

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AL\
 Data File : FD039125.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2021 19:01
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:27:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.672	2495193	17.580 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
12) S 1-chlorooctadecane (S...	13.098	1947226	17.317 ug/ml
Spiked Amount 50.000		Recovery =	34.63%
Target Compounds			
1) T n-Nonane (C9)	3.435	2379599	18.865 ug/ml
2) T n-Decane (C10)	4.503	2404414	18.839 ug/ml
3) T A~Naphthalene (C11.7)	6.095	2649353	18.605 ug/ml
4) T n-Dodecane (C12)	6.519	2403879	18.770 ug/ml
5) T A~2-methylnaphthalene...	7.149	2644002	18.469 ug/ml
6) T n-Tetradecane (C14)	8.311	2406373	18.545 ug/ml
7) T n-Hexadecane (C16)	9.909	2384612	18.284 ug/ml
8) T n-Octadecane (C18)	11.347	2404865	17.981 ug/ml
10) T n-Eicosane (C20)	12.653	2336893	17.620 ug/ml
11) T n-Heneicosane (C21)	13.263	2330975	17.408 ug/ml
13) T n-Docosane (C22)	13.848	2282111	17.204 ug/ml
14) T n-Tetracosane (C24)	14.947	2225066	16.793 ug/ml
15) T n-Hexacosane (C26)	15.964	2126650	16.522 ug/ml
16) T n-Octacosane (C28)	16.910	2054316	16.292 ug/ml
17) T n-Tricontane (C30)	17.794	1998405	16.384 ug/ml
18) T n-Dotriacontane (C32)	18.623	1934051	16.682 ug/ml
19) T n-Tetratriacontane (C34)	19.403	1929343	17.873 ug/ml
20) T n-Hexatriacontane (C36)	20.138	1885063	19.265 ug/ml
21) T n-Octatriacontane (C38)	20.880	1848174	20.587 ug/ml
22) T n-Tetracontane (C40)	21.805	1930723	21.917 ug/ml

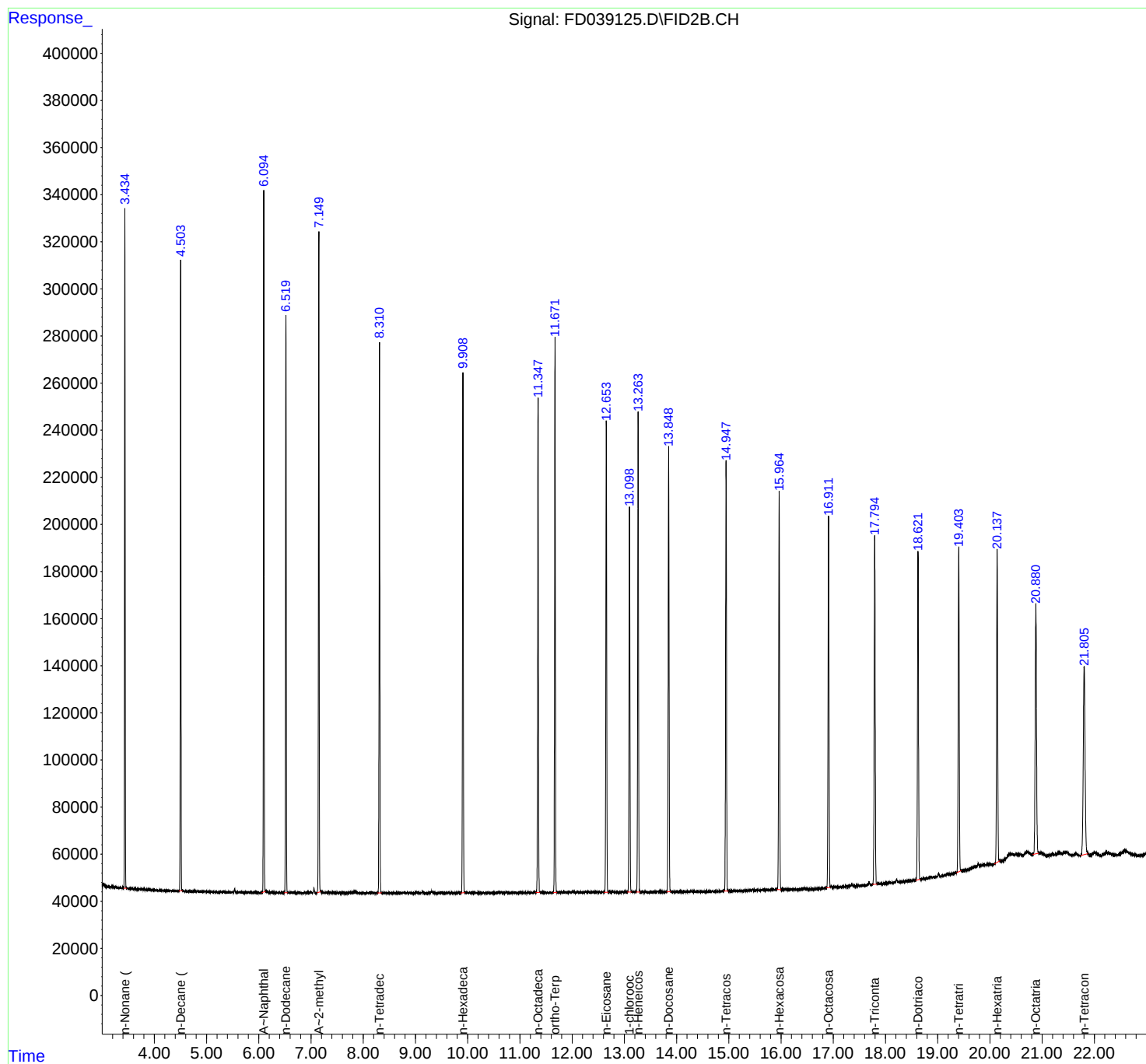
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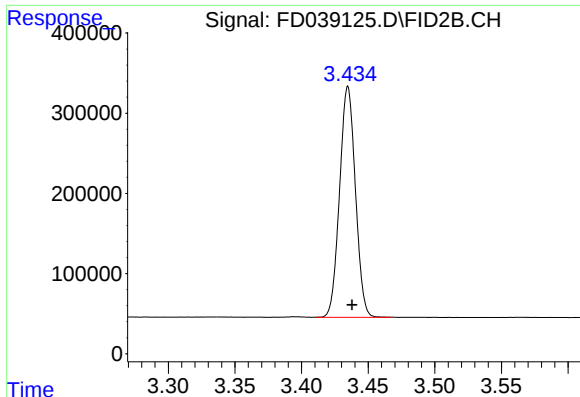
(m)=manual int.

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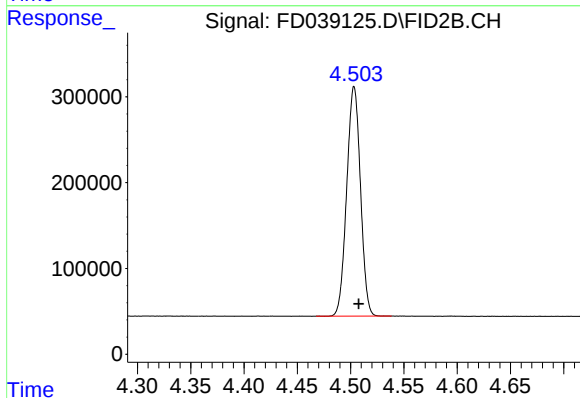
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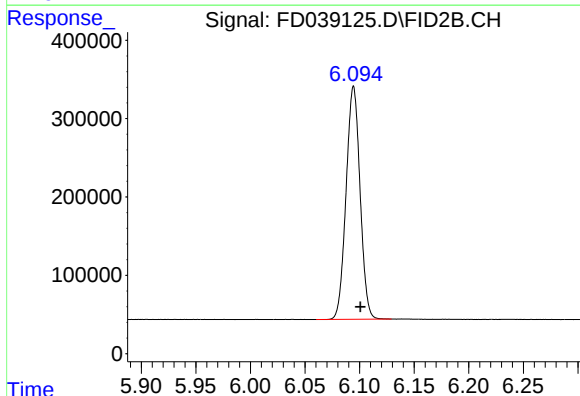
#1 n-Nonane (C9)

R.T.: 3.435 min
Delta R.T.: -0.003 min
Response: 2379599
Conc: 18.86 ug/ml



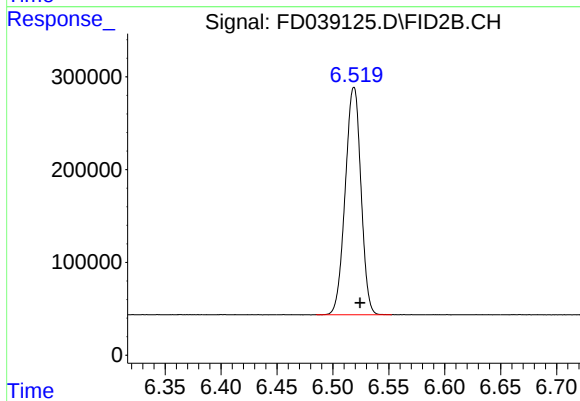
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.004 min
Response: 2404414
Conc: 18.84 ug/ml



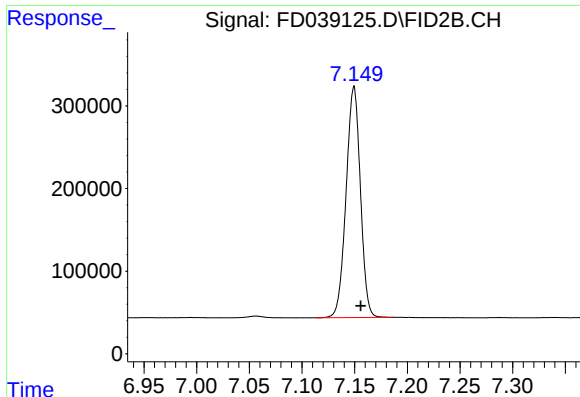
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 2649353
Conc: 18.61 ug/ml



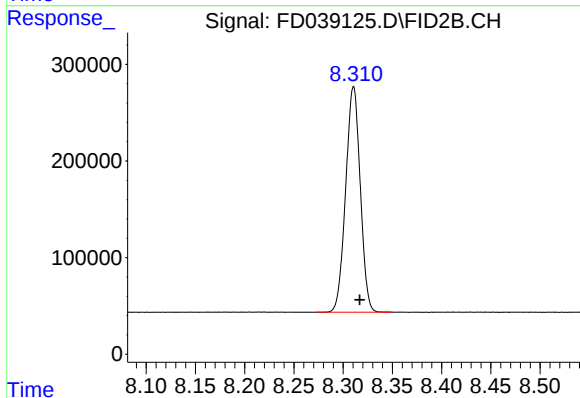
#4 n-Dodecane (C12)

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 2403879
Conc: 18.77 ug/ml



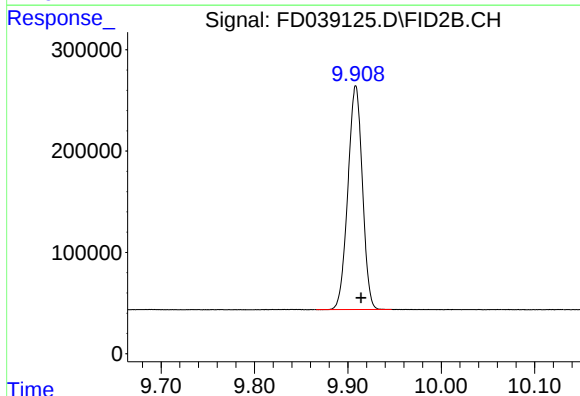
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: -0.006 min
Response: 2644002
Conc: 18.47 ug/ml



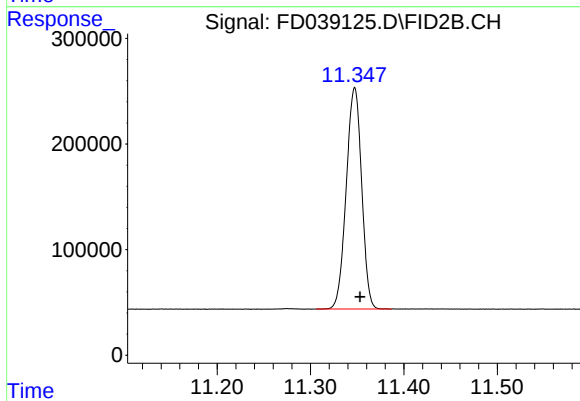
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.006 min
Response: 2406373
Conc: 18.54 ug/ml



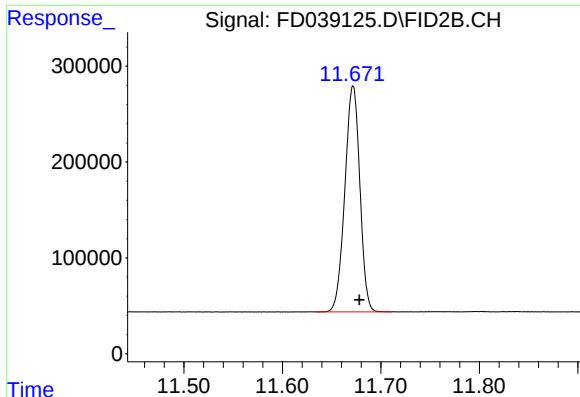
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2384612
Conc: 18.28 ug/ml



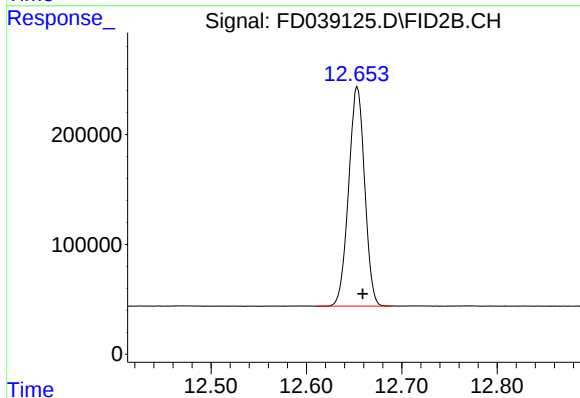
#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: -0.006 min
Response: 2404865
Conc: 17.98 ug/ml



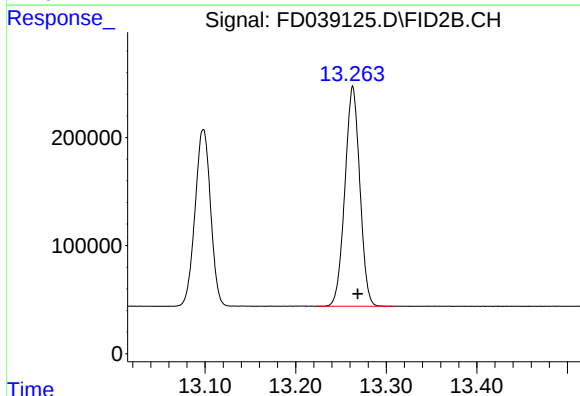
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.006 min
Response: 2495193
Conc: 17.58 ug/ml



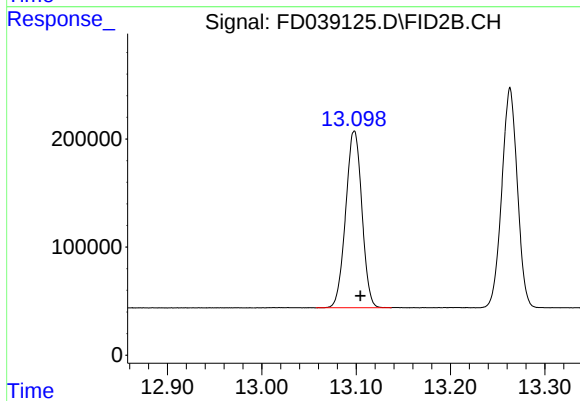
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.006 min
Response: 2336893
Conc: 17.62 ug/ml



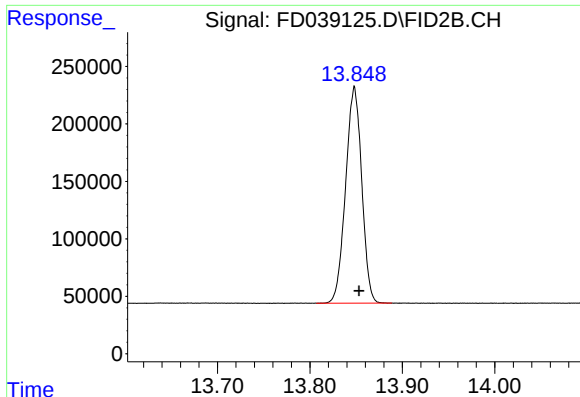
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.006 min
Response: 2330975
Conc: 17.41 ug/ml



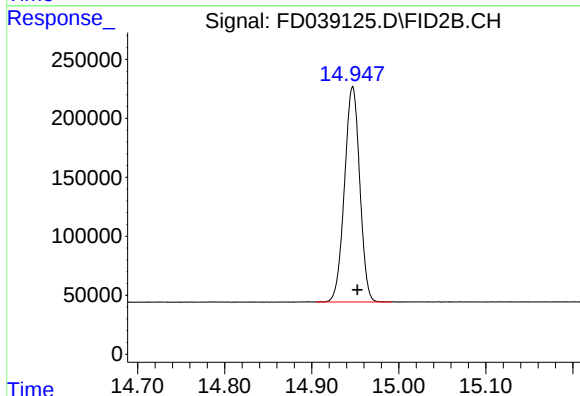
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: -0.006 min
Response: 1947226
Conc: 17.32 ug/ml



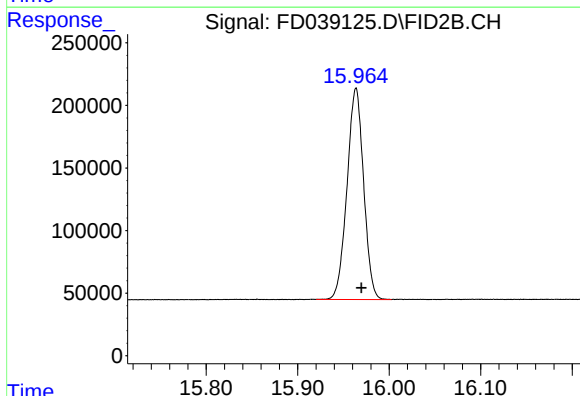
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: -0.005 min
Response: 2282111
Conc: 17.20 ug/ml



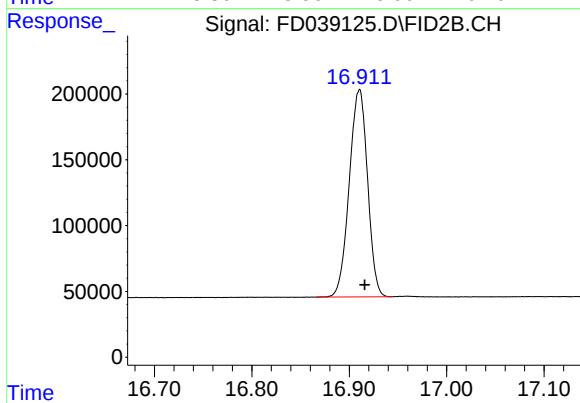
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.005 min
Response: 2225066
Conc: 16.79 ug/ml



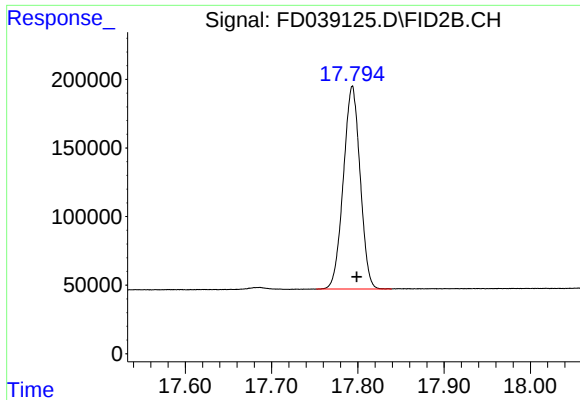
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.006 min
Response: 2126650
Conc: 16.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.005 min
Response: 2054316
Conc: 16.29 ug/ml



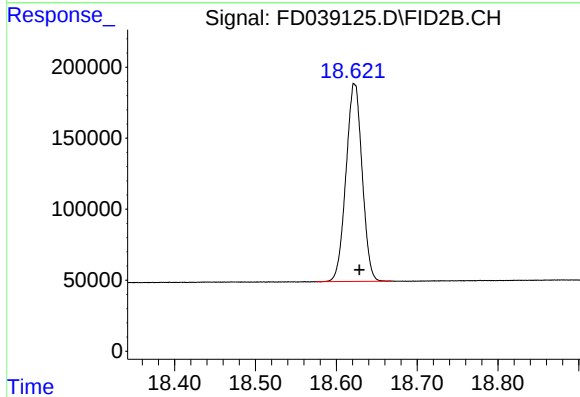
#17 n-Tricontane (C30)

R.T.: 17.794 min

Delta R.T.: -0.005 min

Response: 1998405

Conc: 16.38 ug/ml



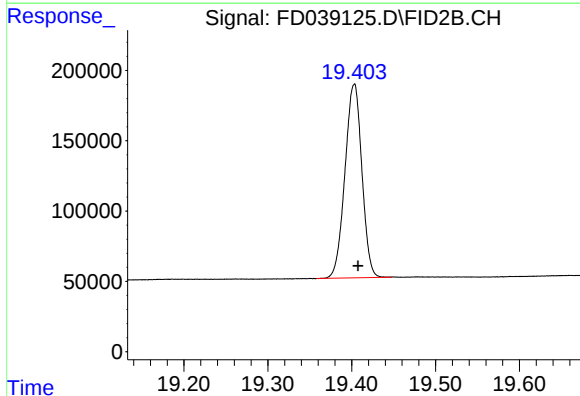
#18 n-Dotriacontane (C32)

R.T.: 18.623 min

Delta R.T.: -0.006 min

Response: 1934051

Conc: 16.68 ug/ml



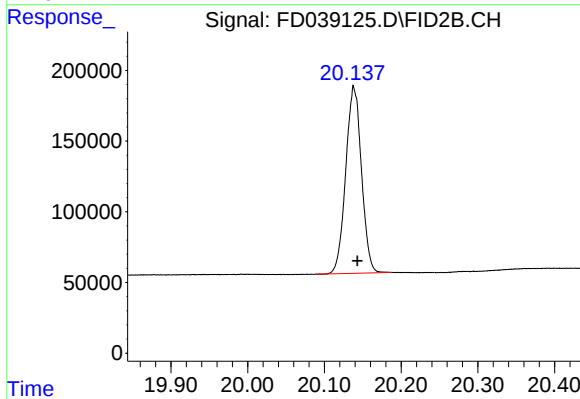
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min

Delta R.T.: -0.005 min

Response: 1929343

Conc: 17.87 ug/ml



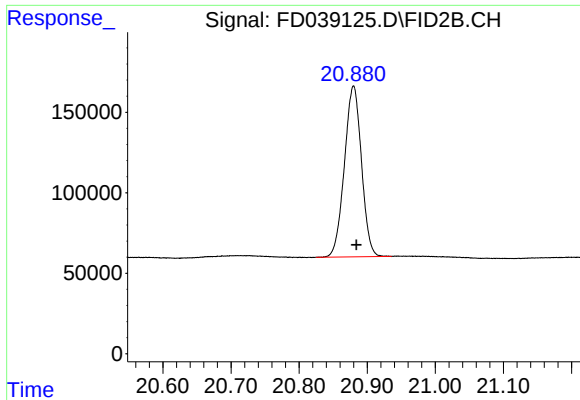
#20 n-Hexatriacontane (C36)

R.T.: 20.138 min

Delta R.T.: -0.005 min

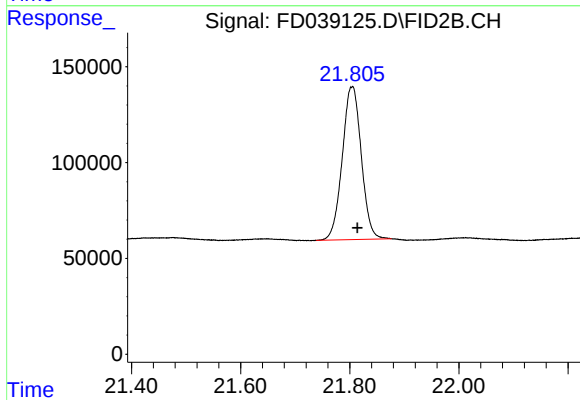
Response: 1885063

Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.880 min
Delta R.T.: -0.004 min
Response: 1848174
Conc: 20.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: -0.009 min
Response: 1930723
Conc: 21.92 ug/ml