

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092421AL\
 Data File : FD038890.D
 Signal(s) : FID2B.CH
 Acq On : 25 Sep 2021 00:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 25 00:42:36 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)	11.681	3047549	20.733 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
12) S 1-chlorooctadecane (S...	13.106	2397917	20.615 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
Target Compounds			
1) T n-Nonane (C9)	3.439	2676203	21.013 ug/ml
2) T n-Decane (C10)	4.509	2739266	21.149 ug/ml
3) T A~Naphthalene (C11.7)	6.102	3093862	21.245 ug/ml
4) T n-Dodecane (C12)	6.527	2778464	21.152 ug/ml
5) T A~2-methylnaphthalene...	7.158	3137354	21.212 ug/ml
6) T n-Tetradecane (C14)	8.320	2825611	20.964 ug/ml
7) T n-Hexadecane (C16)	9.917	2844553	20.804 ug/ml
8) T n-Octadecane (C18)	11.355	2904868	20.786 ug/ml
10) T n-Eicosane (C20)	12.661	2853812	20.697 ug/ml
11) T n-Heneicosane (C21)	13.271	2860353	20.580 ug/ml
13) T n-Docosane (C22)	13.855	2810037	20.626 ug/ml
14) T n-Tetracosane (C24)	14.954	2763966	20.688 ug/ml
15) T n-Hexacosane (C26)	15.971	2620930	20.668 ug/ml
16) T n-Octacosane (C28)	16.916	2501197	20.685 ug/ml
17) T n-Tricontane (C30)	17.800	2373478	20.691 ug/ml
18) T n-Dotriacontane (C32)	18.629	2249082	20.796 ug/ml
19) T n-Tetratriacontane (C34)	19.409	2154839	20.698 ug/ml
20) T n-Hexatriacontane (C36)	20.145	2025172	20.654 ug/ml
21) T n-Octatriacontane (C38)	20.887	2033963	21.571 ug/ml
22) T n-Tetracontane (C40)	21.815	2200496	23.241 ug/ml

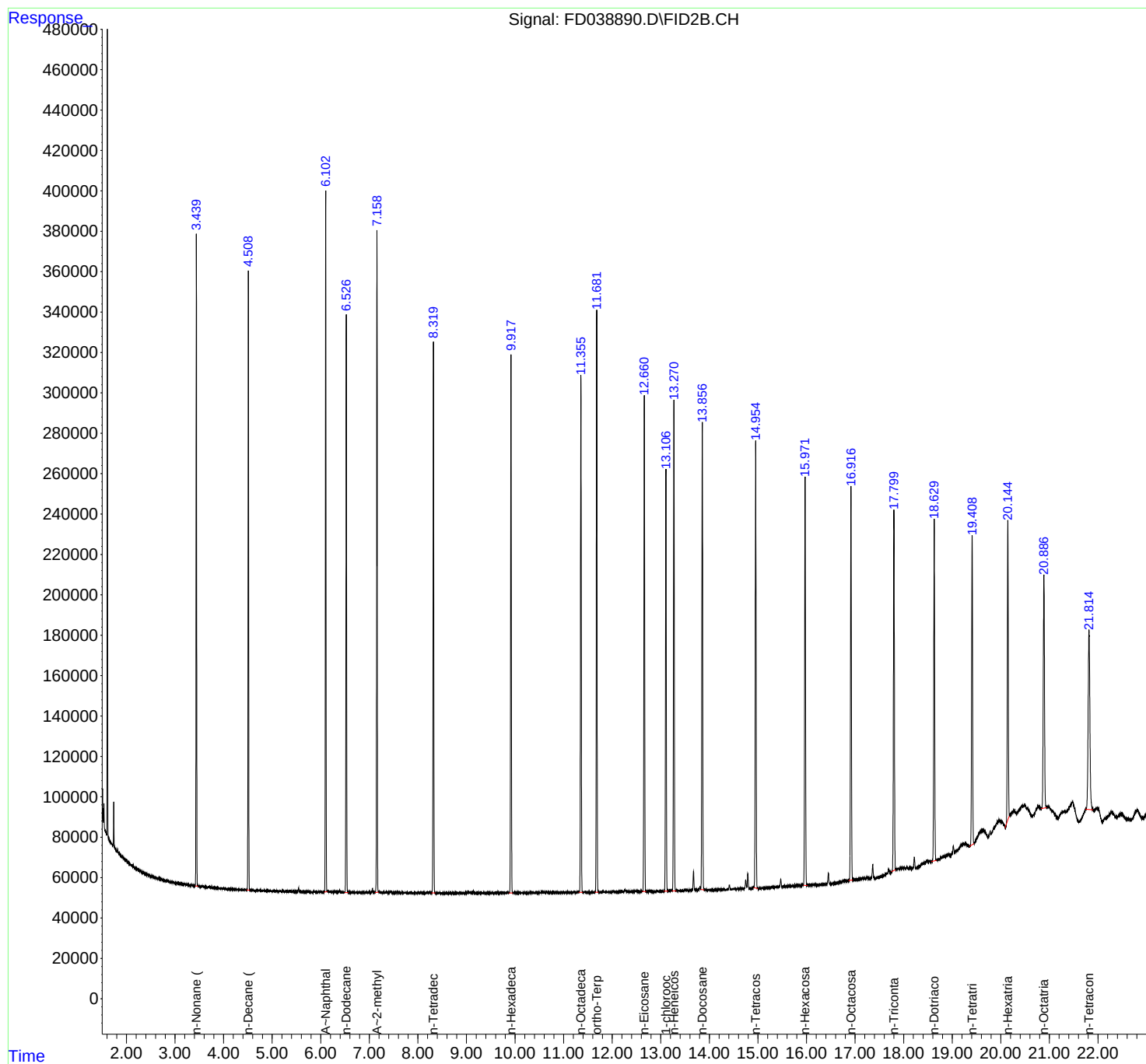
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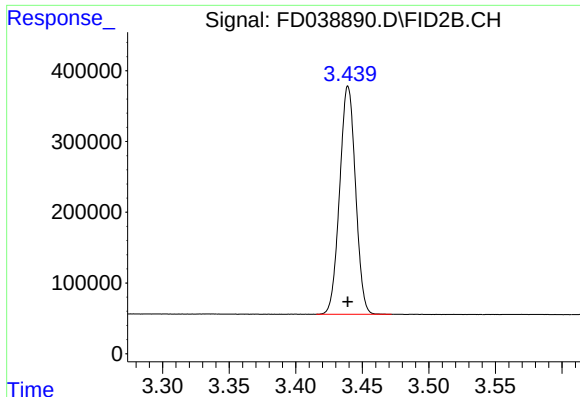
(m)=manual int.

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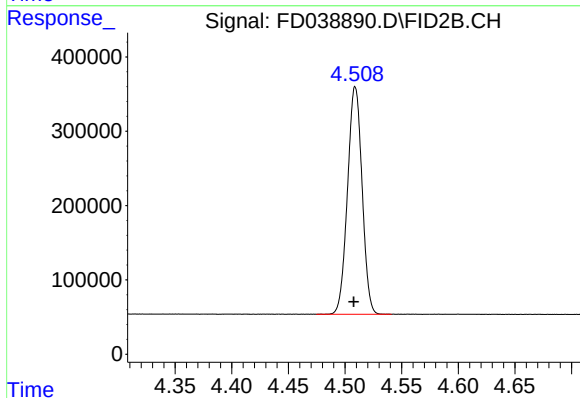
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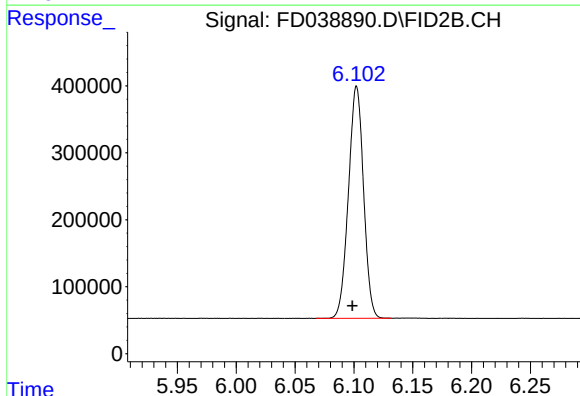
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2676203
Conc: 21.01 ug/ml



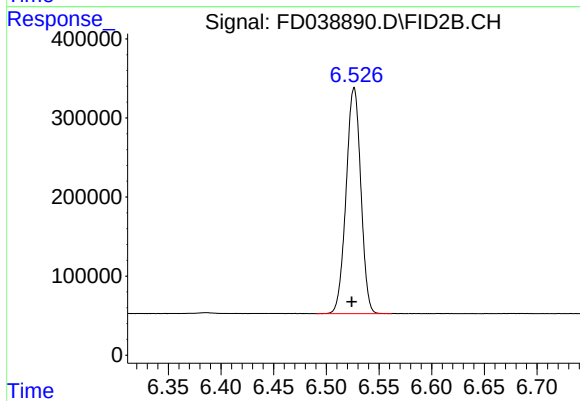
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 2739266
Conc: 21.15 ug/ml



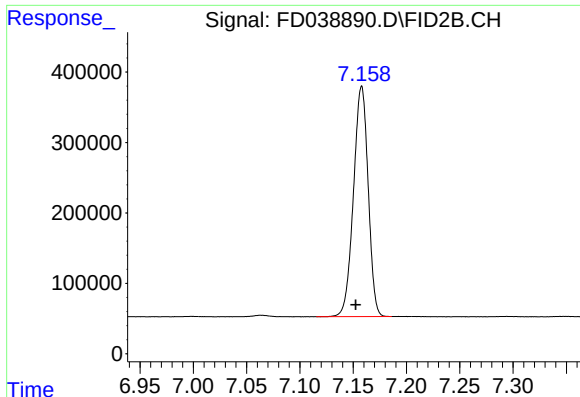
#3 A~Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.004 min
Response: 3093862
Conc: 21.25 ug/ml



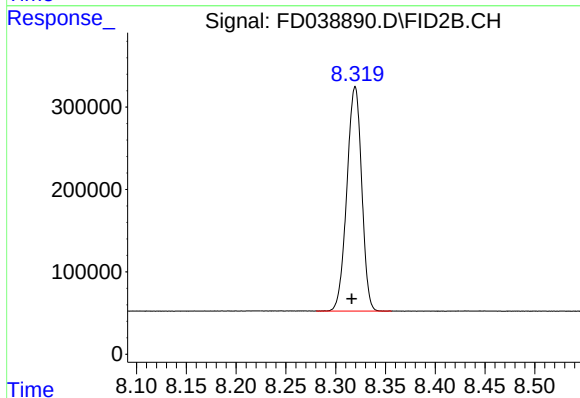
#4 n-Dodecane (C12)

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 2778464
Conc: 21.15 ug/ml



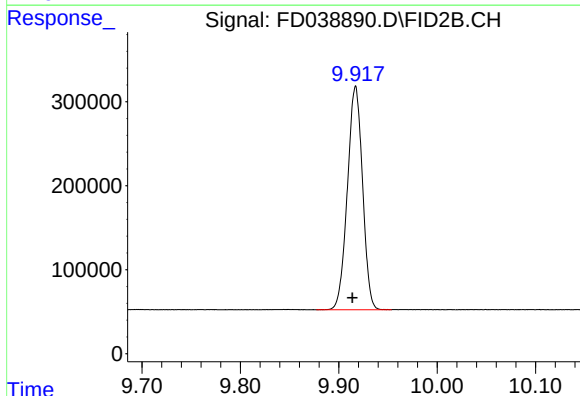
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.158 min
Delta R.T.: 0.006 min
Response: 3137354
Conc: 21.21 ug/ml



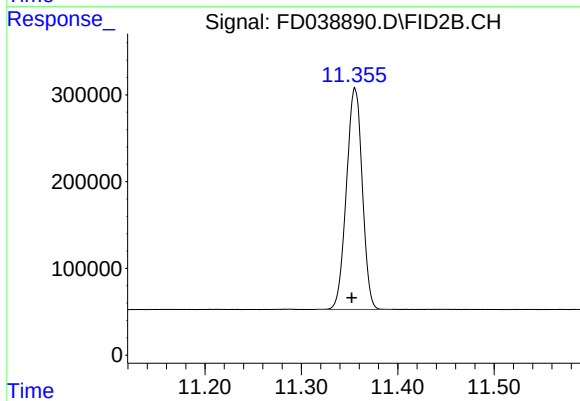
#6 n-Tetradecane (C14)

R.T.: 8.320 min
Delta R.T.: 0.004 min
Response: 2825611
Conc: 20.96 ug/ml



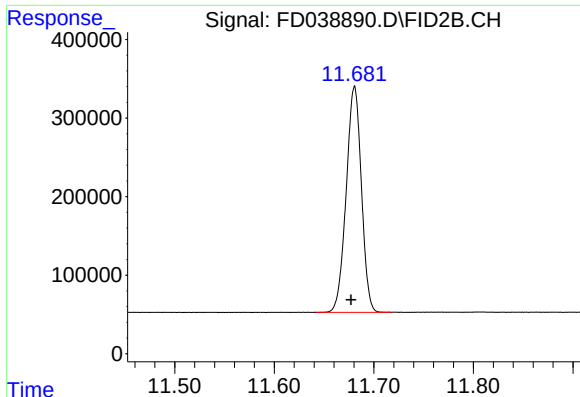
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.003 min
Response: 2844553
Conc: 20.80 ug/ml



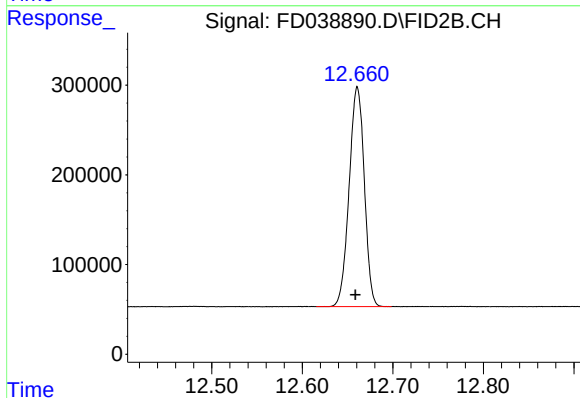
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.003 min
Response: 2904868
Conc: 20.79 ug/ml



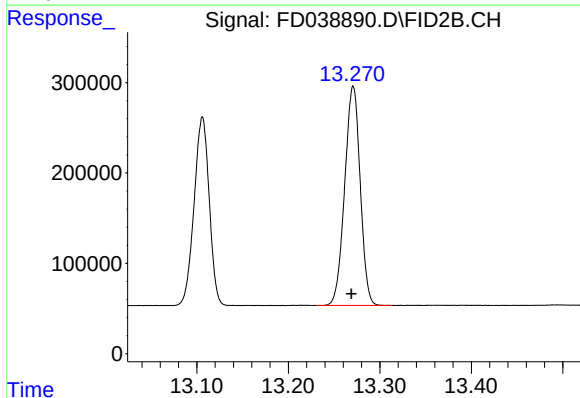
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.004 min
Response: 3047549
Conc: 20.73 ug/ml



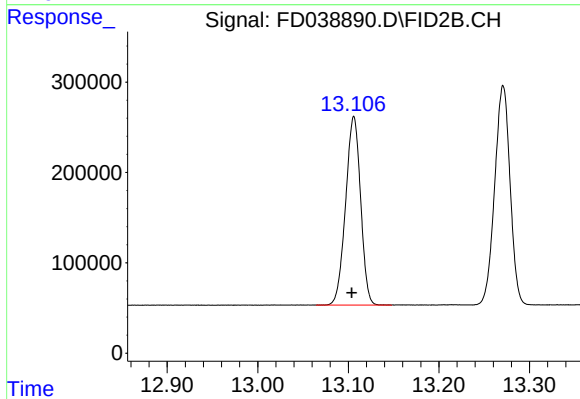
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 2853812
Conc: 20.70 ug/ml



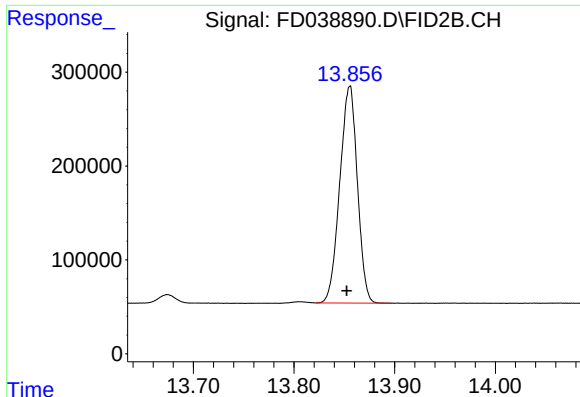
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2860353
Conc: 20.58 ug/ml



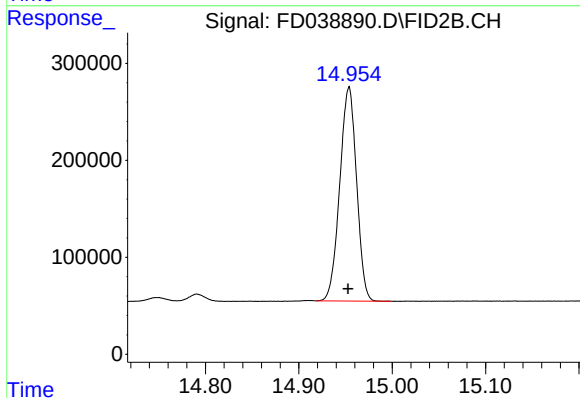
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 2397917
Conc: 20.62 ug/ml



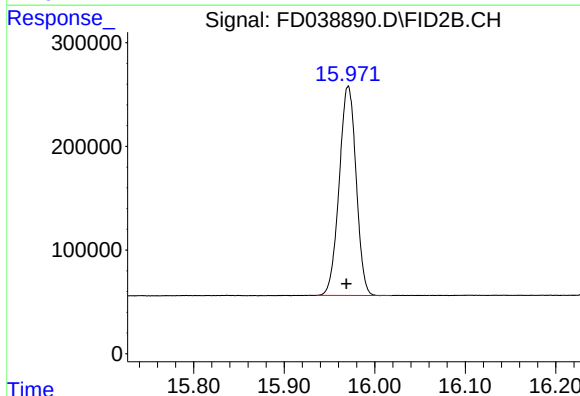
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: 0.003 min
Response: 2810037
Conc: 20.63 ug/ml



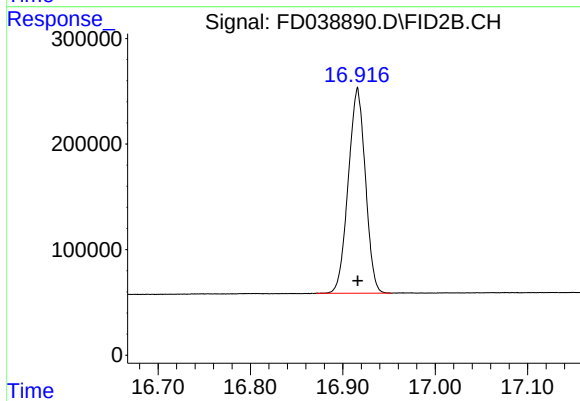
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2763966
Conc: 20.69 ug/ml



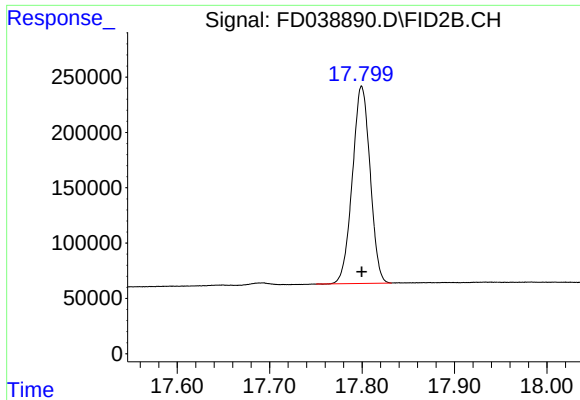
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: 0.002 min
Response: 2620930
Conc: 20.67 ug/ml



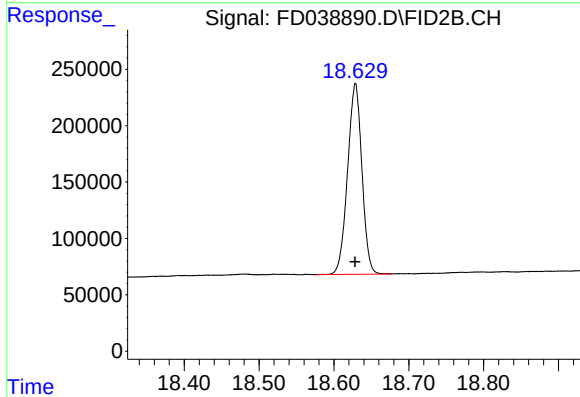
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 2501197
Conc: 20.68 ug/ml



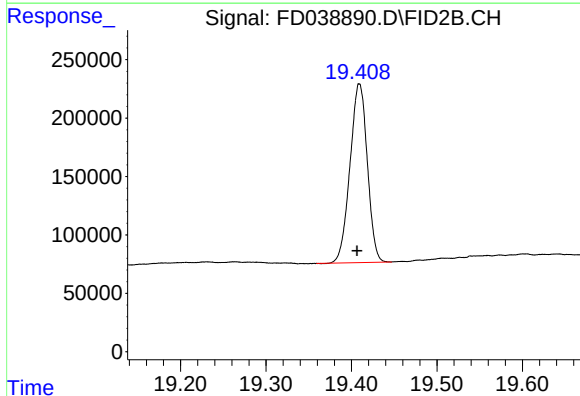
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 2373478
Conc: 20.69 ug/ml



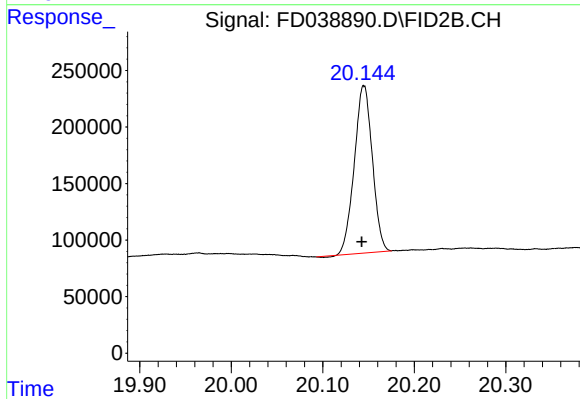
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 2249082
Conc: 20.80 ug/ml



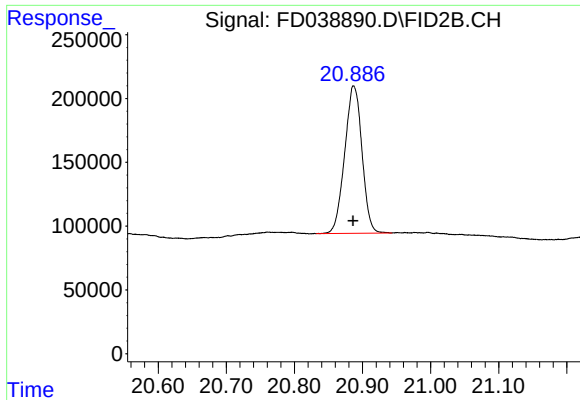
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.003 min
Response: 2154839
Conc: 20.70 ug/ml



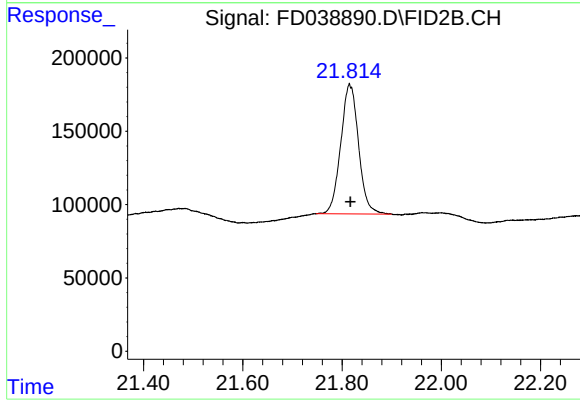
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: 0.002 min
Response: 2025172
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.000 min
Response: 2033963
Conc: 21.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: -0.002 min
Response: 2200496
Conc: 23.24 ug/ml