

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092721AL\
 Data File : FD038924.D
 Signal(s) : FID2B.CH
 Acq On : 28 Sep 2021 3:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 28 04:07:00 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)	11.683	2756334	18.752 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.109	2159267	18.563 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.440	2532891	19.887 ug/ml
2) T n-Decane (C10)	4.510	2577409	19.899 ug/ml
3) T A~Naphthalene (C11.7)	6.104	2898456	19.904 ug/ml
4) T n-Dodecane (C12)	6.528	2601090	19.802 ug/ml
5) T A~2-methylnaphthalene...	7.160	2922816	19.761 ug/ml
6) T n-Tetradecane (C14)	8.320	2634540	19.547 ug/ml
7) T n-Hexadecane (C16)	9.919	2629036	19.228 ug/ml
8) T n-Octadecane (C18)	11.357	2660010	19.034 ug/ml
10) T n-Eicosane (C20)	12.664	2588412	18.773 ug/ml
11) T n-Heneicosane (C21)	13.274	2575797	18.533 ug/ml
13) T n-Docosane (C22)	13.858	2511964	18.438 ug/ml
14) T n-Tetracosane (C24)	14.958	2446334	18.311 ug/ml
15) T n-Hexacosane (C26)	15.975	2312000	18.232 ug/ml
16) T n-Octacosane (C28)	16.920	2208128	18.261 ug/ml
17) T n-Tricontane (C30)	17.804	2137604	18.635 ug/ml
18) T n-Dotriacontane (C32)	18.634	2062251	19.068 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2014888	19.354 ug/ml
20) T n-Hexatriacontane (C36)	20.150	1933323	19.718 ug/ml
21) T n-Octatriacontane (C38)	20.892	1868897	19.821 ug/ml
22) T n-Tetracontane (C40)	21.822	1951594	20.612 ug/ml

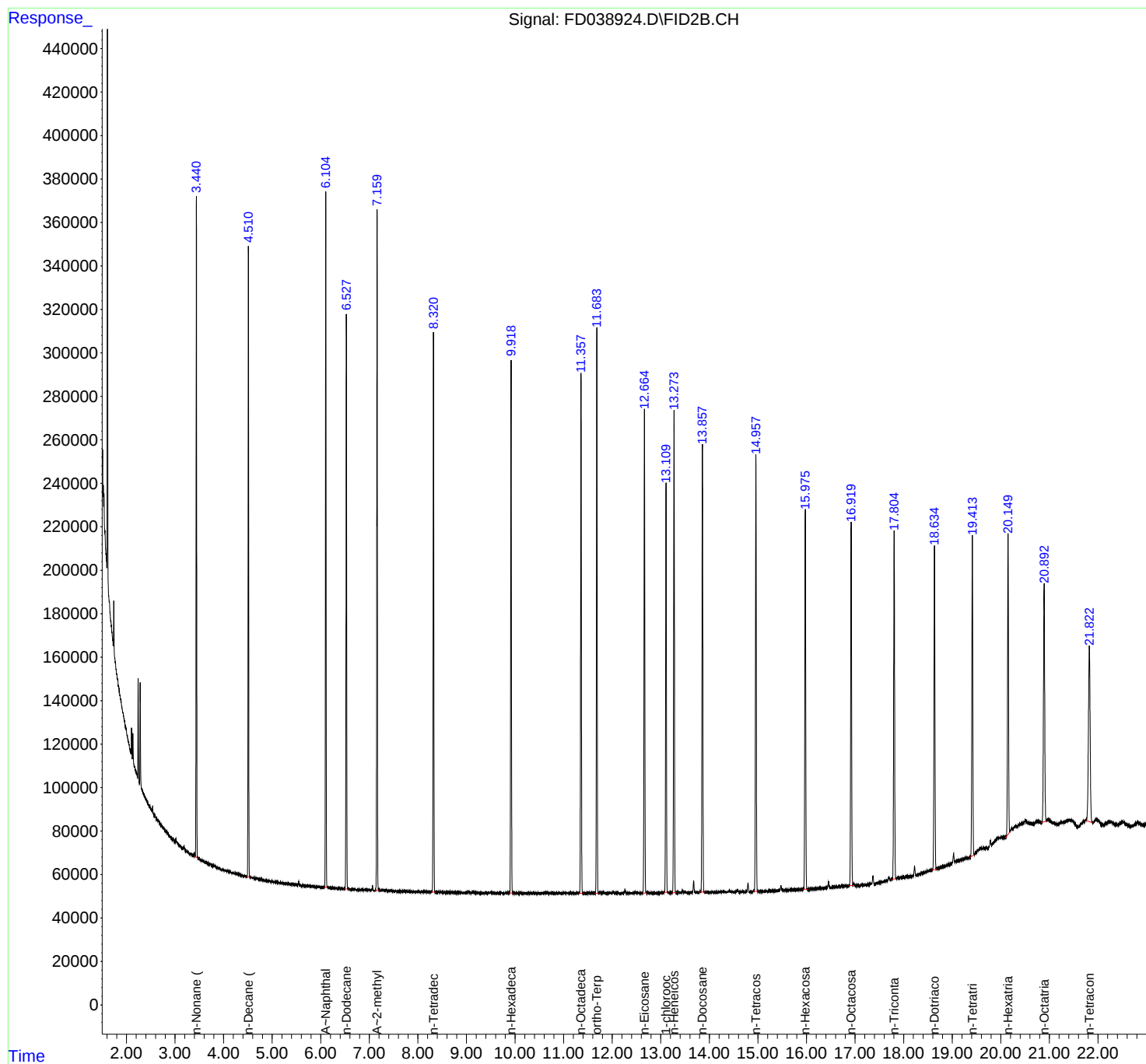
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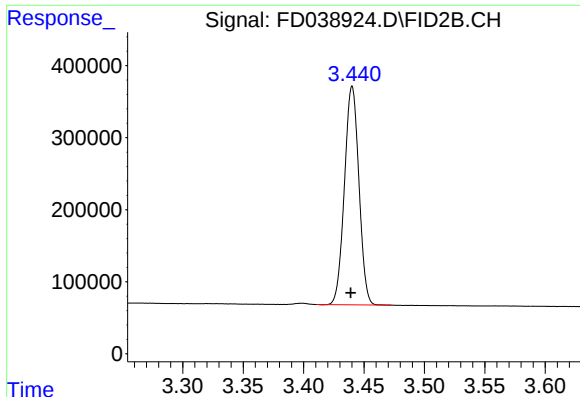
(m)=manual int.

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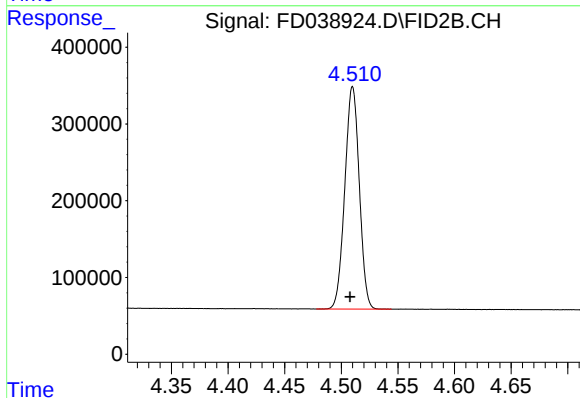
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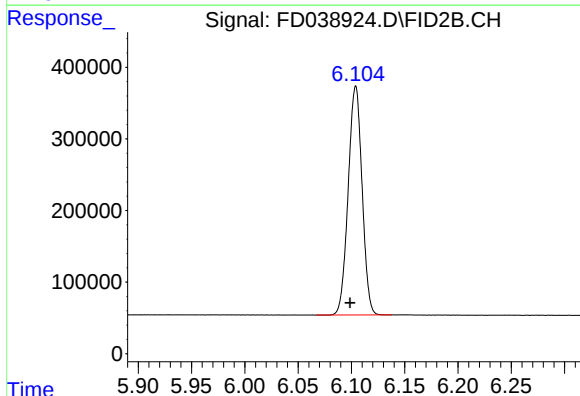
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: 0.001 min
Response: 2532891
Conc: 19.89 ug/ml



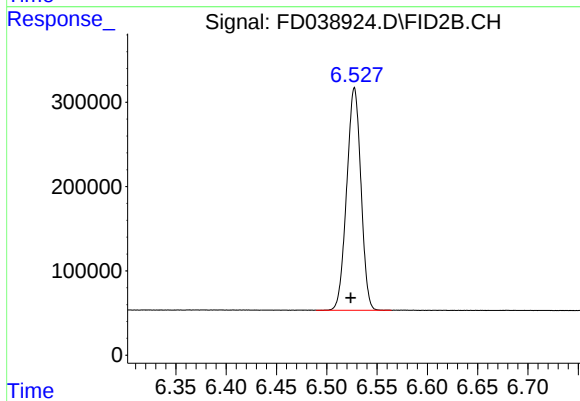
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 2577409
Conc: 19.90 ug/ml



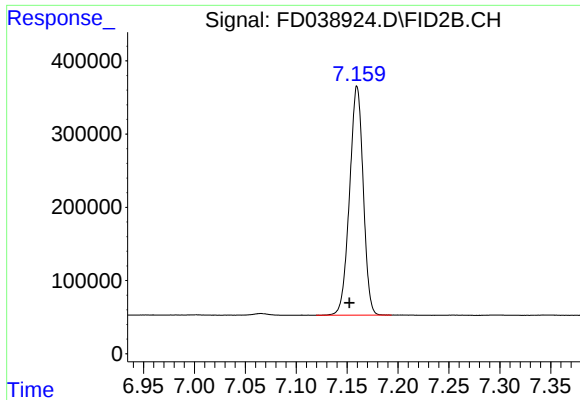
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.006 min
Response: 2898456
Conc: 19.90 ug/ml



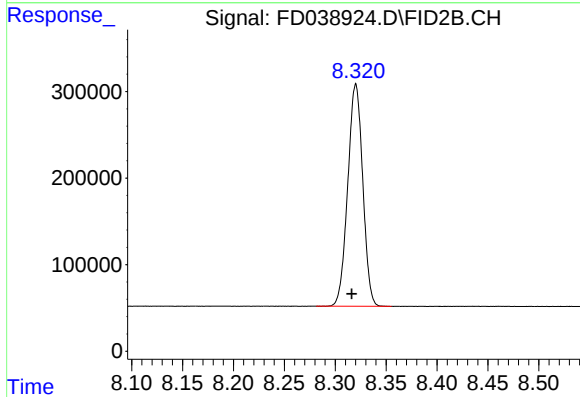
#4 n-Dodecane (C12)

R.T.: 6.528 min
Delta R.T.: 0.004 min
Response: 2601090
Conc: 19.80 ug/ml



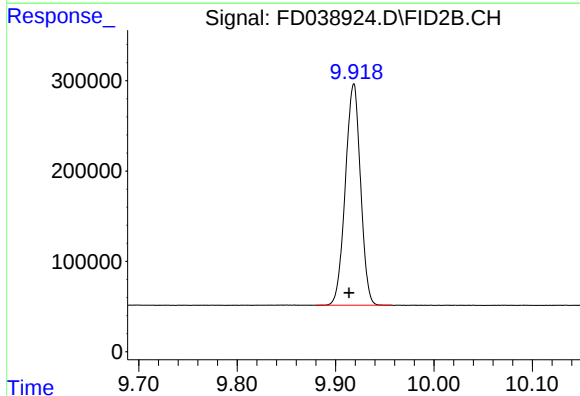
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.160 min
Delta R.T.: 0.007 min
Response: 2922816
Conc: 19.76 ug/ml



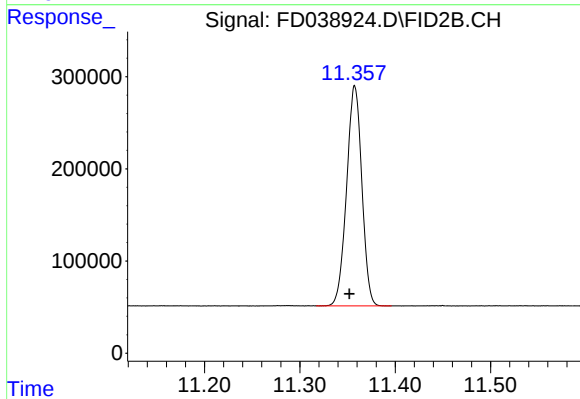
#6 n-Tetradecane (C14)

R.T.: 8.320 min
Delta R.T.: 0.004 min
Response: 2634540
Conc: 19.55 ug/ml



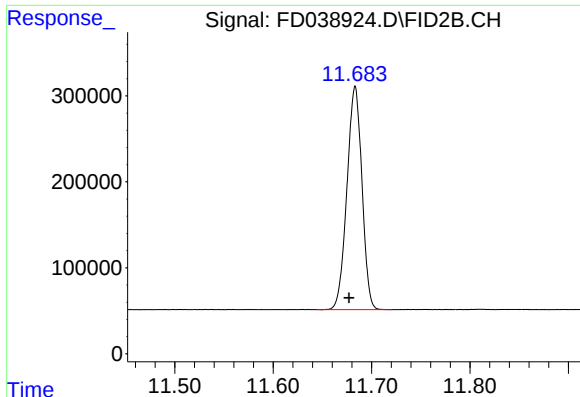
#7 n-Hexadecane (C16)

R.T.: 9.919 min
Delta R.T.: 0.005 min
Response: 2629036
Conc: 19.23 ug/ml



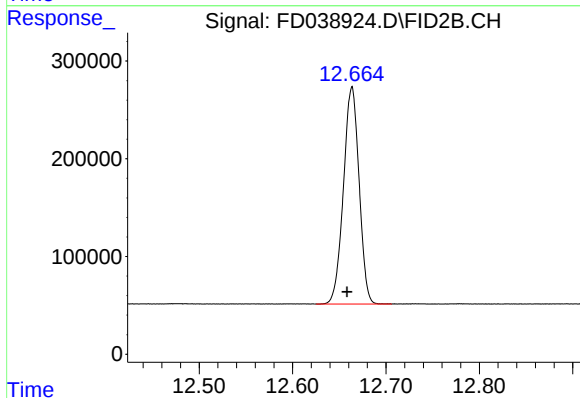
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.005 min
Response: 2660010
Conc: 19.03 ug/ml



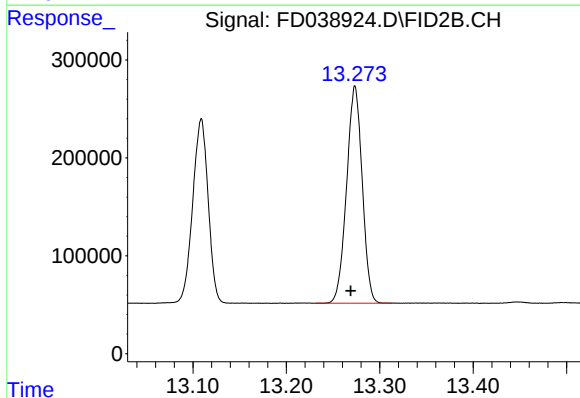
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.006 min
Response: 2756334
Conc: 18.75 ug/ml



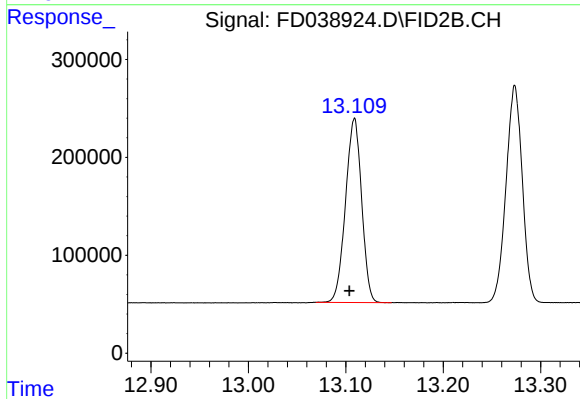
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.005 min
Response: 2588412
Conc: 18.77 ug/ml



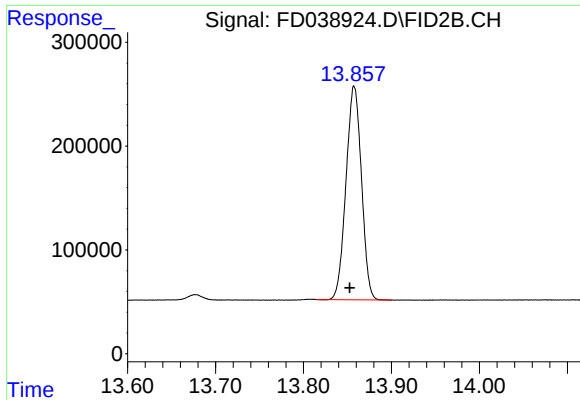
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: 0.004 min
Response: 2575797
Conc: 18.53 ug/ml



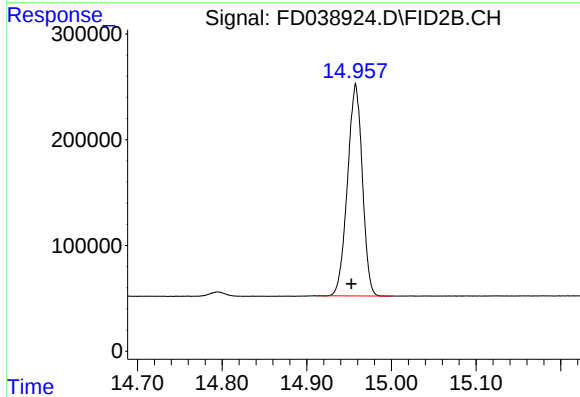
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: 0.005 min
Response: 2159267
Conc: 18.56 ug/ml



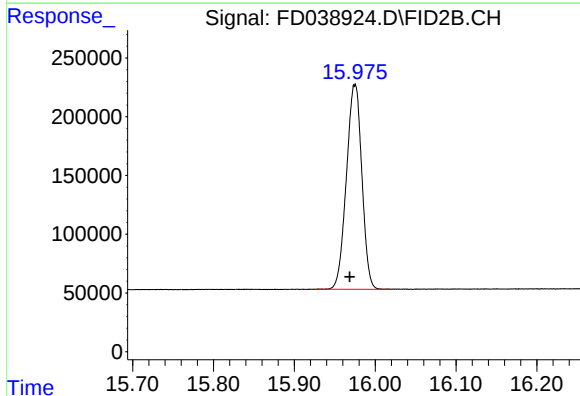
#13 n-Docosane (C22)

R.T.: 13.858 min
Delta R.T.: 0.005 min
Response: 2511964
Conc: 18.44 ug/ml



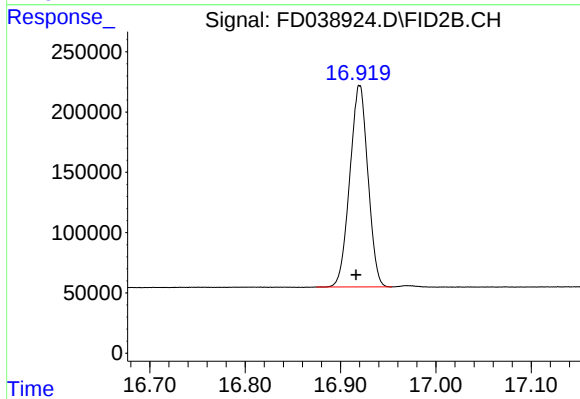
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.005 min
Response: 2446334
Conc: 18.31 ug/ml



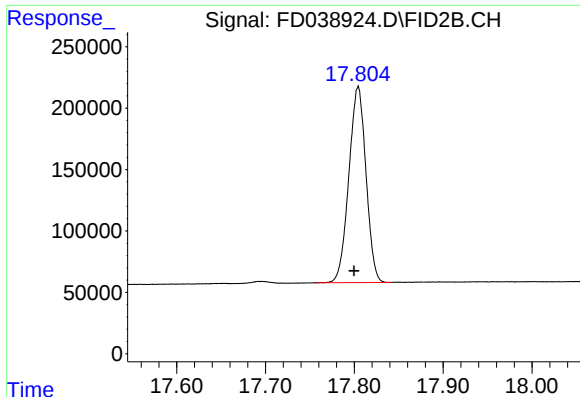
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.006 min
Response: 2312000
Conc: 18.23 ug/ml



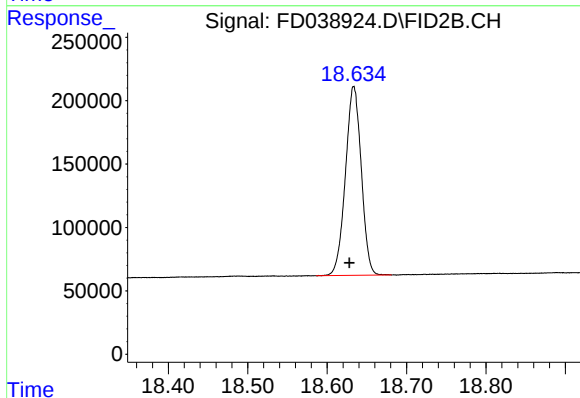
#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: 0.004 min
Response: 2208128
Conc: 18.26 ug/ml



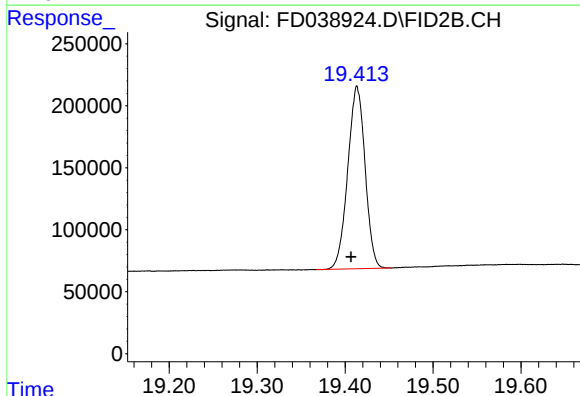
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: 0.004 min
Response: 2137604
Conc: 18.63 ug/ml



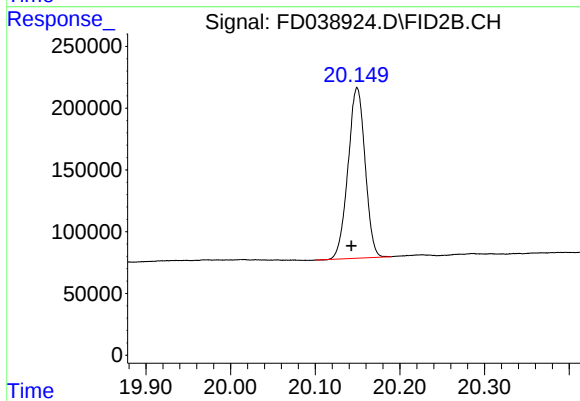
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.005 min
Response: 2062251
Conc: 19.07 ug/ml



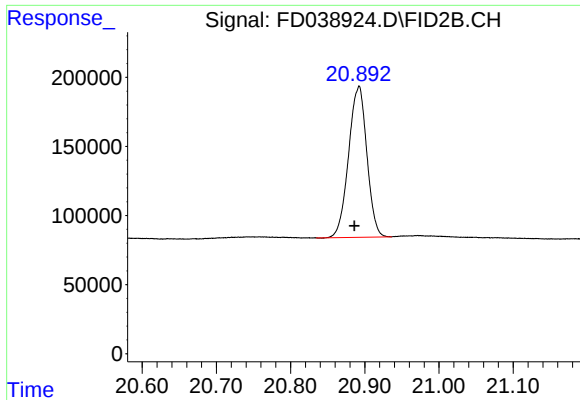
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: 0.007 min
Response: 2014888
Conc: 19.35 ug/ml



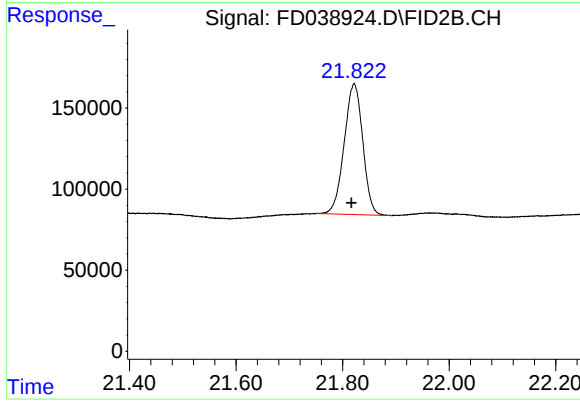
#20 n-Hexatriacontane (C36)

R.T.: 20.150 min
Delta R.T.: 0.007 min
Response: 1933323
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.892 min
Delta R.T.: 0.006 min
Response: 1868897
Conc: 19.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: 0.005 min
Response: 1951594
Conc: 20.61 ug/ml