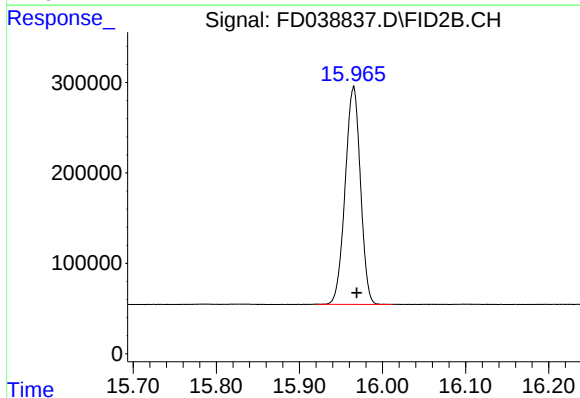
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.002 min
Response: 3037816
Conc: 22.30 ug/ml



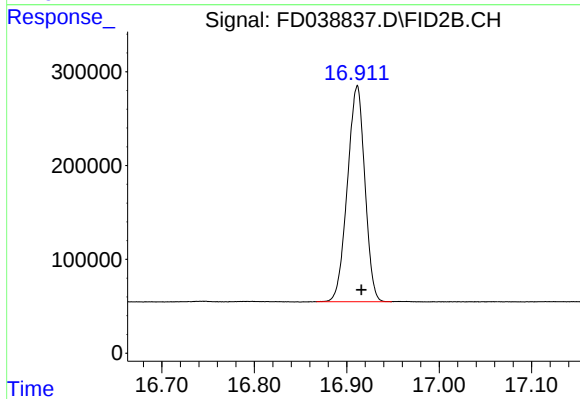
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.003 min
Response: 3151841
Conc: 23.59 ug/ml



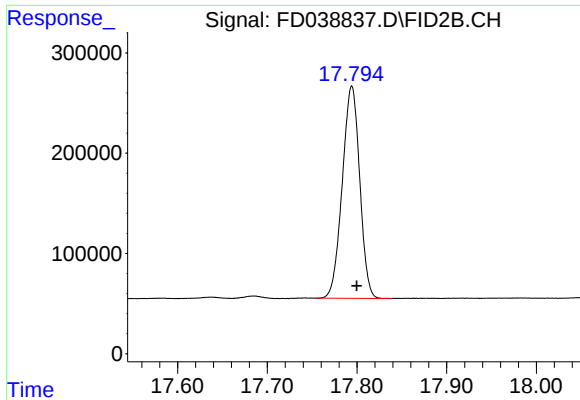
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: -0.004 min
Response: 3078704
Conc: 24.28 ug/ml



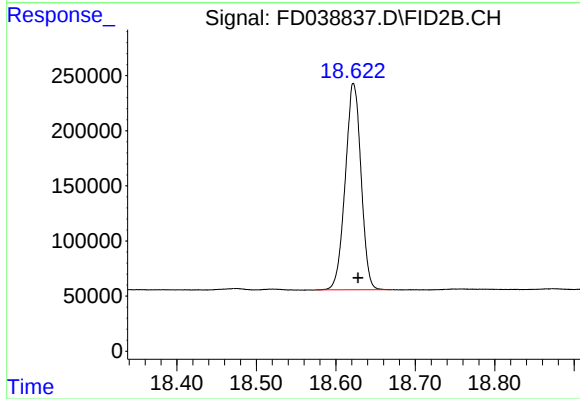
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.005 min
Response: 3017953
Conc: 24.96 ug/ml



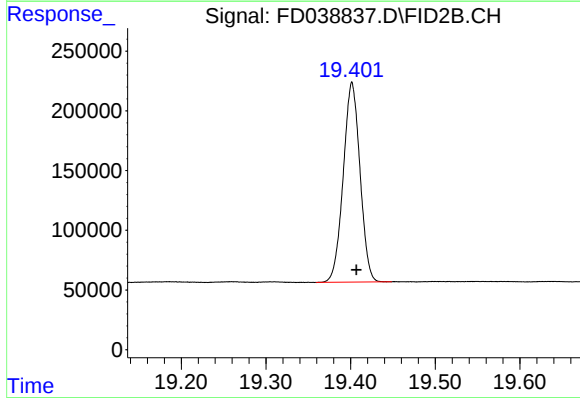
#17 n-Tricontane (C30)

R.T.: 17.794 min
Delta R.T.: -0.006 min
Response: 2860644
Conc: 24.94 ug/ml



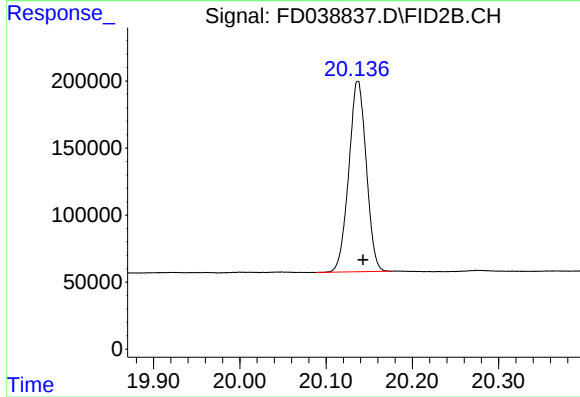
#18 n-Dotriacontane (C32)

R.T.: 18.622 min
Delta R.T.: -0.006 min
Response: 2584123
Conc: 23.89 ug/ml



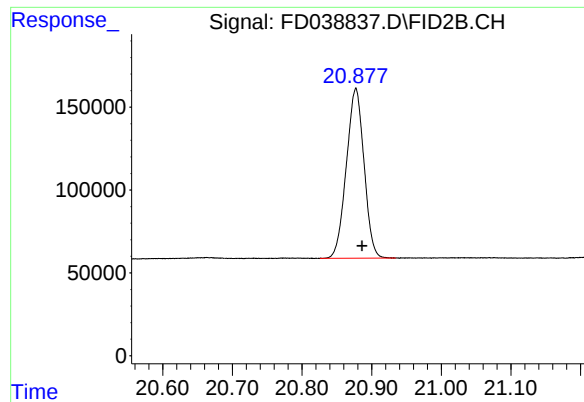
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: -0.005 min
Response: 2300975
Conc: 22.10 ug/ml



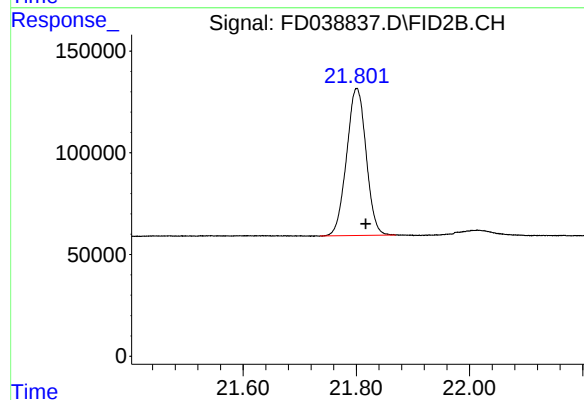
#20 n-Hexatriacontane (C36)

R.T.: 20.137 min
Delta R.T.: -0.006 min
Response: 2001794
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.877 min
Delta R.T.: -0.009 min
Response: 1802619
Conc: 19.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.016 min
Response: 1730338
Conc: 18.28 ug/ml