

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092721AL\
 Data File : FD038936.D
 Signal(s) : FID2B.CH
 Acq On : 28 Sep 2021 11:07
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 28 11:50:22 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)	11.685	2705881	18.409 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.111	2122230	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.441	2540194	19.945 ug/ml
2) T n-Decane (C10)	4.510	2584446	19.953 ug/ml
3) T A~Naphthalene (C11.7)	6.105	2896549	19.891 ug/ml
4) T n-Dodecane (C12)	6.529	2603657	19.821 ug/ml
5) T A~2-methylnaphthalene...	7.161	2913243	19.696 ug/ml
6) T n-Tetradecane (C14)	8.322	2629776	19.511 ug/ml
7) T n-Hexadecane (C16)	9.920	2616946	19.140 ug/ml
8) T n-Octadecane (C18)	11.359	2633338	18.843 ug/ml
10) T n-Eicosane (C20)	12.665	2548257	18.481 ug/ml
11) T n-Heneicosane (C21)	13.276	2527739	18.187 ug/ml
13) T n-Docosane (C22)	13.860	2457546	18.039 ug/ml
14) T n-Tetracosane (C24)	14.959	2397582	17.946 ug/ml
15) T n-Hexacosane (C26)	15.976	2272150	17.917 ug/ml
16) T n-Octacosane (C28)	16.921	2182898	18.052 ug/ml
17) T n-Tricontane (C30)	17.805	2128969	18.559 ug/ml
18) T n-Dotriacontane (C32)	18.634	2067045	19.113 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2011337	19.320 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1924646	19.629 ug/ml
21) T n-Octatriacontane (C38)	20.893	1869853	19.831 ug/ml
22) T n-Tetracontane (C40)	21.824	2051518	21.668 ug/ml

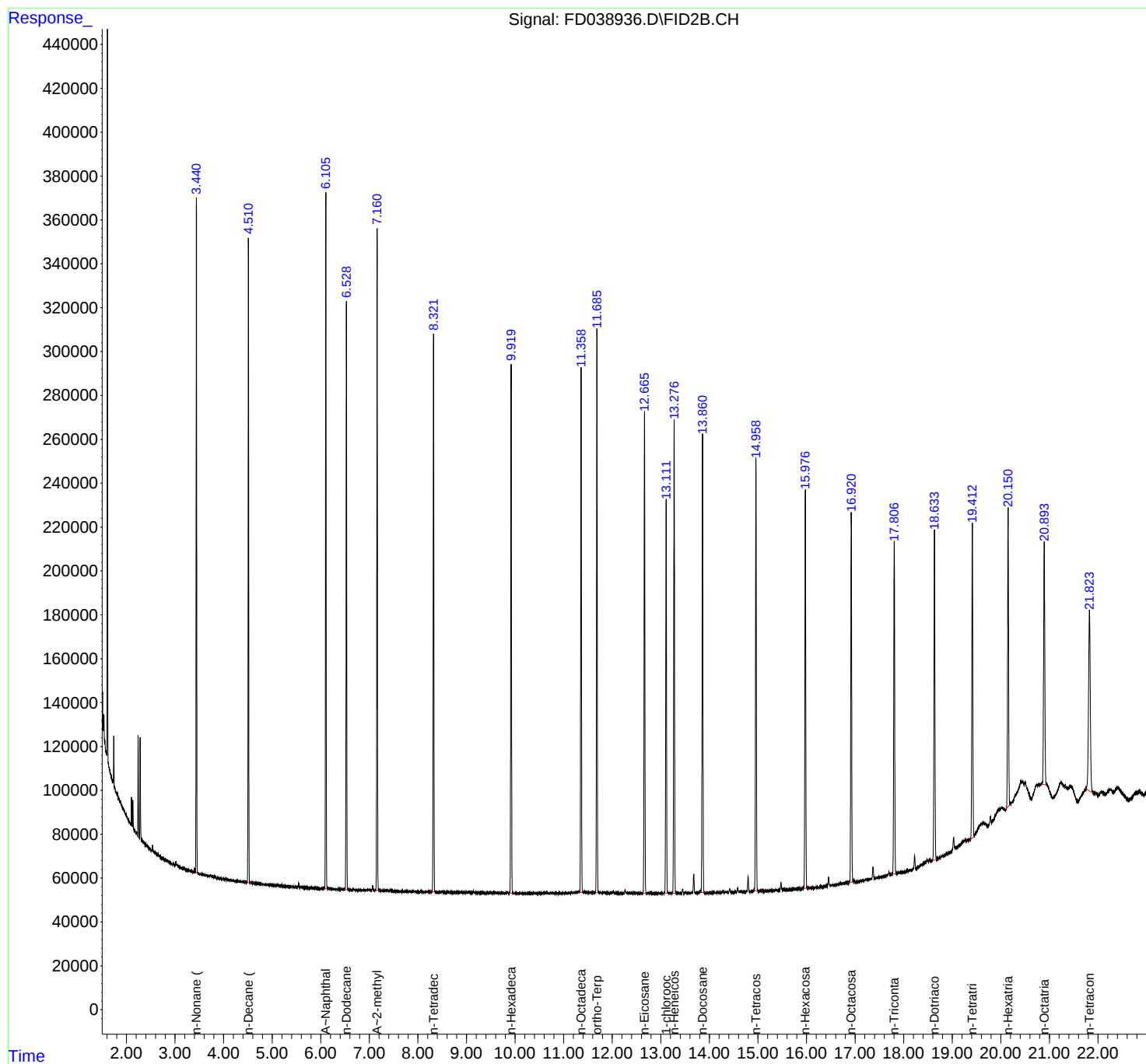
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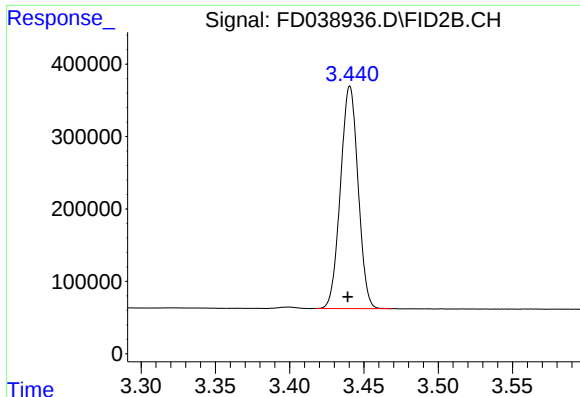
(m)=manual int.

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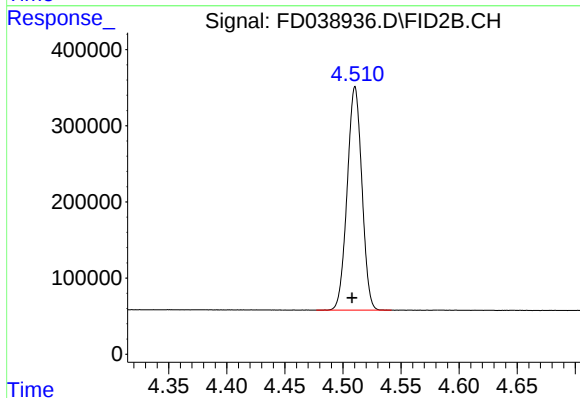
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





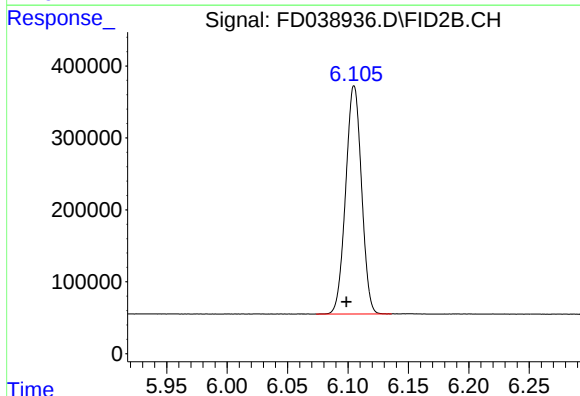
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: 0.002 min
Response: 2540194
Conc: 19.94 ug/ml



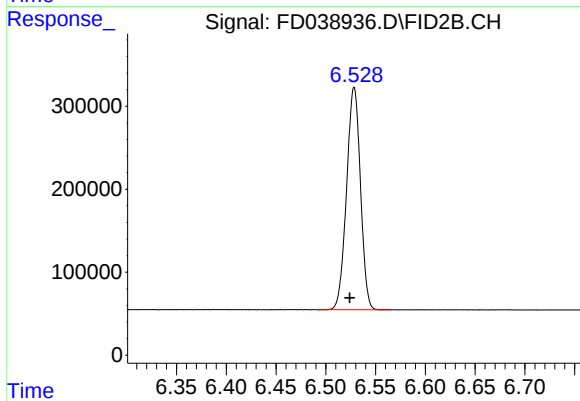
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.003 min
Response: 2584446
Conc: 19.95 ug/ml



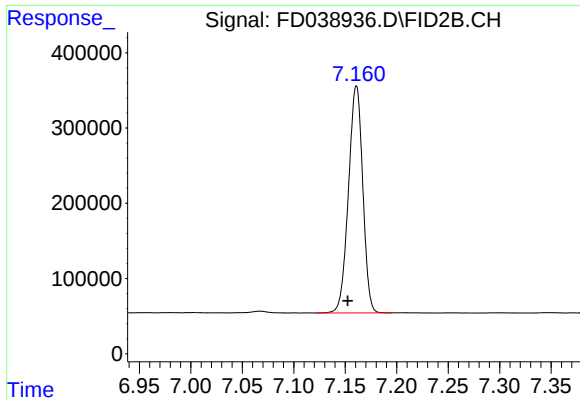
#3 A~Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: 0.006 min
Response: 2896549
Conc: 19.89 ug/ml



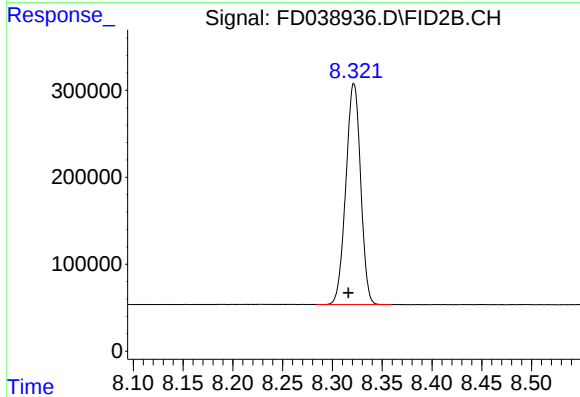
#4 n-Dodecane (C12)

R.T.: 6.529 min
Delta R.T.: 0.005 min
Response: 2603657
Conc: 19.82 ug/ml



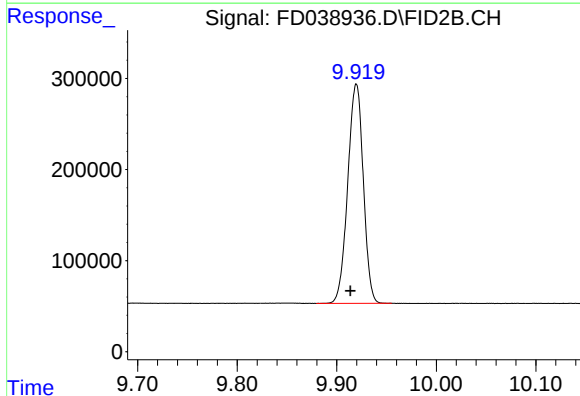
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.161 min
Delta R.T.: 0.009 min
Response: 2913243
Conc: 19.70 ug/ml



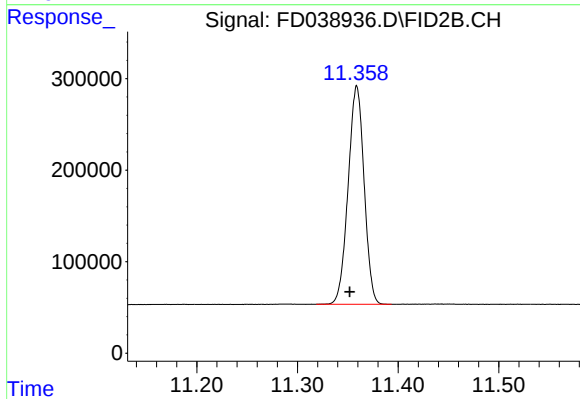
#6 n-Tetradecane (C14)

R.T.: 8.322 min
Delta R.T.: 0.006 min
Response: 2629776
Conc: 19.51 ug/ml



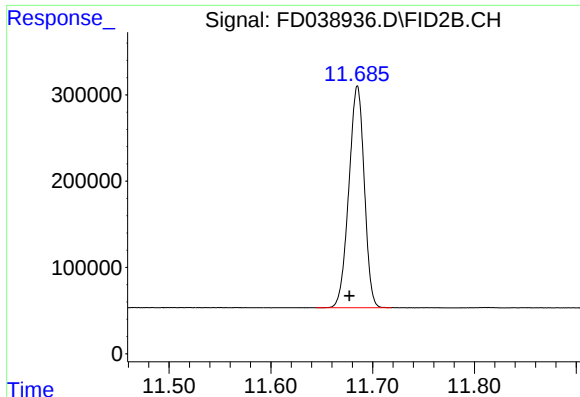
#7 n-Hexadecane (C16)

R.T.: 9.920 min
Delta R.T.: 0.006 min
Response: 2616946
Conc: 19.14 ug/ml



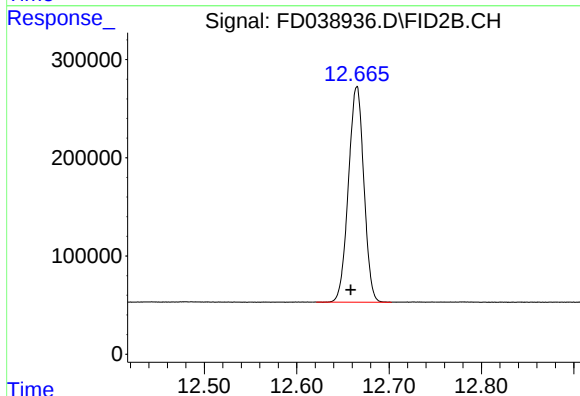
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.007 min
Response: 2633338
Conc: 18.84 ug/ml



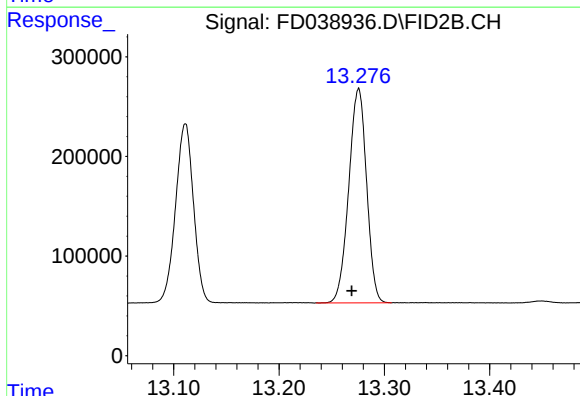
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: 0.008 min
Response: 2705881
Conc: 18.41 ug/ml



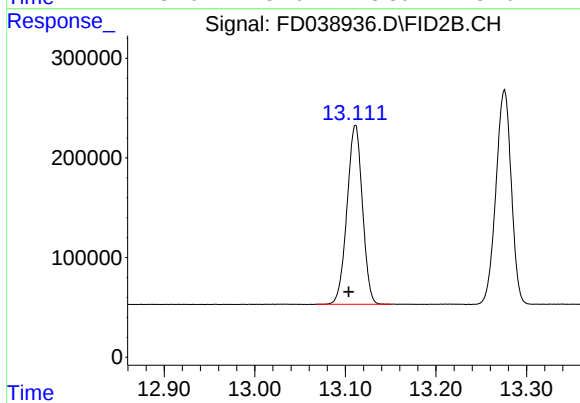
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.007 min
Response: 2548257
Conc: 18.48 ug/ml



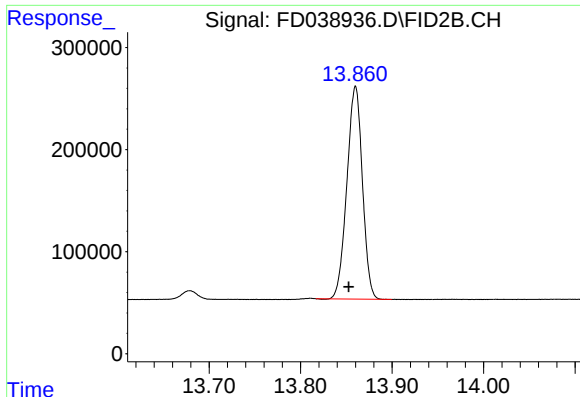
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.007 min
Response: 2527739
Conc: 18.19 ug/ml



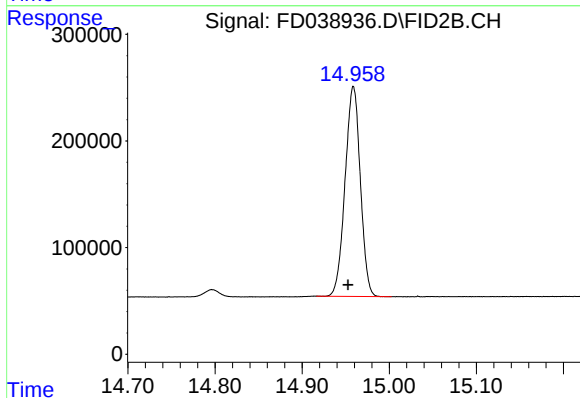
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 2122230
Conc: 18.24 ug/ml



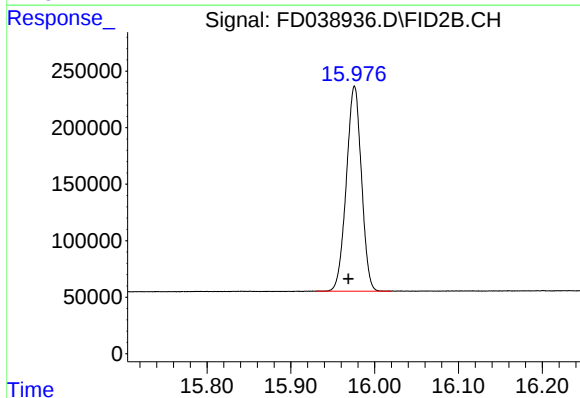
#13 n-Docosane (C22)

R.T.: 13.860 min
Delta R.T.: 0.008 min
Response: 2457546
Conc: 18.04 ug/ml



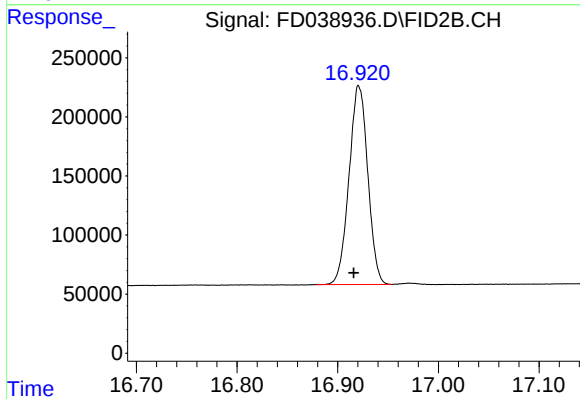
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: 0.006 min
Response: 2397582
Conc: 17.95 ug/ml



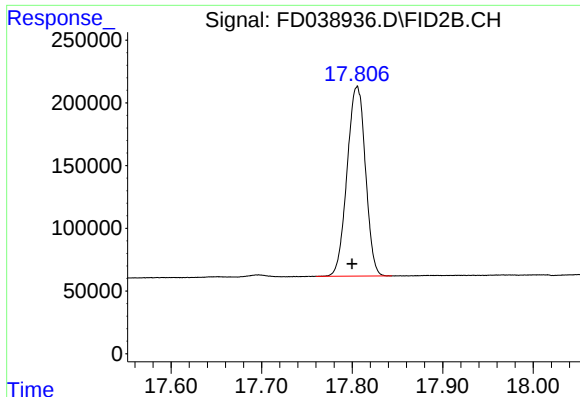
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.007 min
Response: 2272150
Conc: 17.92 ug/ml



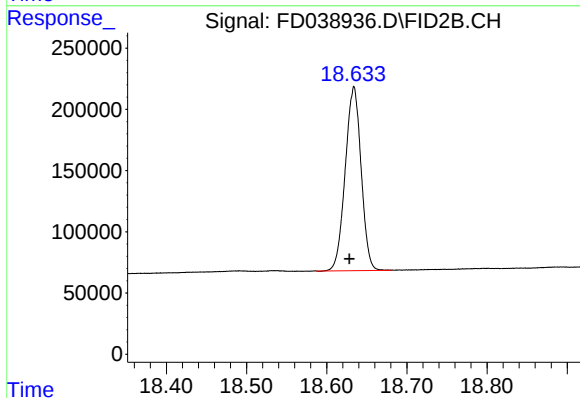
#16 n-Octacosane (C28)

R.T.: 16.921 min
Delta R.T.: 0.005 min
Response: 2182898
Conc: 18.05 ug/ml



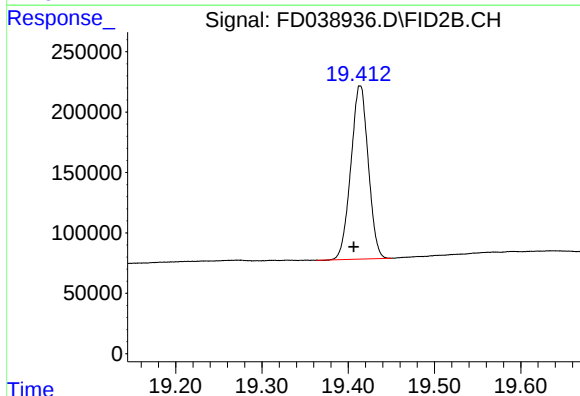
#17 n-Tricontane (C30)

R.T.: 17.805 min
Delta R.T.: 0.006 min
Response: 2128969
Conc: 18.56 ug/ml



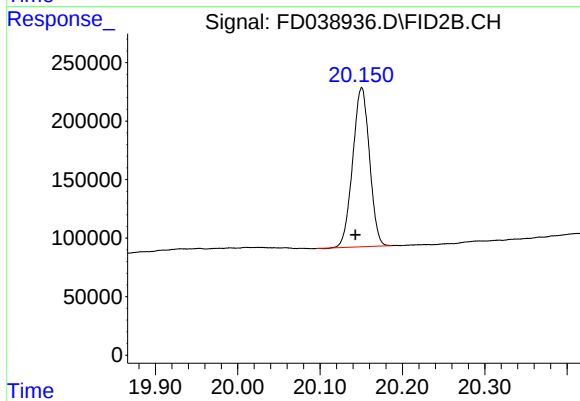
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.006 min
Response: 2067045
Conc: 19.11 ug/ml



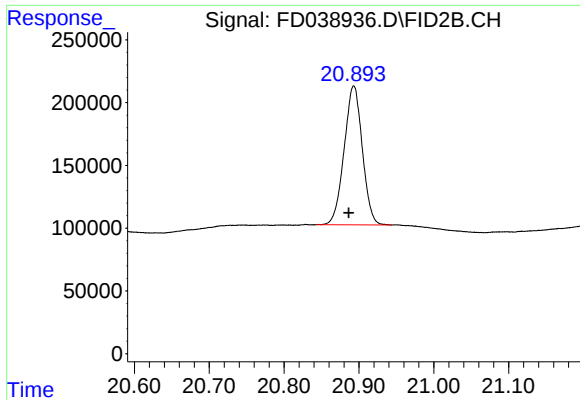
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: 0.007 min
Response: 2011337
Conc: 19.32 ug/ml



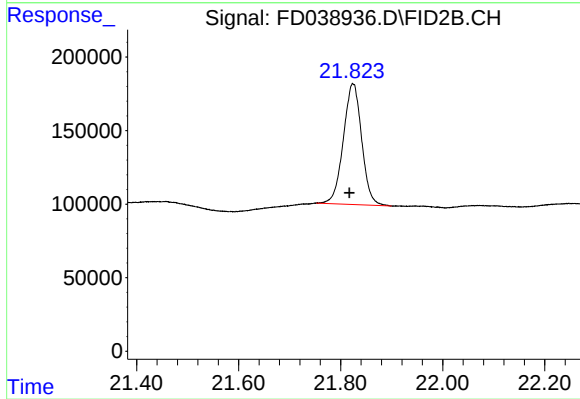
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: 0.008 min
Response: 1924646
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: 0.007 min
Response: 1869853
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.824 min
Delta R.T.: 0.007 min
Response: 2051518
Conc: 21.67 ug/ml