

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110821AL\
 Data File : FD039394.D
 Signal(s) : FID2B.CH
 Acq On : 09 Nov 2021 3:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 09 03:49:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.662	2487897	19.499 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.088	1929038	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.425	2301593	19.795 ug/ml
2) T n-Decane (C10)	4.494	2322061	19.862 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2557971	19.848 ug/ml
4) T n-Dodecane (C12)	6.510	2320799	19.614 ug/ml
5) T A~2-methylnaphthalene...	7.140	2549141	19.410 ug/ml
6) T n-Tetradecane (C14)	8.301	2319053	19.675 ug/ml
7) T n-Hexadecane (C16)	9.899	2299808	19.192 ug/ml
8) T n-Octadecane (C18)	11.338	2337942	19.103 ug/ml
10) T n-Eicosane (C20)	12.644	2309799	18.729 ug/ml
11) T n-Heneicosane (C21)	13.254	2300956	18.374 ug/ml
13) T n-Docosane (C22)	13.838	2286634	18.410 ug/ml
14) T n-Tetracosane (C24)	14.938	2297033	18.504 ug/ml
15) T n-Hexacosane (C26)	15.955	2212105	18.007 ug/ml
16) T n-Octacosane (C28)	16.901	2168477	18.626 ug/ml
17) T n-Tricontane (C30)	17.785	2121701	18.012 ug/ml
18) T n-Dotriacontane (C32)	18.614	2063022	18.044 ug/ml
19) T n-Tetratriacontane (C34)	19.394	2029170	19.144 ug/ml
20) T n-Hexatriacontane (C36)	20.131	1969979	19.338 ug/ml
21) T n-Octatriacontane (C38)	20.870	1911975	19.924 ug/ml
22) T n-Tetracontane (C40)	21.790	1916389	20.773 ug/ml

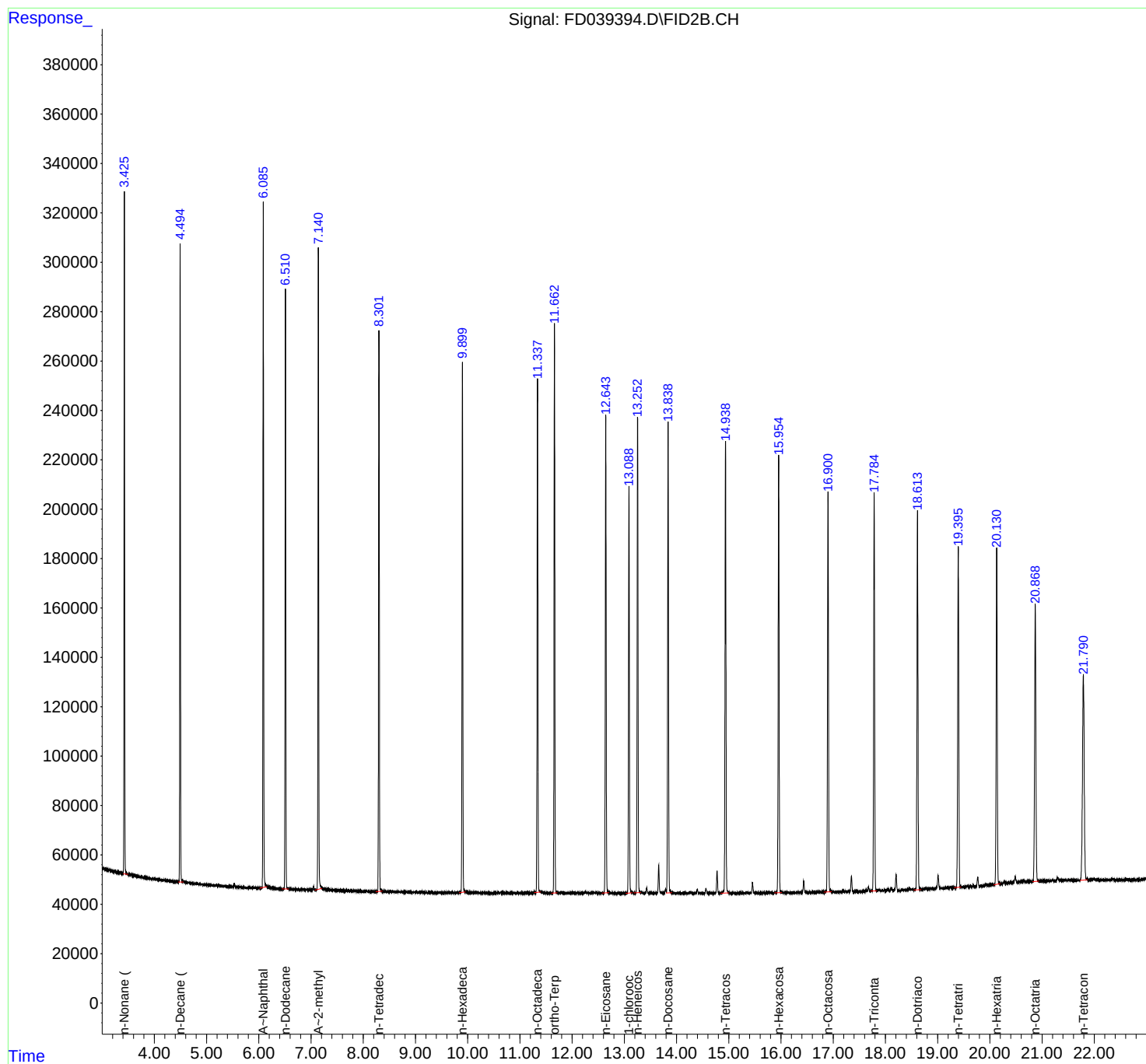
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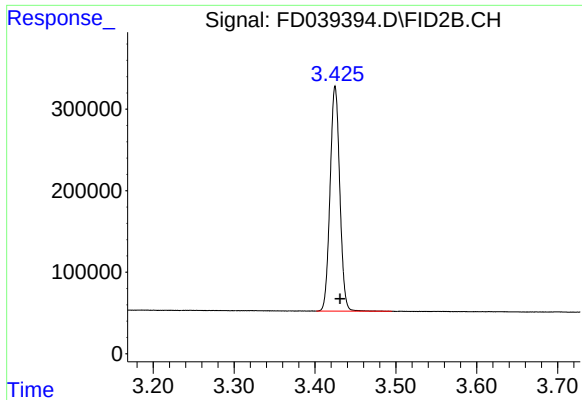
(m)=manual int.

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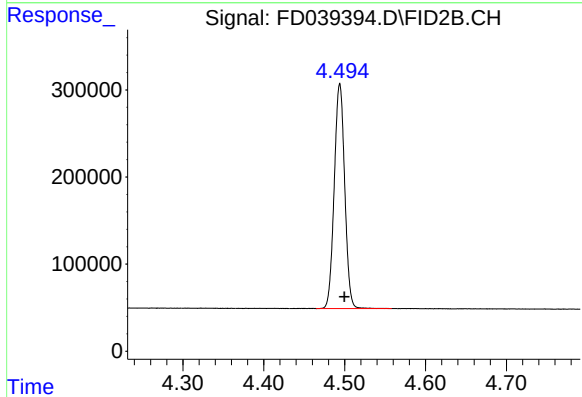
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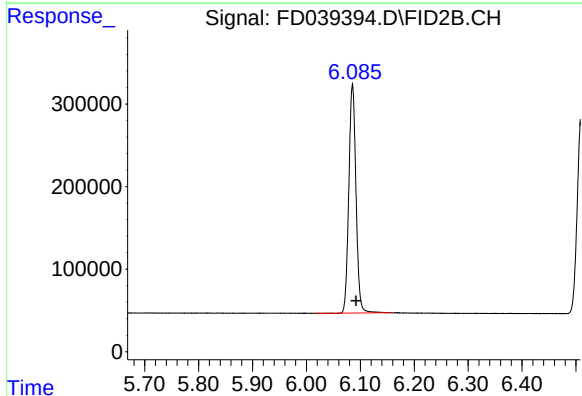
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: -0.006 min
Response: 2301593
Conc: 19.79 ug/ml



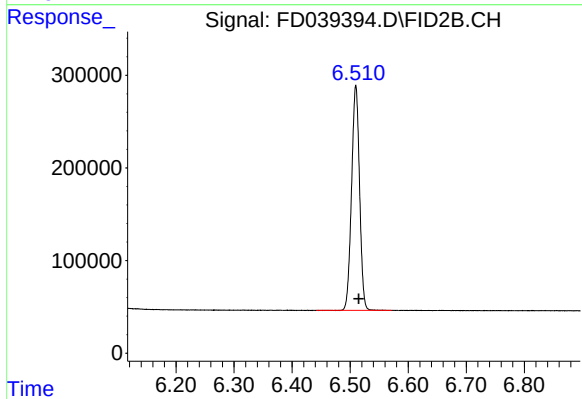
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.006 min
Response: 2322061
Conc: 19.86 ug/ml



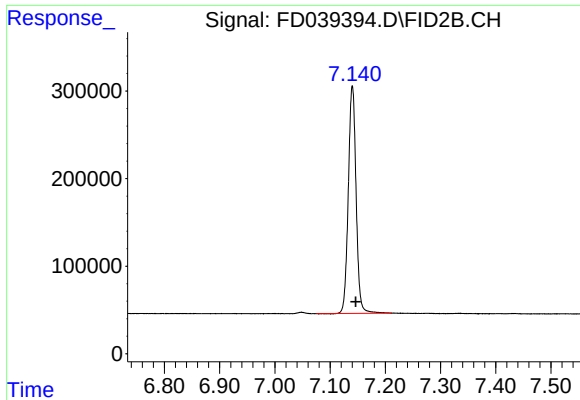
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 2557971
Conc: 19.85 ug/ml



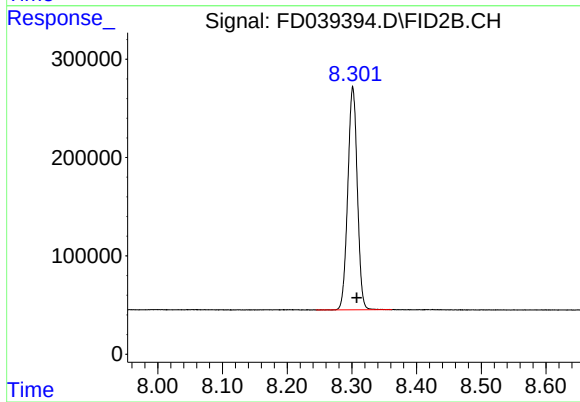
#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 2320799
Conc: 19.61 ug/ml



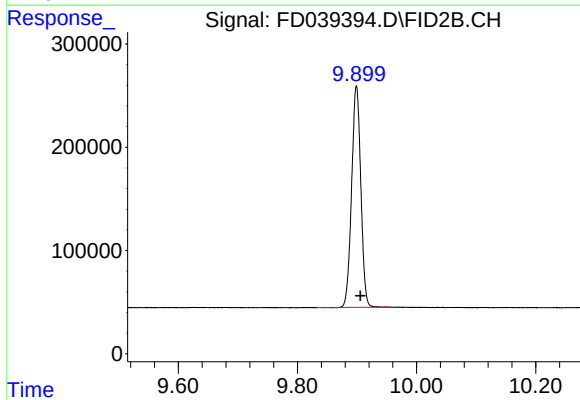
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.006 min
Response: 2549141
Conc: 19.41 ug/ml



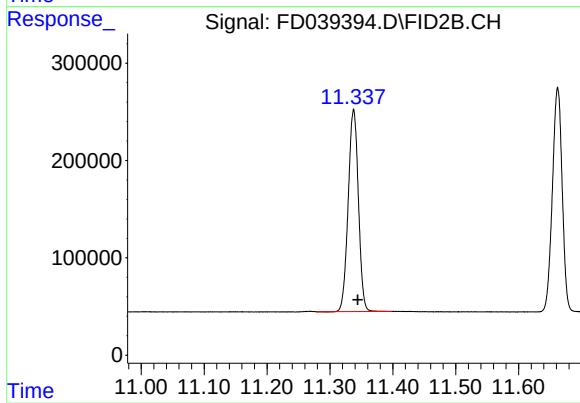
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.006 min
Response: 2319053
Conc: 19.68 ug/ml



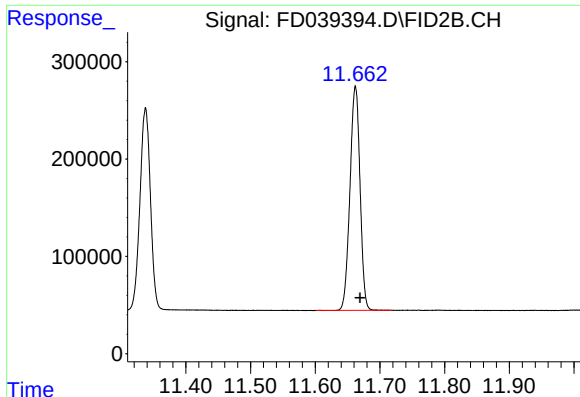
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.006 min
Response: 2299808
Conc: 19.19 ug/ml



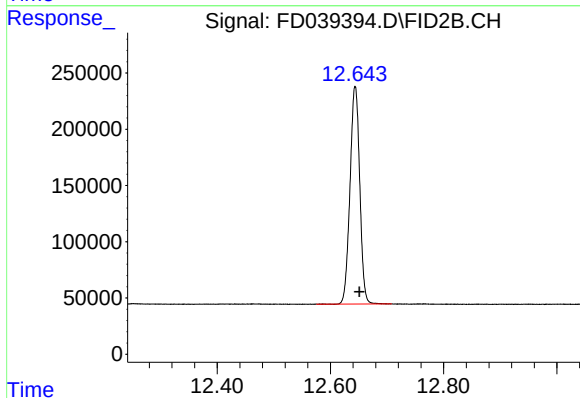
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.007 min
Response: 2337942
Conc: 19.10 ug/ml



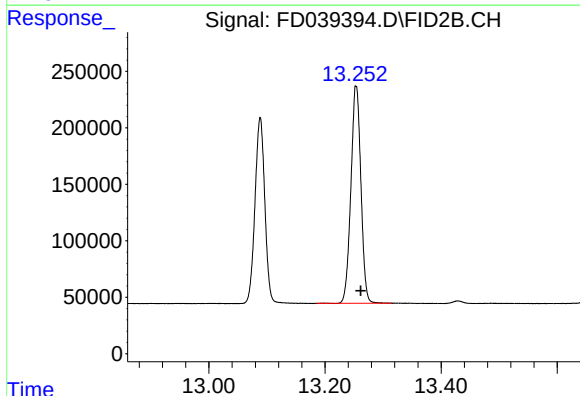
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.007 min
Response: 2487897
Conc: 19.50 ug/ml



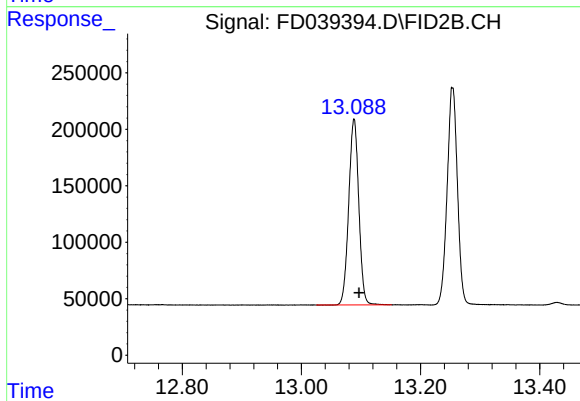
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 2309799
Conc: 18.73 ug/ml



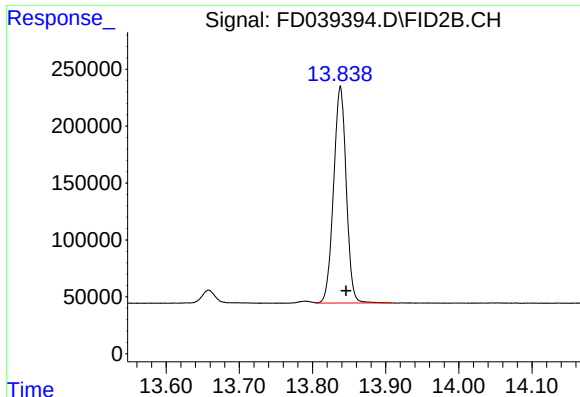
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.008 min
Response: 2300956
Conc: 18.37 ug/ml



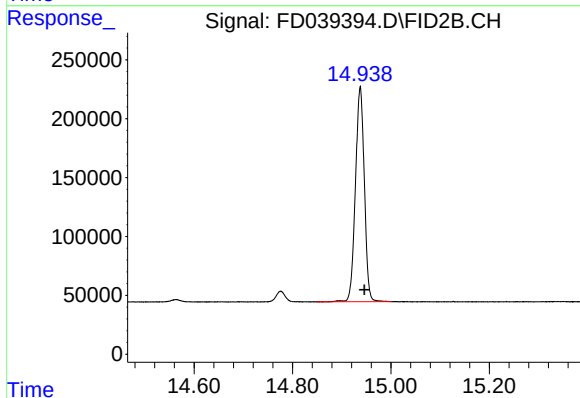
#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.008 min
Response: 1929038
Conc: 18.56 ug/ml



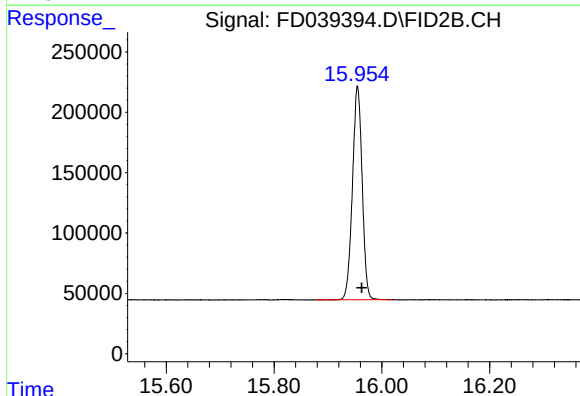
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: -0.008 min
Response: 2286634
Conc: 18.41 ug/ml



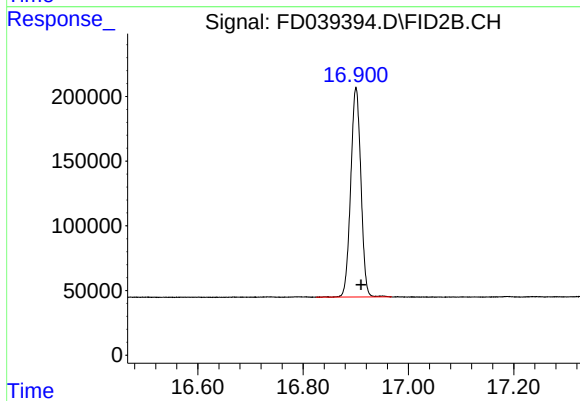
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.008 min
Response: 2297033
Conc: 18.50 ug/ml



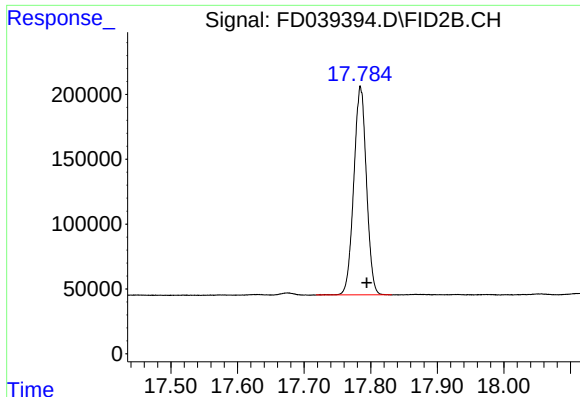
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.008 min
Response: 2212105
Conc: 18.01 ug/ml



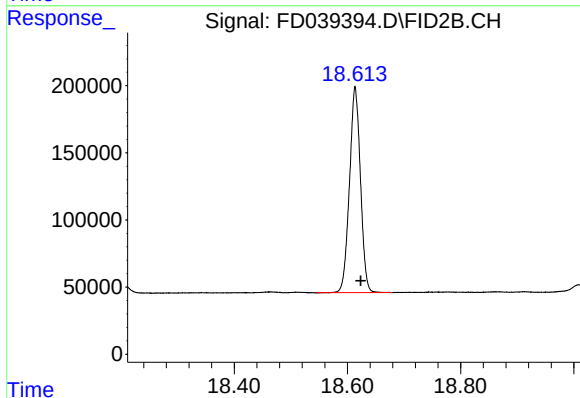
#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.009 min
Response: 2168477
Conc: 18.63 ug/ml



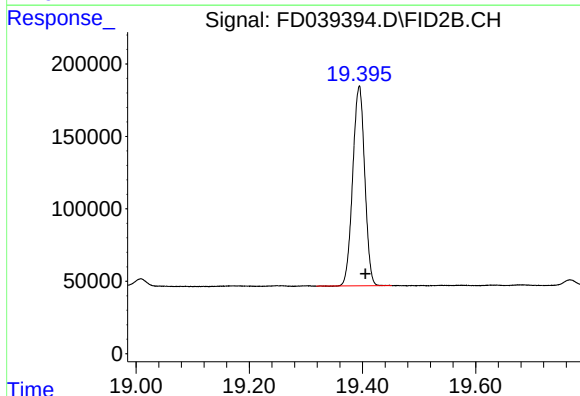
#17 n-Tricontane (C30)

R.T.: 17.785 min
Delta R.T.: -0.009 min
Response: 2121701
Conc: 18.01 ug/ml



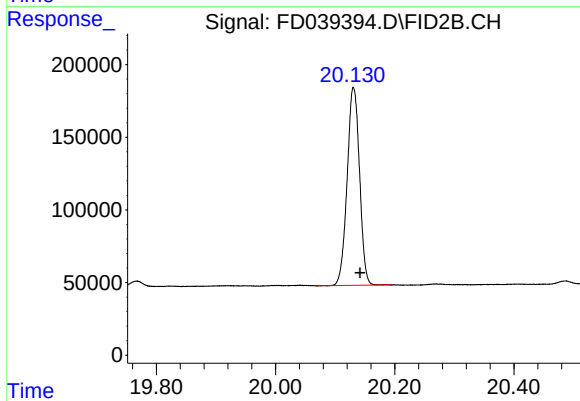
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.009 min
Response: 2063022
Conc: 18.04 ug/ml



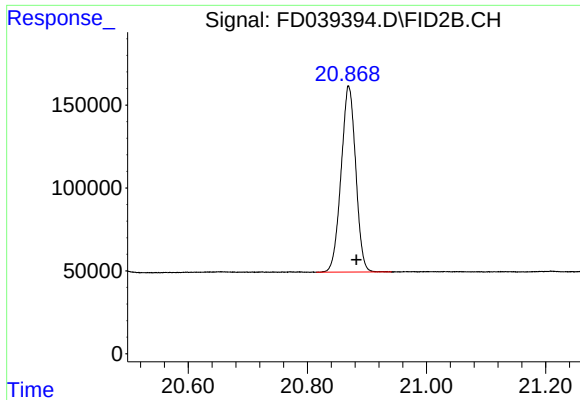
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: -0.011 min
Response: 2029170
Conc: 19.14 ug/ml



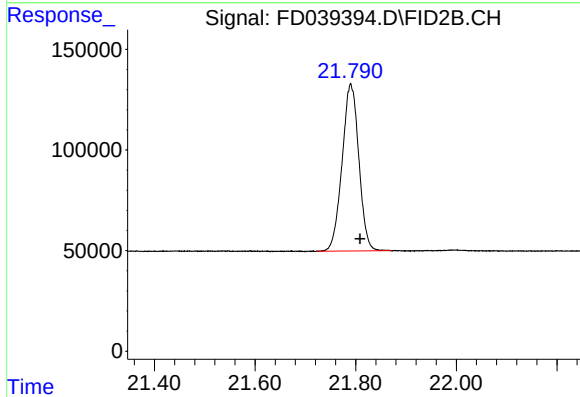
#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: -0.011 min
Response: 1969979
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.013 min
Response: 1911975
Conc: 19.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.018 min
Response: 1916389
Conc: 20.77 ug/ml