

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121121AL\
 Data File : FD039799.D
 Signal(s) : FID2B.CH
 Acq On : 11 Dec 2021 7:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 12 03:25:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 11:55:55 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)	11.470	2879500	20.863 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
12) S 1-chlorooctadecane (S...	12.901	2265475	21.076 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
Target Compounds			
1) T n-Nonane (C9)	3.271	2482976	20.696 ug/ml
2) T n-Decane (C10)	4.332	2505570	20.781 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2700778	20.904 ug/ml
4) T n-Dodecane (C12)	6.339	2509482	20.838 ug/ml
5) T A~2-methylnaphthalene...	6.960	2730607	21.177 ug/ml
6) T n-Tetradecane (C14)	8.125	2534971	20.914 ug/ml
7) T n-Hexadecane (C16)	9.719	2564381	20.957 ug/ml
8) T n-Octadecane (C18)	11.154	2671063	20.919 ug/ml
10) T n-Eicosane (C20)	12.459	2688096	20.942 ug/ml
11) T n-Heneicosane (C21)	13.068	2738884	20.906 ug/ml
13) T n-Docosane (C22)	13.650	2738204	20.937 ug/ml
14) T n-Tetracosane (C24)	14.749	2788236	20.847 ug/ml
15) T n-Hexacosane (C26)	15.764	2759235	20.993 ug/ml
16) T n-Octacosane (C28)	16.709	2736781	21.111 ug/ml
17) T n-Tricontane (C30)	17.592	2647312	21.357 ug/ml
18) T n-Dotriacontane (C32)	18.420	2475655	21.571 ug/ml
19) T n-Tetratriacontane (C34)	19.200	2319097	21.756 ug/ml
20) T n-Hexatriacontane (C36)	19.935	2098260	21.431 ug/ml
21) T n-Octatriacontane (C38)	20.645	1942041	21.341 ug/ml
22) T n-Tetracontane (C40)	21.498	1872539	23.509 ug/ml

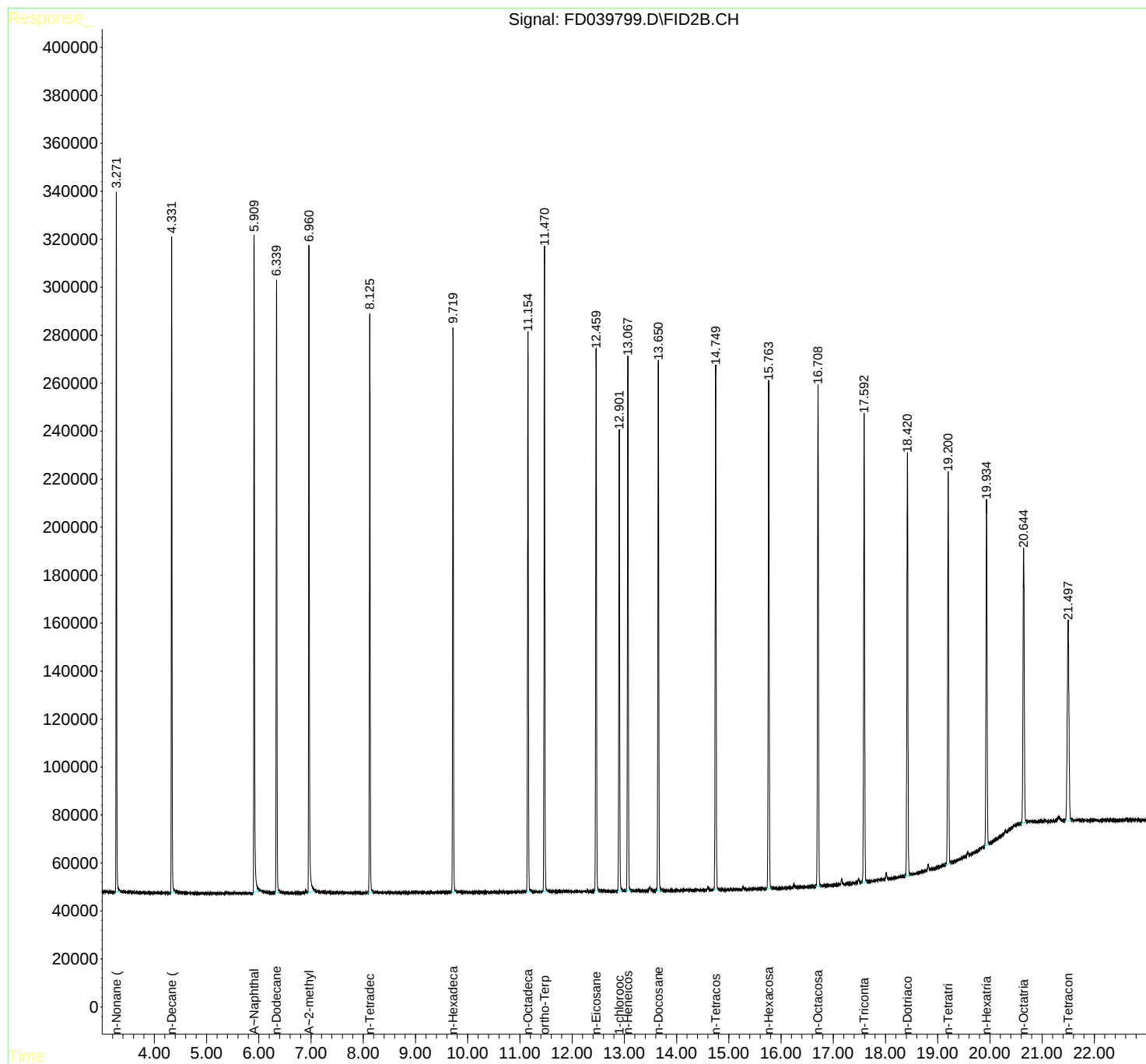
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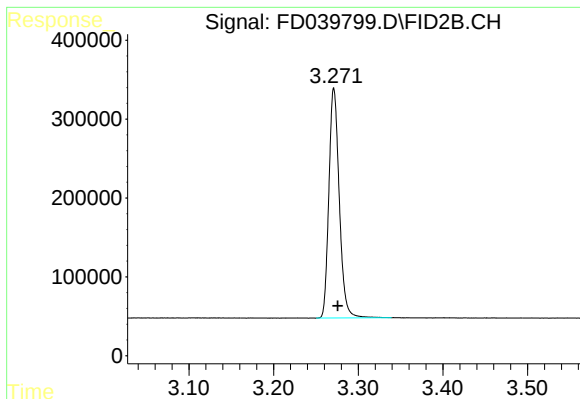
(m)=manual int.

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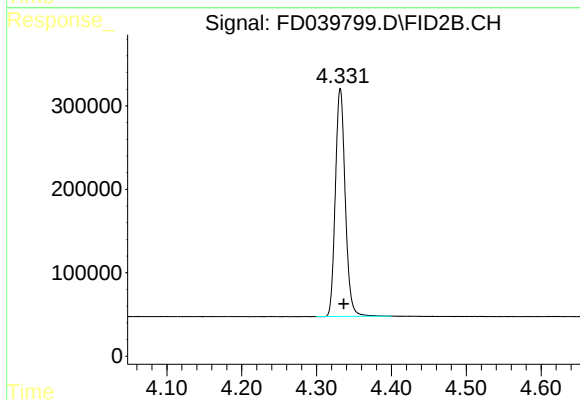
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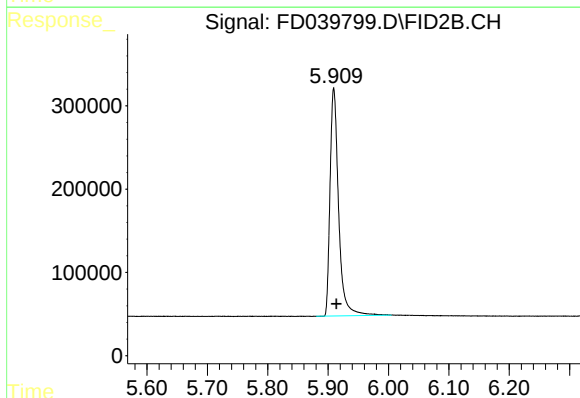
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.005 min
Response: 2482976
Conc: 20.70 ug/ml



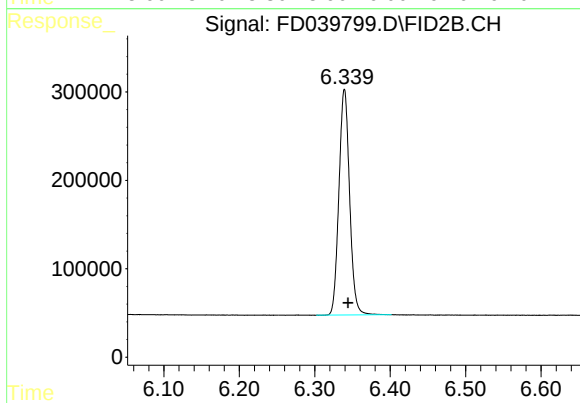
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.005 min
Response: 2505570
Conc: 20.78 ug/ml



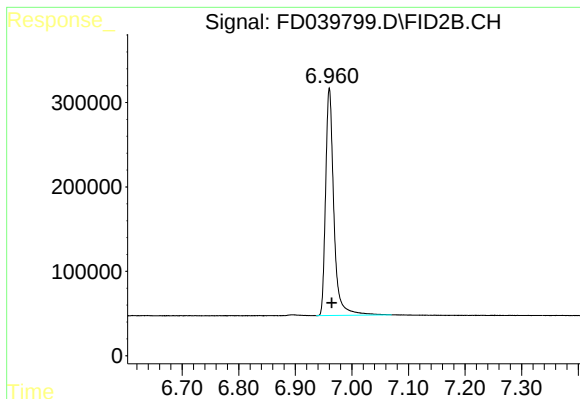
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 2700778
Conc: 20.90 ug/ml



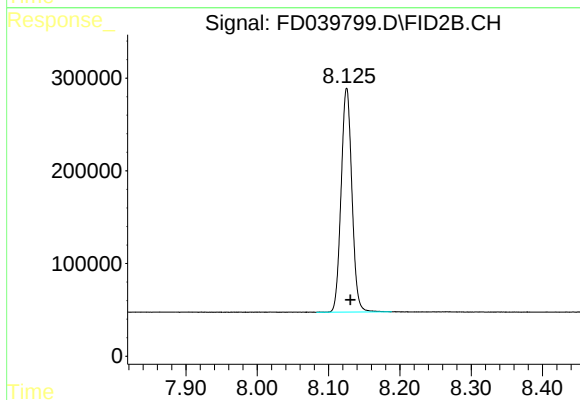
#4 n-Dodecane (C12)

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 2509482
Conc: 20.84 ug/ml



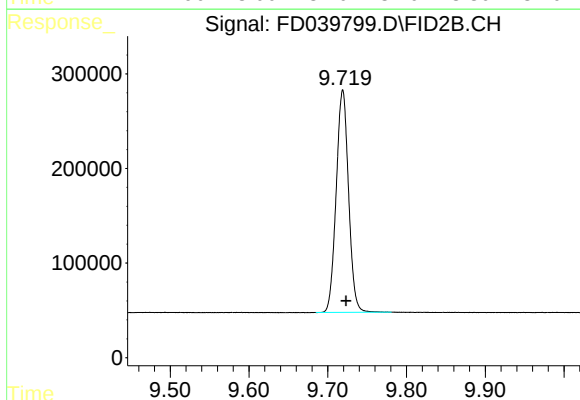
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 2730607
Conc: 21.18 ug/ml



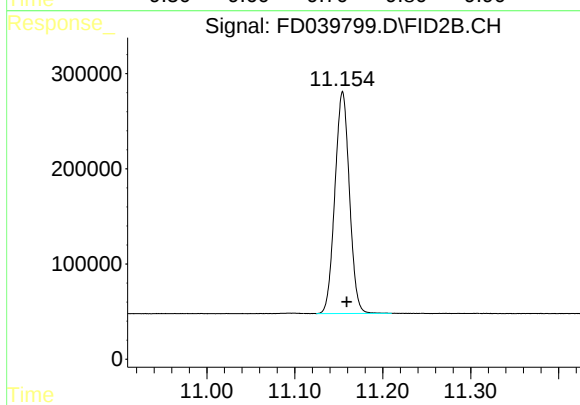
#6 n-Tetradecane (C14)

R.T.: 8.125 min
Delta R.T.: -0.005 min
Response: 2534971
Conc: 20.91 ug/ml



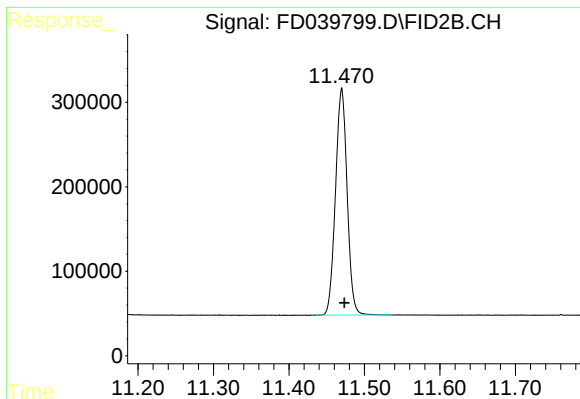
#7 n-Hexadecane (C16)

R.T.: 9.719 min
Delta R.T.: -0.004 min
Response: 2564381
Conc: 20.96 ug/ml



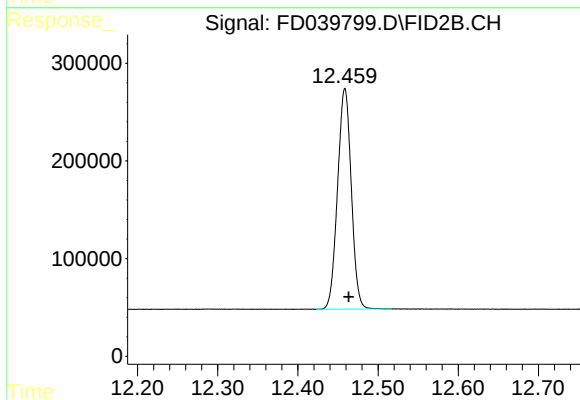
#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.005 min
Response: 2671063
Conc: 20.92 ug/ml



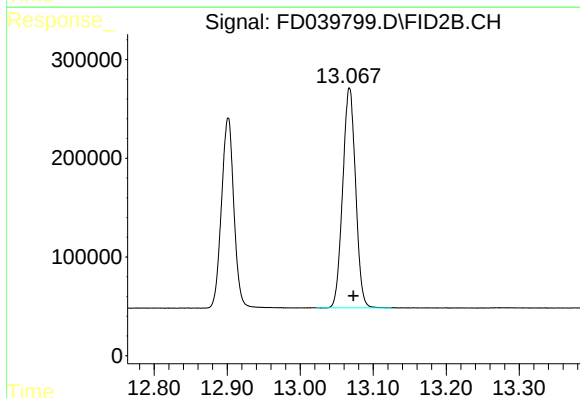
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.004 min
Response: 2879500
Conc: 20.86 ug/ml



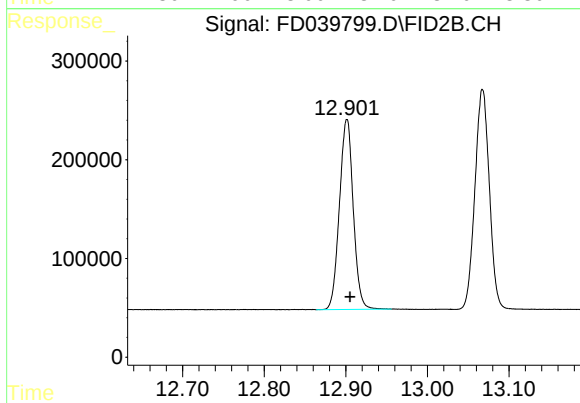
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.004 min
Response: 2688096
Conc: 20.94 ug/ml



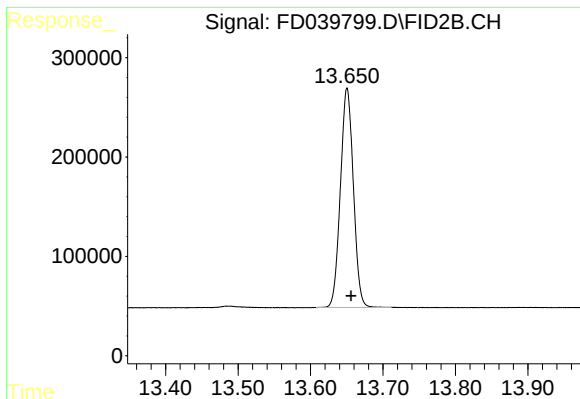
#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 2738884
Conc: 20.91 ug/ml



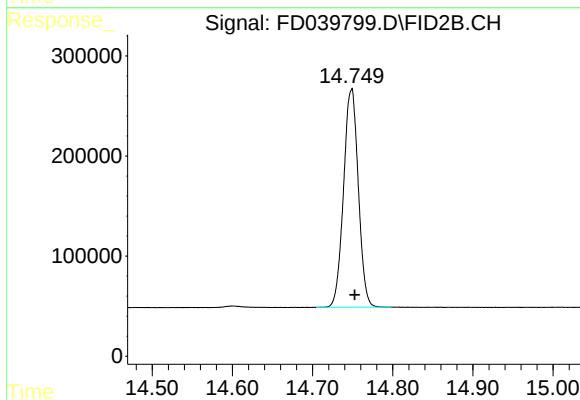
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.004 min
Response: 2265475
Conc: 21.08 ug/ml



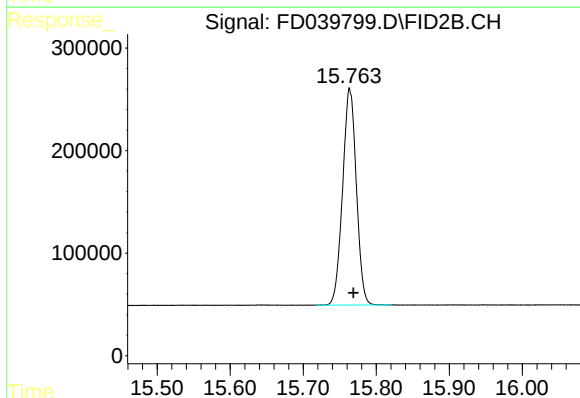
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: -0.006 min
Response: 2738204
Conc: 20.94 ug/ml



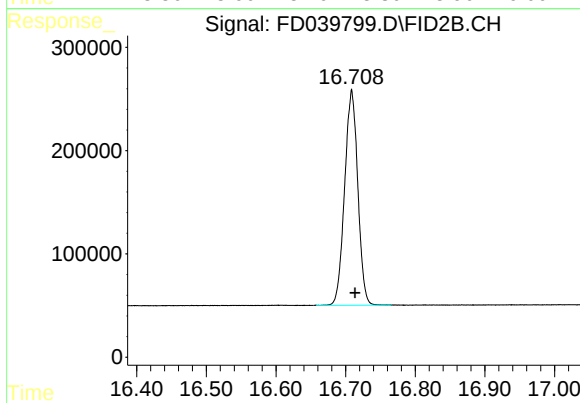
#14 n-Tetracosane (C24)

R.T.: 14.749 min
Delta R.T.: -0.004 min
Response: 2788236
Conc: 20.85 ug/ml



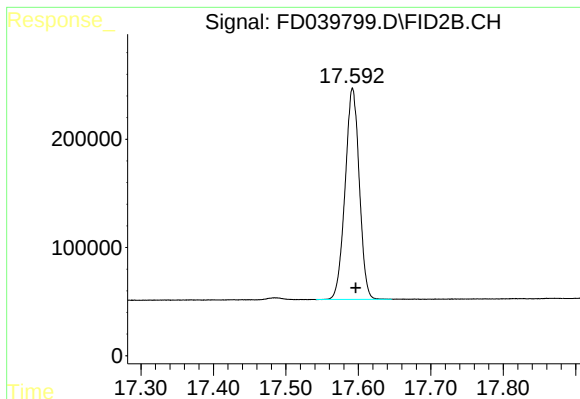
#15 n-Hexacosane (C26)

R.T.: 15.764 min
Delta R.T.: -0.005 min
Response: 2759235
Conc: 20.99 ug/ml



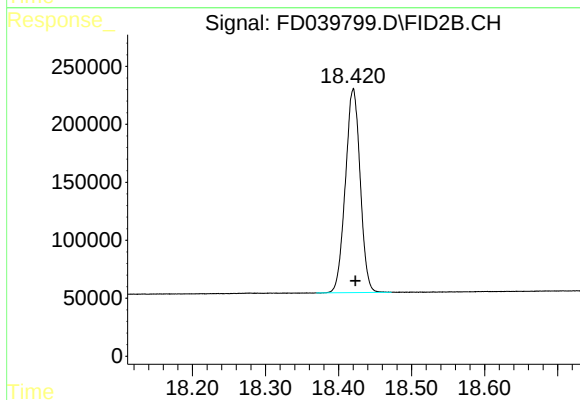
#16 n-Octacosane (C28)

R.T.: 16.709 min
Delta R.T.: -0.005 min
Response: 2736781
Conc: 21.11 ug/ml



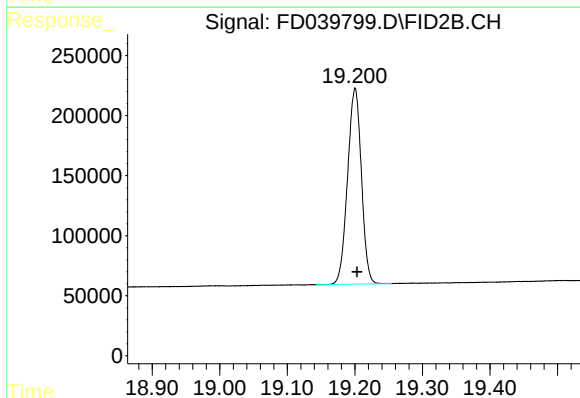
#17 n-Tricontane (C30)

R.T.: 17.592 min
Delta R.T.: -0.004 min
Response: 2647312
Conc: 21.36 ug/ml



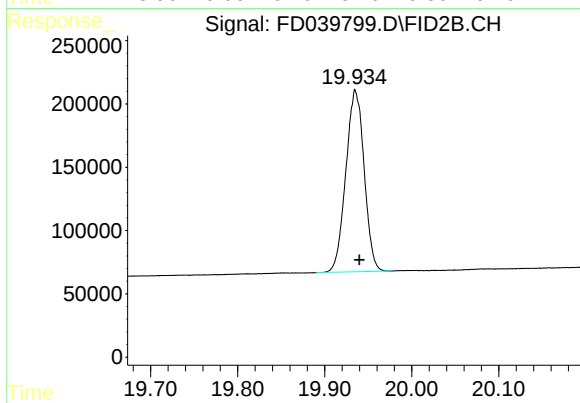
#18 n-Dotriacontane (C32)

R.T.: 18.420 min
Delta R.T.: -0.003 min
Response: 2475655
Conc: 21.57 ug/ml



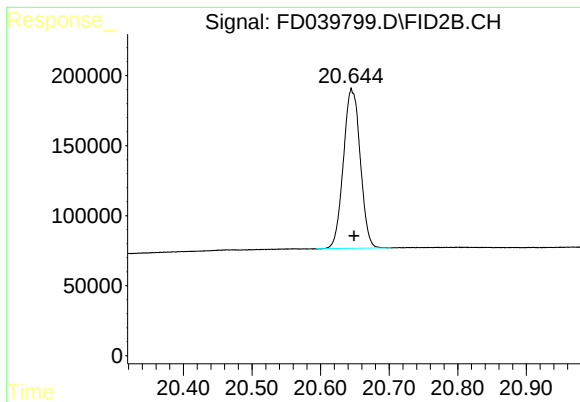
#19 n-Tetratriacontane (C34)

R.T.: 19.200 min
Delta R.T.: -0.003 min
Response: 2319097
Conc: 21.76 ug/ml



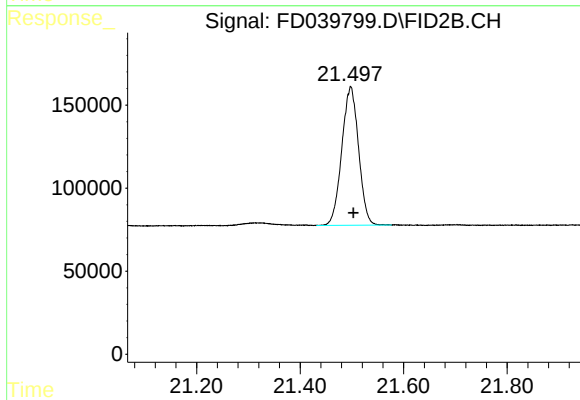
#20 n-Hexatriacontane (C36)

R.T.: 19.935 min
Delta R.T.: -0.005 min
Response: 2098260
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.645 min
Delta R.T.: -0.004 min
Response: 1942041
Conc: 21.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.498 min
Delta R.T.: -0.005 min
Response: 1872539
Conc: 23.51 ug/ml