

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092221AL\
 Data File : FD038872.D
 Signal(s) : FID2B.CH
 Acq On : 22 Sep 2021 14:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 23 01:05:52 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)	11.677	3089966	21.022 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
12) S 1-chlorooctadecane (S...	13.103	2453184	21.090 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
Target Compounds			
1) T n-Nonane (C9)	3.438	2679984	21.042 ug/ml
2) T n-Decane (C10)	4.507	2720524	21.004 ug/ml
3) T A~Naphthalene (C11.7)	6.099	3060838	21.019 ug/ml
4) T n-Dodecane (C12)	6.524	2739083	20.852 ug/ml
5) T A~2-methylnaphthalene...	7.154	3094997	20.925 ug/ml
6) T n-Tetradecane (C14)	8.316	2788075	20.686 ug/ml
7) T n-Hexadecane (C16)	9.914	2819382	20.620 ug/ml
8) T n-Octadecane (C18)	11.352	2907586	20.806 ug/ml
10) T n-Eicosane (C20)	12.658	2900270	21.034 ug/ml
11) T n-Heneicosane (C21)	13.268	2921242	21.018 ug/ml
13) T n-Docosane (C22)	13.852	2933305	21.531 ug/ml
14) T n-Tetracosane (C24)	14.951	3016362	22.577 ug/ml
15) T n-Hexacosane (C26)	15.968	2899612	22.865 ug/ml
16) T n-Octacosane (C28)	16.913	2805925	23.205 ug/ml
17) T n-Tricontane (C30)	17.796	2654942	23.145 ug/ml
18) T n-Dotriacontane (C32)	18.624	2430247	22.471 ug/ml
19) T n-Tetratriacontane (C34)	19.404	2194132	21.075 ug/ml
20) T n-Hexatriacontane (C36)	20.139	1935695	19.742 ug/ml
21) T n-Octatriacontane (C38)	20.880	1749258	18.552 ug/ml
22) T n-Tetracontane (C40)	21.804	1669989	17.638 ug/ml

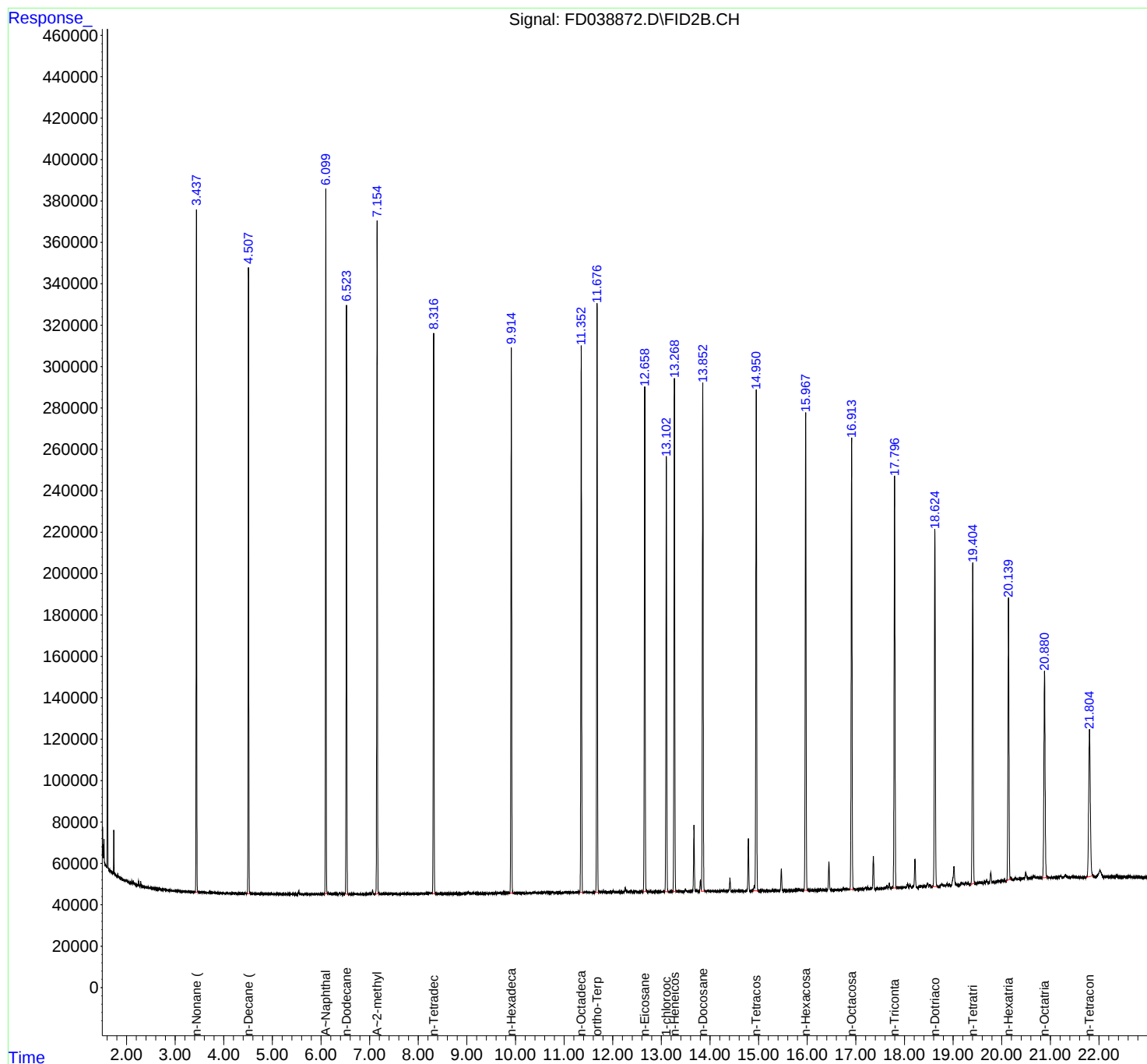
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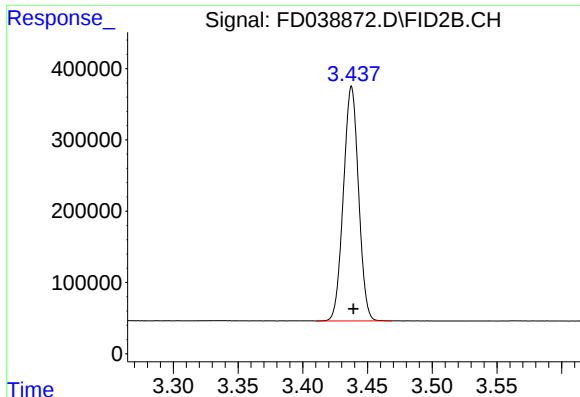
(m)=manual int.

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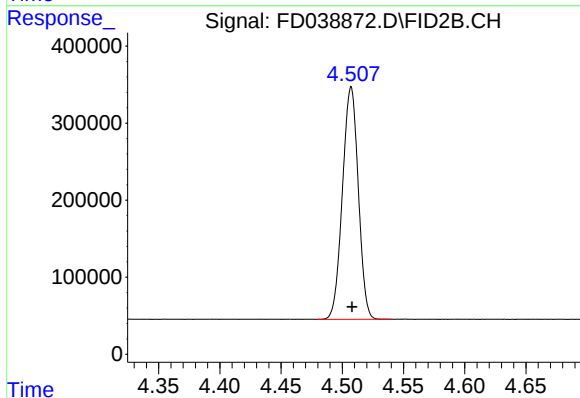
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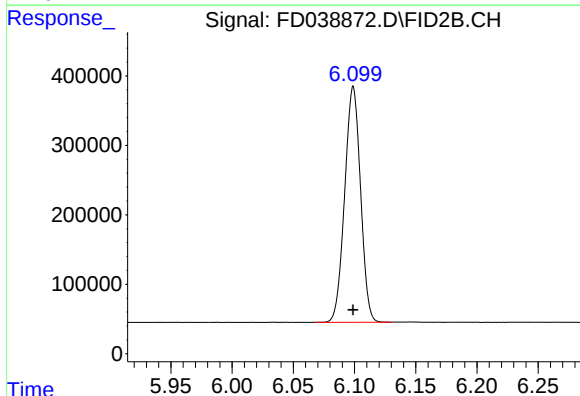
#1 n-Nonane (C9)

R.T.: 3.438 min
Delta R.T.: -0.001 min
Response: 2679984
Conc: 21.04 ug/ml



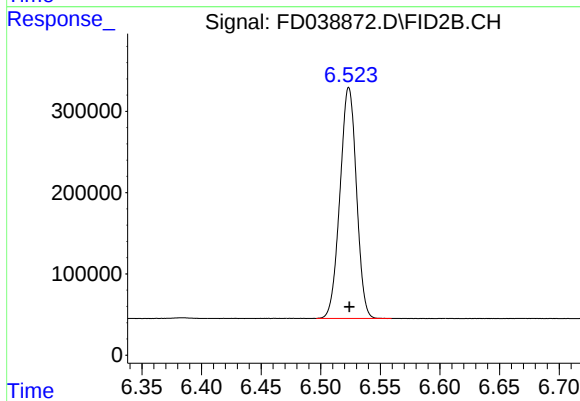
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 2720524
Conc: 21.00 ug/ml



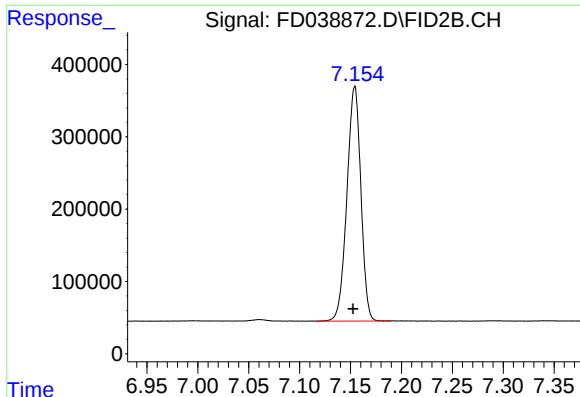
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3060838
Conc: 21.02 ug/ml



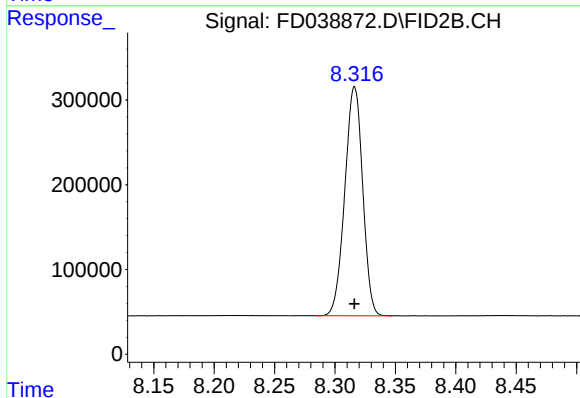
#4 n-Dodecane (C12)

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 2739083
Conc: 20.85 ug/ml



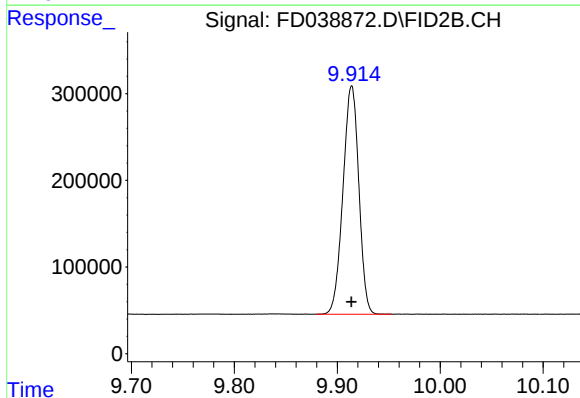
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 3094997
Conc: 20.93 ug/ml



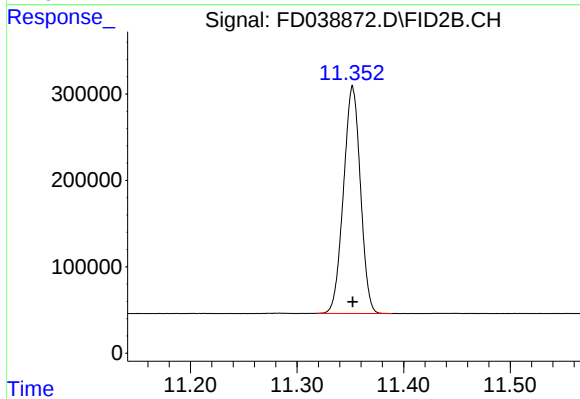
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2788075
Conc: 20.69 ug/ml



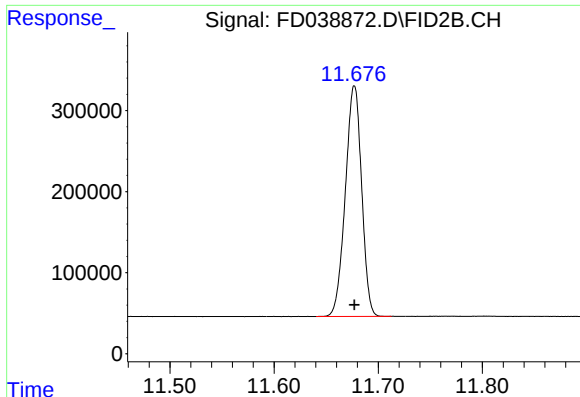
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2819382
Conc: 20.62 ug/ml



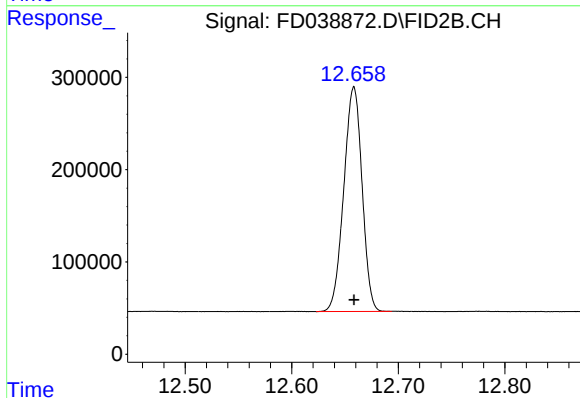
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2907586
Conc: 20.81 ug/ml



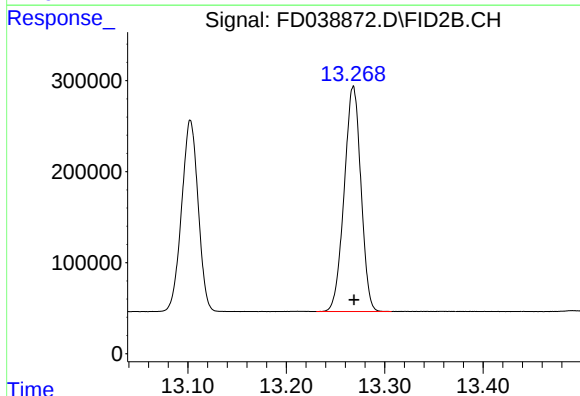
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 3089966
Conc: 21.02 ug/ml



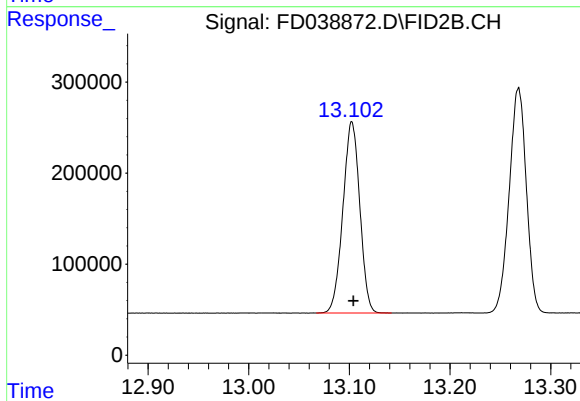
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 2900270
Conc: 21.03 ug/ml



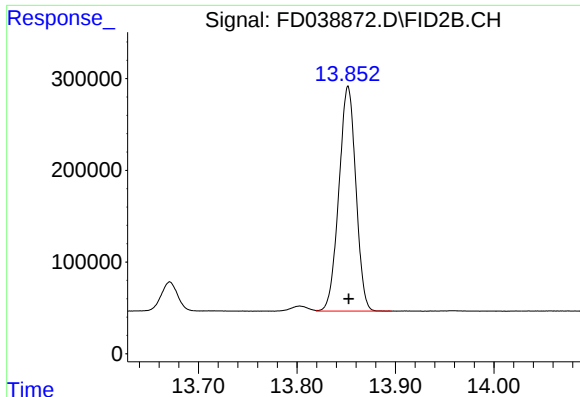
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2921242
Conc: 21.02 ug/ml



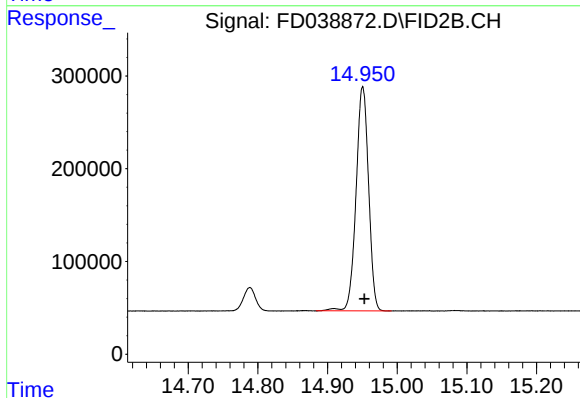
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: -0.001 min
Response: 2453184
Conc: 21.09 ug/ml



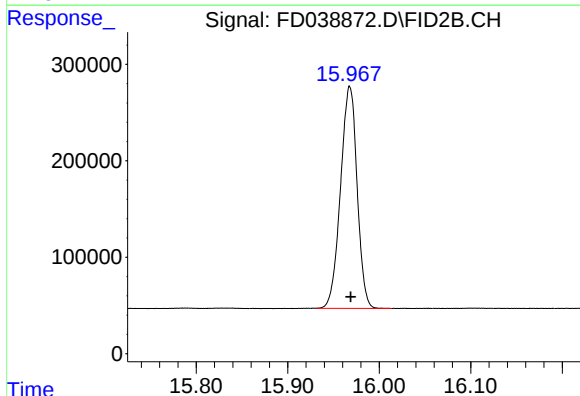
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.000 min
Response: 2933305
Conc: 21.53 ug/ml



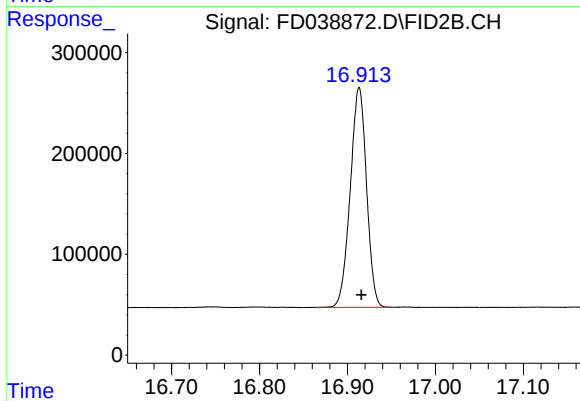
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.002 min
Response: 3016362
Conc: 22.58 ug/ml



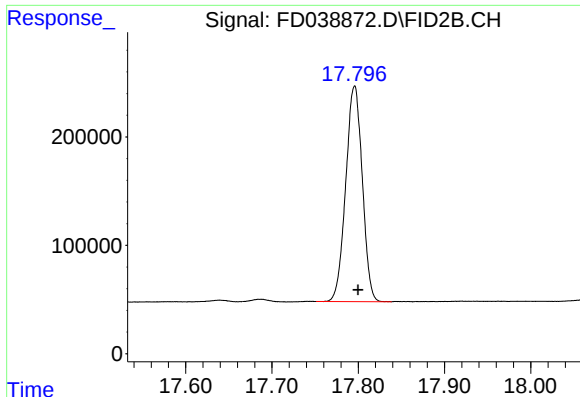
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: 0.000 min
Response: 2899612
Conc: 22.87 ug/ml



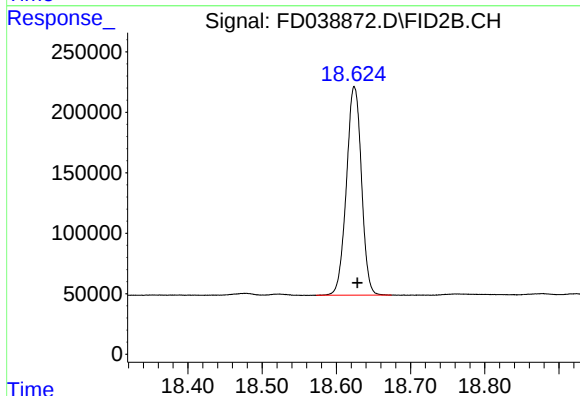
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2805925
Conc: 23.20 ug/ml



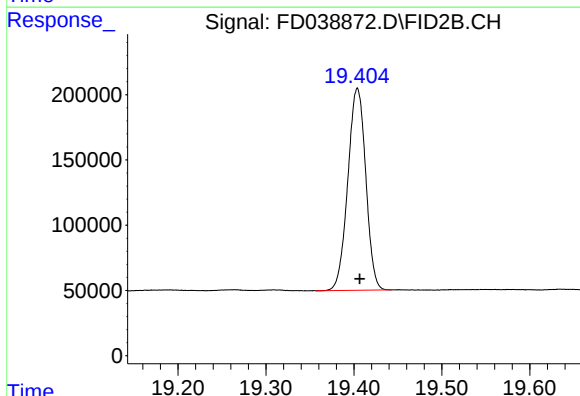
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.004 min
Response: 2654942
Conc: 23.14 ug/ml



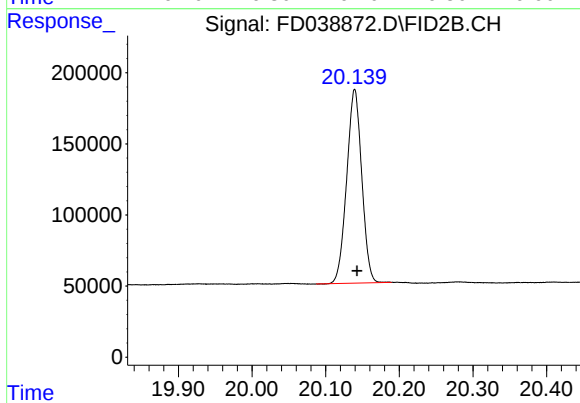
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.004 min
Response: 2430247
Conc: 22.47 ug/ml



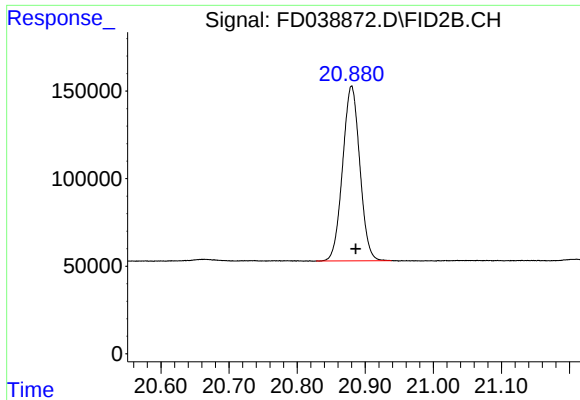
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.003 min
Response: 2194132
Conc: 21.08 ug/ml



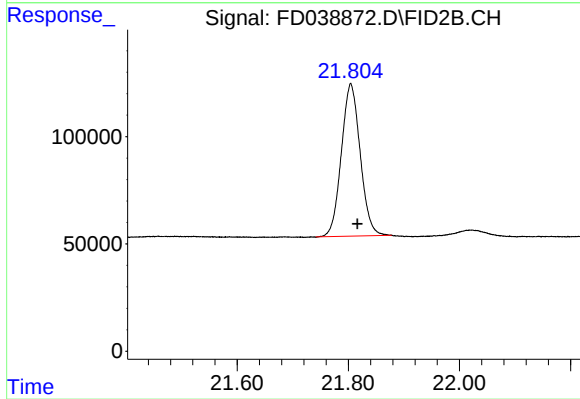
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: -0.003 min
Response: 1935695
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.880 min
Delta R.T.: -0.006 min
Response: 1749258
Conc: 18.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.804 min
Delta R.T.: -0.012 min
Response: 1669989
Conc: 17.64 ug/ml