

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092721AL\
 Data File : FD038902.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2021 11:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 28 00:38:07 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)	11.679	2781904	18.926 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	13.105	2188242	18.812 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.439	2479481	19.468 ug/ml
2) T n-Decane (C10)	4.509	2512602	19.399 ug/ml
3) T A~Naphthalene (C11.7)	6.101	2828976	19.426 ug/ml
4) T n-Dodecane (C12)	6.525	2529797	19.259 ug/ml
5) T A~2-methylnaphthalene...	7.156	2855092	19.303 ug/ml
6) T n-Tetradecane (C14)	8.317	2568466	19.056 ug/ml
7) T n-Hexadecane (C16)	9.915	2583154	18.893 ug/ml
8) T n-Octadecane (C18)	11.354	2642162	18.906 ug/ml
10) T n-Eicosane (C20)	12.660	2608499	18.918 ug/ml
11) T n-Heneicosane (C21)	13.270	2617164	18.831 ug/ml
13) T n-Docosane (C22)	13.854	2574298	18.896 ug/ml
14) T n-Tetracosane (C24)	14.954	2520127	18.863 ug/ml
15) T n-Hexacosane (C26)	15.969	2380180	18.769 ug/ml
16) T n-Octacosane (C28)	16.915	2252870	18.631 ug/ml
17) T n-Tricontane (C30)	17.797	2130960	18.577 ug/ml
18) T n-Dotriacontane (C32)	18.627	2016728	18.648 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1964735	18.872 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1881376	19.188 ug/ml
21) T n-Octatriacontane (C38)	20.885	1832166	19.431 ug/ml
22) T n-Tetracontane (C40)	21.811	1863834	19.685 ug/ml

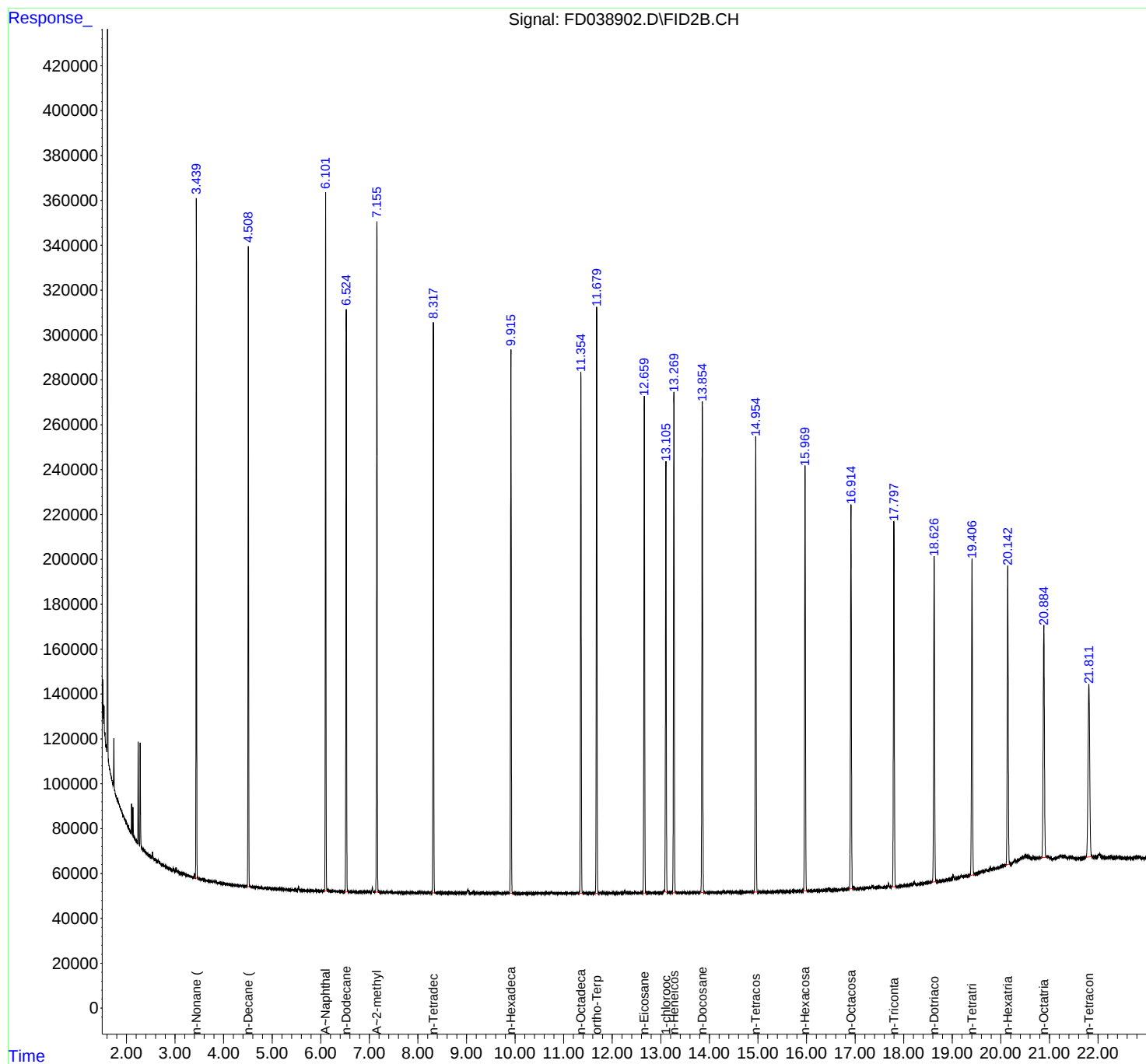
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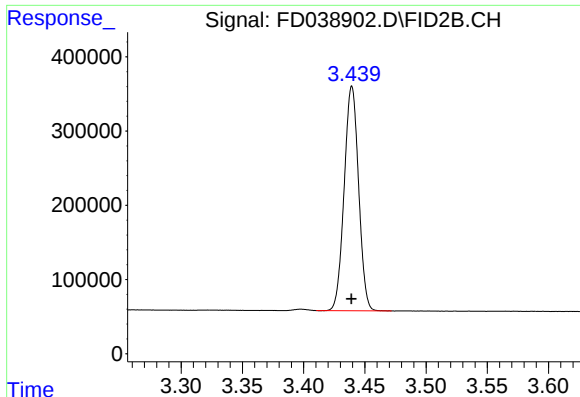
(m)=manual int.

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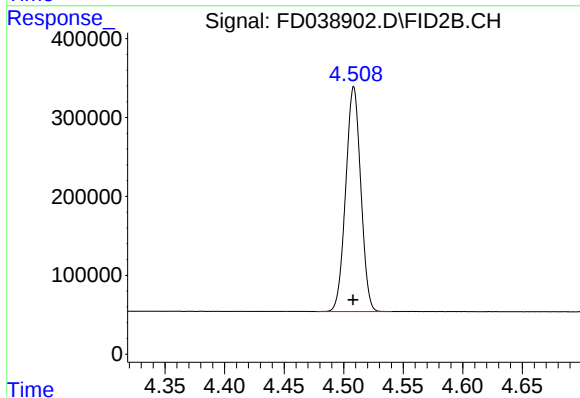
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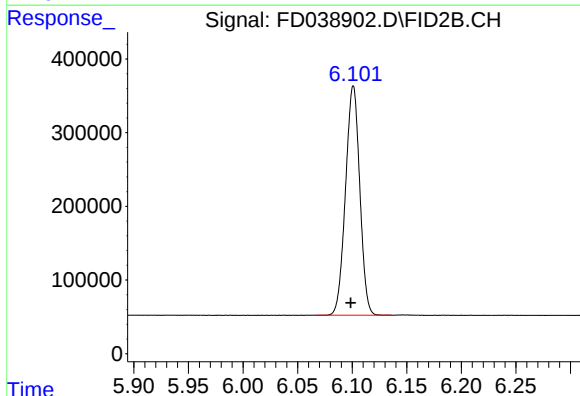
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2479481
Conc: 19.47 ug/ml



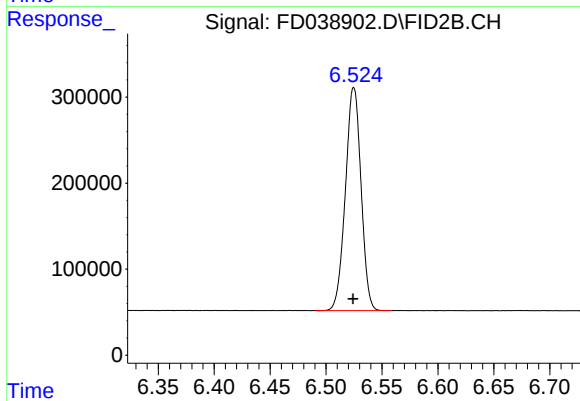
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2512602
Conc: 19.40 ug/ml



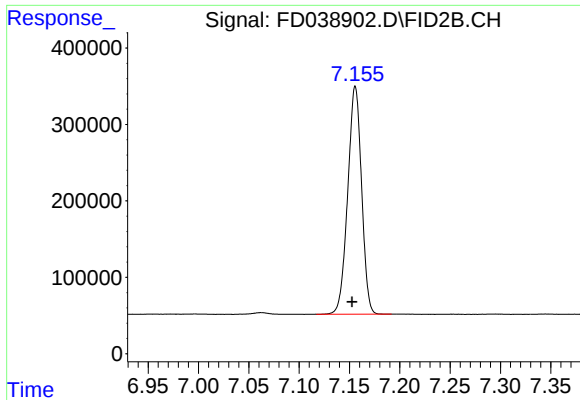
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.002 min
Response: 2828976
Conc: 19.43 ug/ml



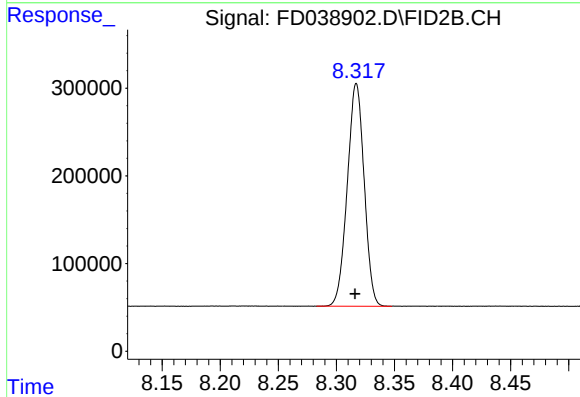
#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2529797
Conc: 19.26 ug/ml



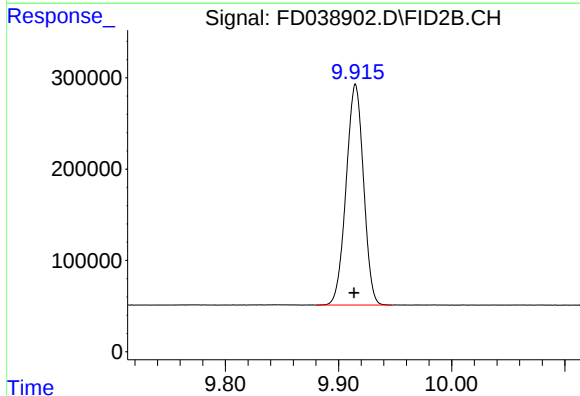
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.003 min
Response: 2855092
Conc: 19.30 ug/ml



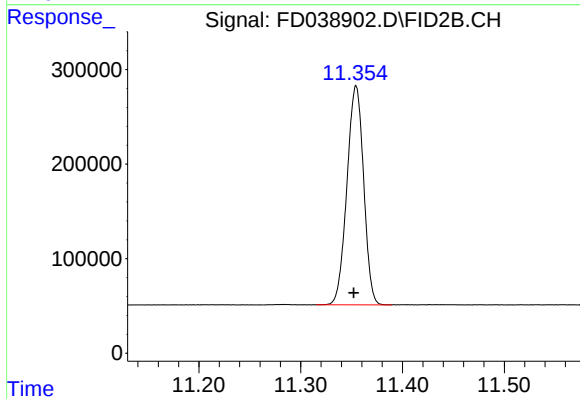
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.001 min
Response: 2568466
Conc: 19.06 ug/ml



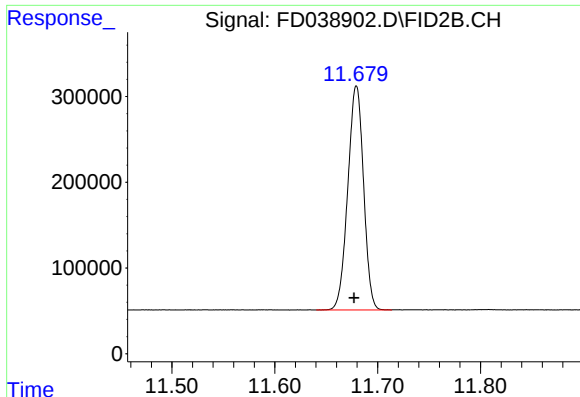
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 2583154
Conc: 18.89 ug/ml



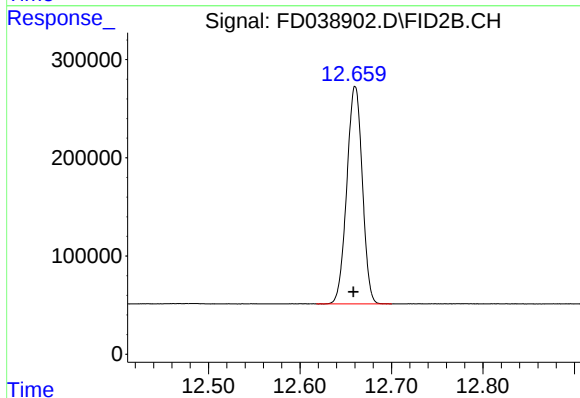
#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: 0.002 min
Response: 2642162
Conc: 18.91 ug/ml



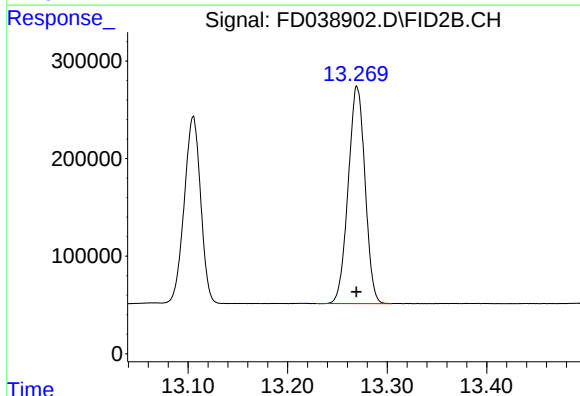
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.002 min
Response: 2781904
Conc: 18.93 ug/ml



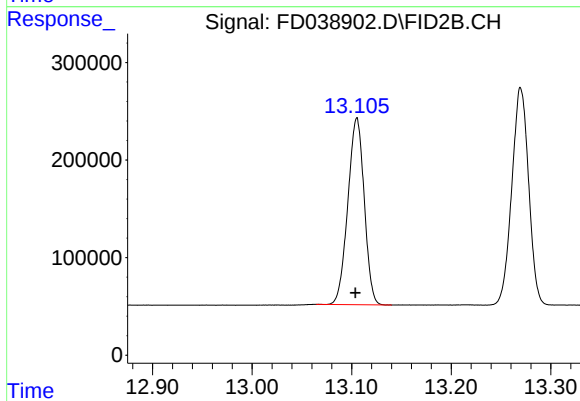
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.002 min
Response: 2608499
Conc: 18.92 ug/ml



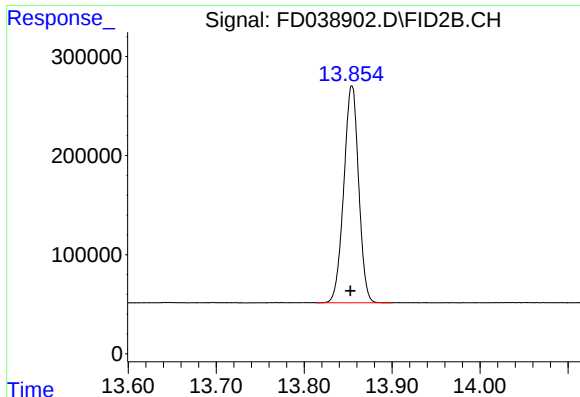
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 2617164
Conc: 18.83 ug/ml



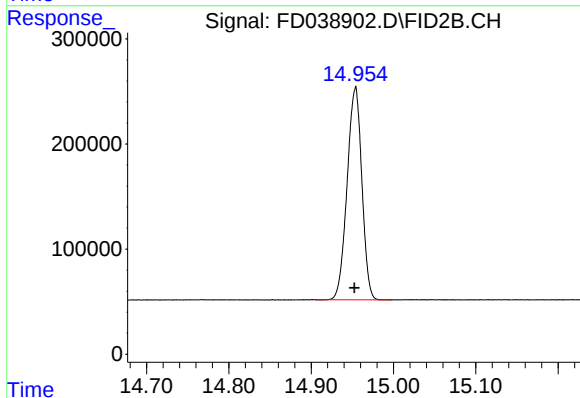
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: 0.001 min
Response: 2188242
Conc: 18.81 ug/ml



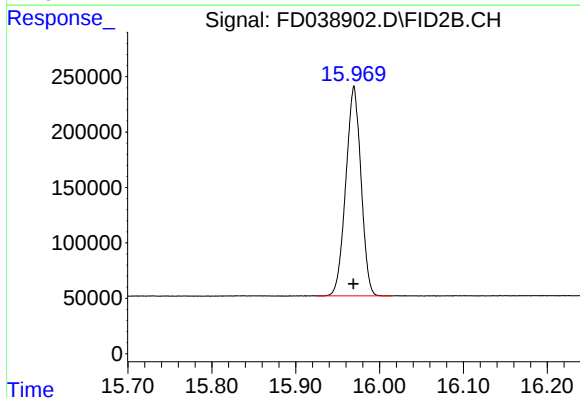
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.002 min
Response: 2574298
Conc: 18.90 ug/ml



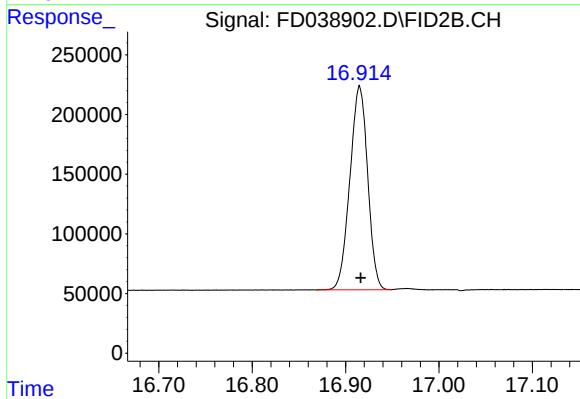
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2520127
Conc: 18.86 ug/ml



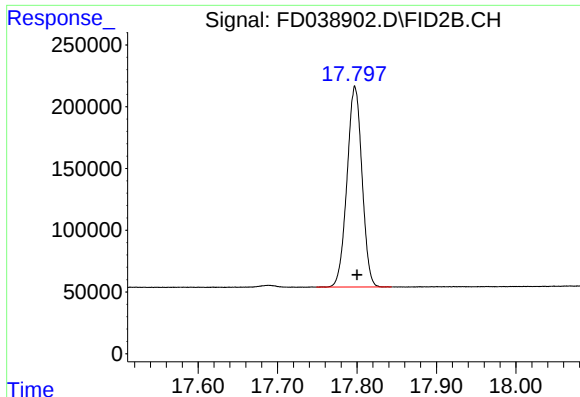
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.000 min
Response: 2380180
Conc: 18.77 ug/ml



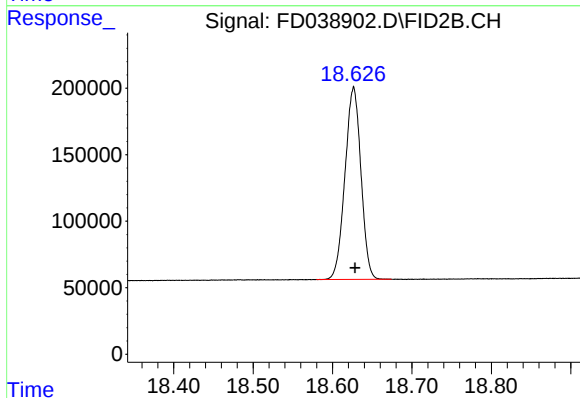
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.001 min
Response: 2252870
Conc: 18.63 ug/ml



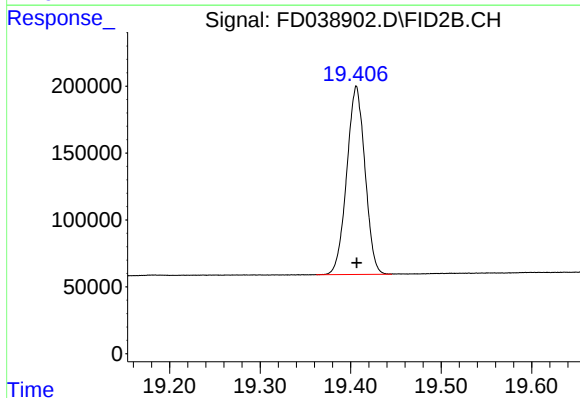
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.002 min
Response: 2130960
Conc: 18.58 ug/ml



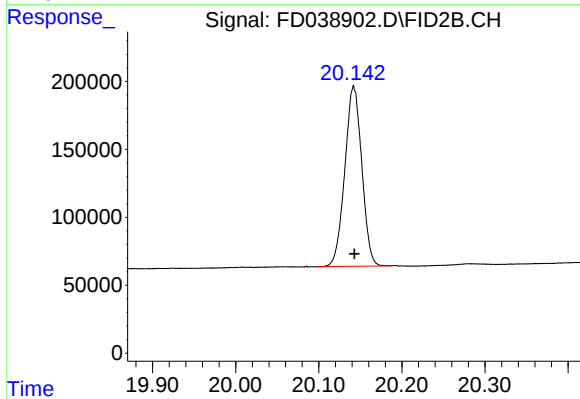
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.002 min
Response: 2016728
Conc: 18.65 ug/ml



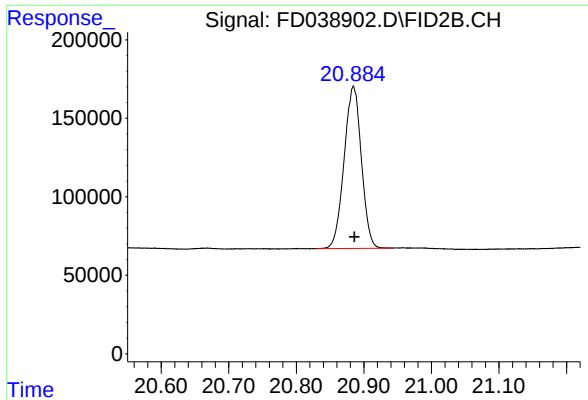
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: 0.000 min
Response: 1964735
Conc: 18.87 ug/ml



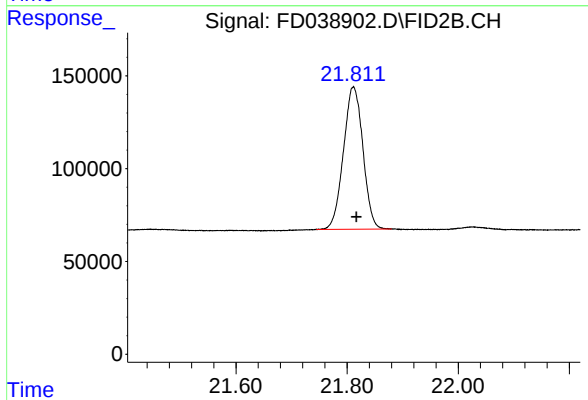
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 1881376
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: -0.002 min
Response: 1832166
Conc: 19.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.005 min
Response: 1863834
Conc: 19.69 ug/ml