

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AL\
 Data File : FD039145.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2021 8:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 08:41:34 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)	11.681	2449901	17.261 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
12) S 1-chlorooctadecane (S...	13.108	1901429	16.909 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
Target Compounds			
1) T n-Nonane (C9)	3.436	2442080	19.360 ug/ml
2) T n-Decane (C10)	4.506	2468177	19.339 ug/ml
3) T A~Naphthalene (C11.7)	6.102	2702883	18.981 ug/ml
4) T n-Dodecane (C12)	6.524	2454606	19.166 ug/ml
5) T A~2-methylnaphthalene...	7.158	2687868	18.776 ug/ml
6) T n-Tetradecane (C14)	8.317	2440752	18.809 ug/ml
7) T n-Hexadecane (C16)	9.915	2397127	18.380 ug/ml
8) T n-Octadecane (C18)	11.355	2389119	17.863 ug/ml
10) T n-Eicosane (C20)	12.662	2294218	17.299 ug/ml
11) T n-Heneicosane (C21)	13.272	2274479	16.986 ug/ml
13) T n-Docosane (C22)	13.857	2209403	16.656 ug/ml
14) T n-Tetracosane (C24)	14.956	2183921	16.482 ug/ml
15) T n-Hexacosane (C26)	15.974	2113788	16.422 ug/ml
16) T n-Octacosane (C28)	16.919	2074922	16.455 ug/ml
17) T n-Tricontane (C30)	17.804	2072600	16.993 ug/ml
18) T n-Dotriacontane (C32)	18.634	2019153	17.416 ug/ml
19) T n-Tetratriacontane (C34)	19.415	1982473	18.365 ug/ml
20) T n-Hexatriacontane (C36)	20.151	3184150	32.541 ug/ml
21) T n-Octatriacontane (C38)	20.894	2694927	30.019 ug/ml
22) T n-Tetracontane (C40)	21.825	2820116	32.013 ug/ml

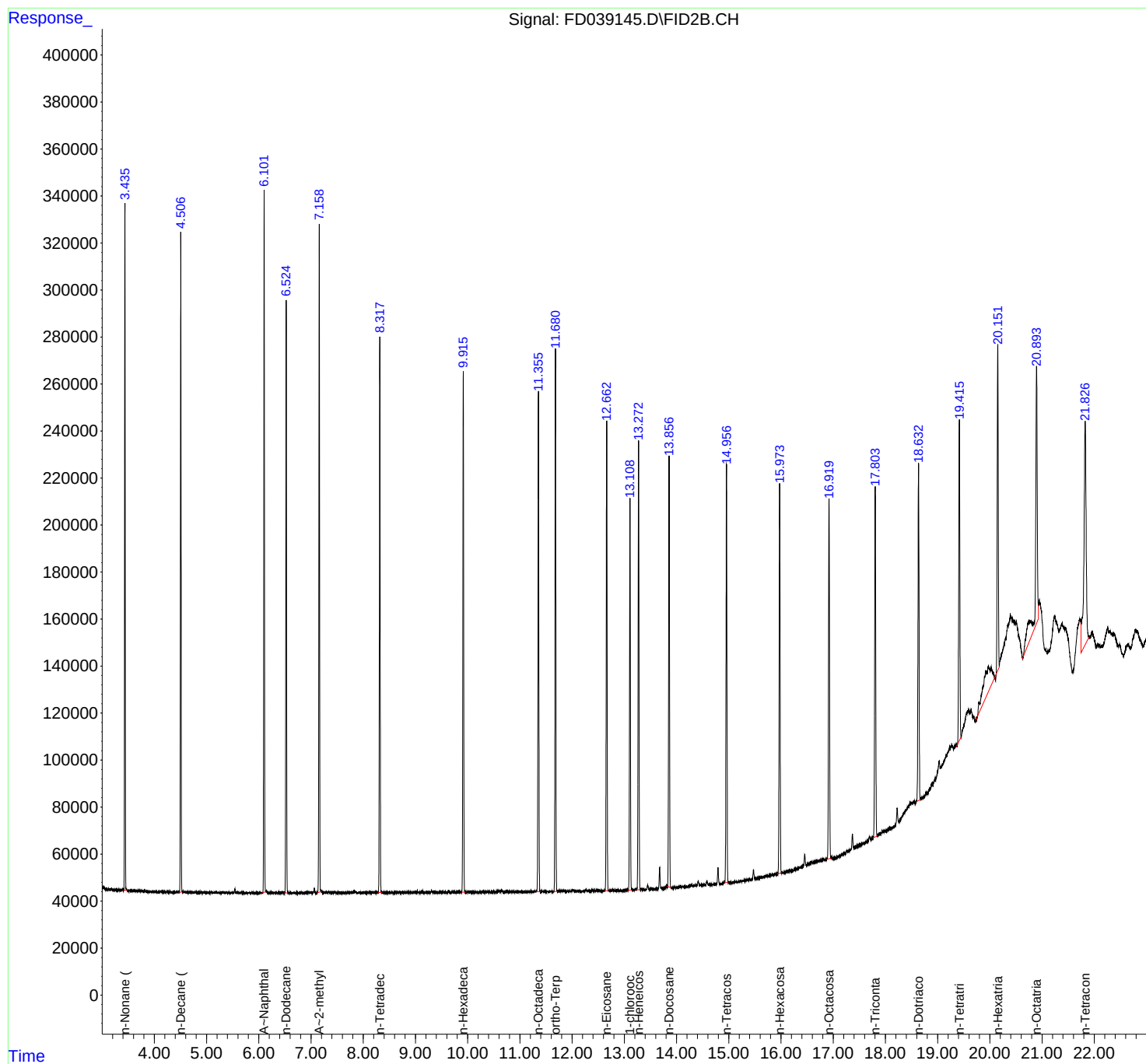
(f)=RT Delta > 1/2 Window

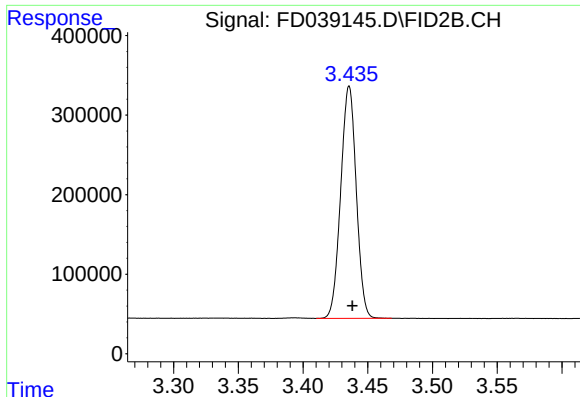
(m)=manual int.

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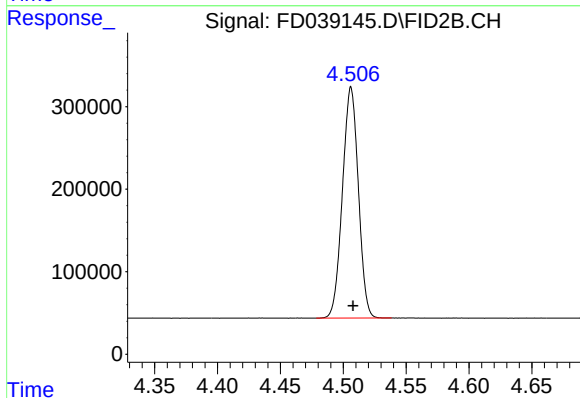
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Signal Info : 20M x 0.18mm x 0.18um





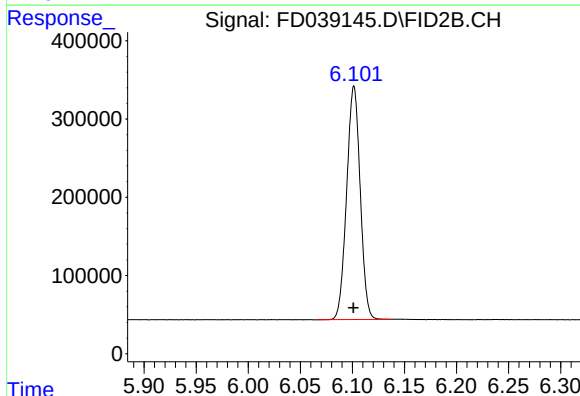
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.002 min
Response: 2442080
Conc: 19.36 ug/ml



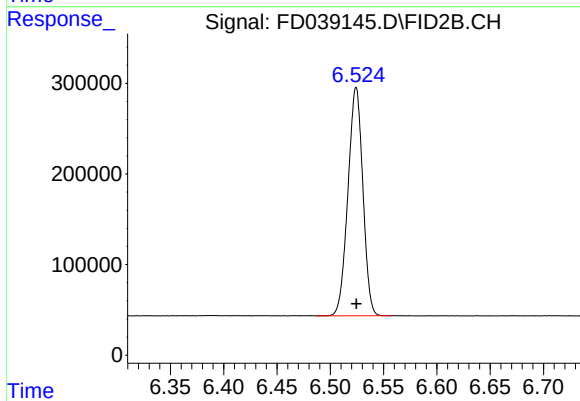
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 2468177
Conc: 19.34 ug/ml



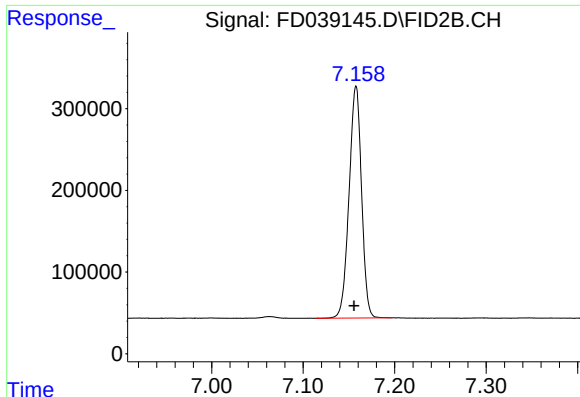
#3 A~Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 2702883
Conc: 18.98 ug/ml



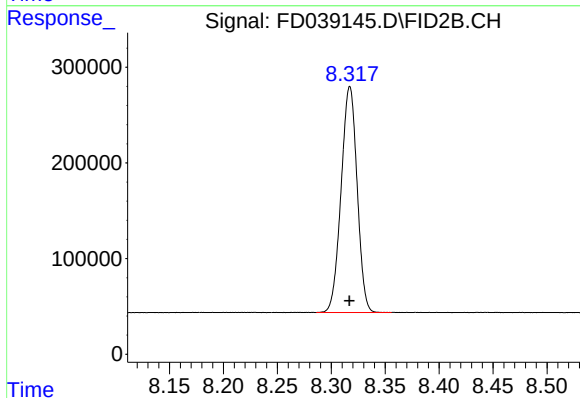
#4 n-Dodecane (C12)

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 2454606
Conc: 19.17 ug/ml



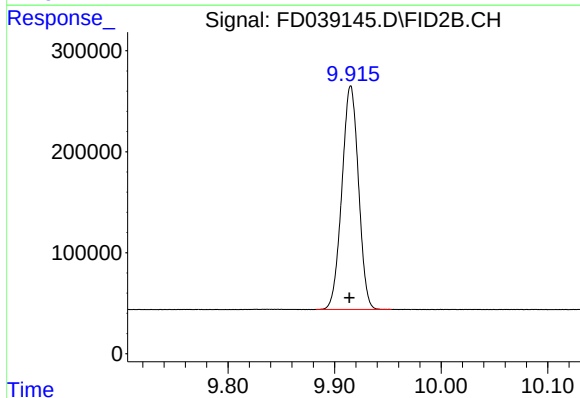
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 2687868
Conc: 18.78 ug/ml



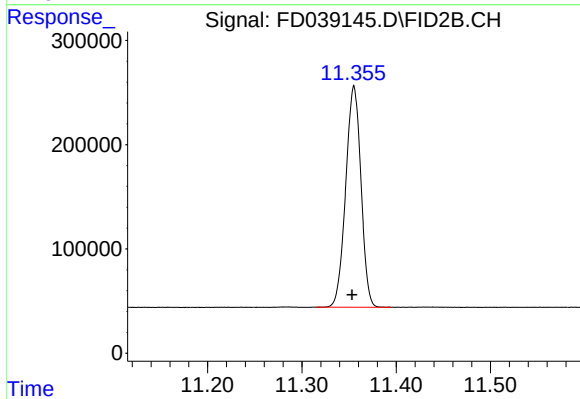
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 2440752
Conc: 18.81 ug/ml



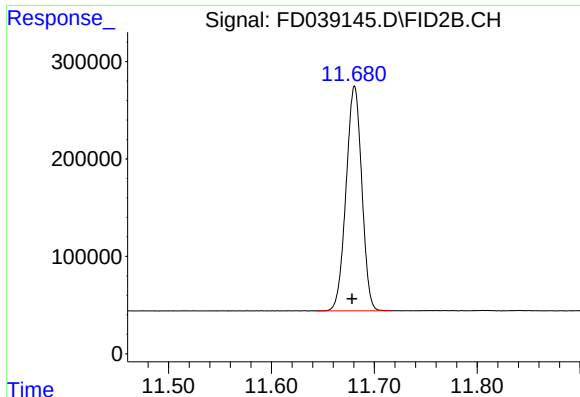
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 2397127
Conc: 18.38 ug/ml



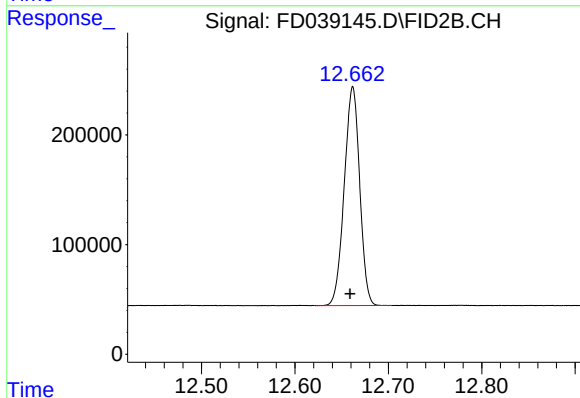
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.002 min
Response: 2389119
Conc: 17.86 ug/ml



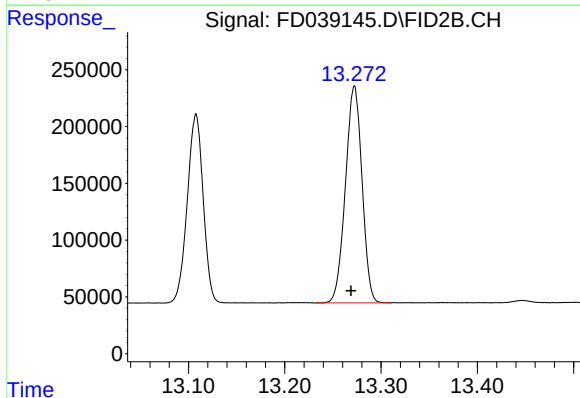
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 2449901
Conc: 17.26 ug/ml



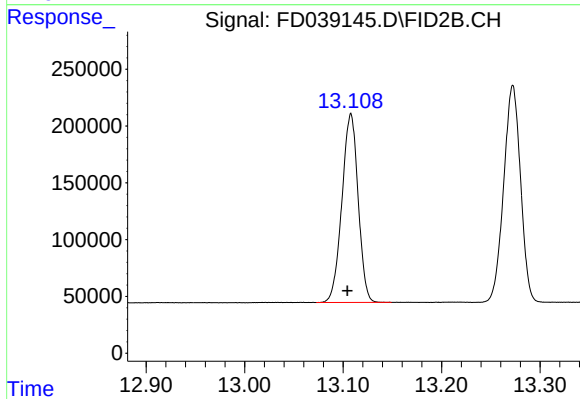
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.003 min
Response: 2294218
Conc: 17.30 ug/ml



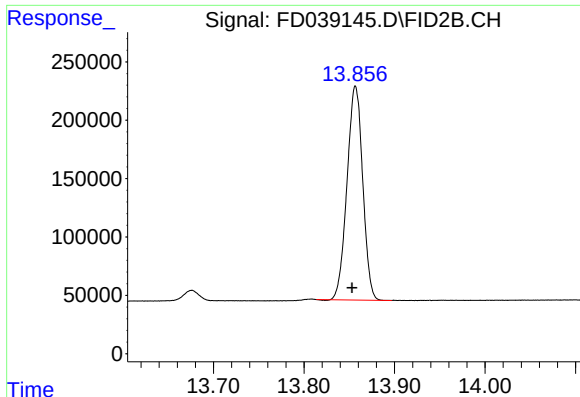
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: 0.004 min
Response: 2274479
Conc: 16.99 ug/ml



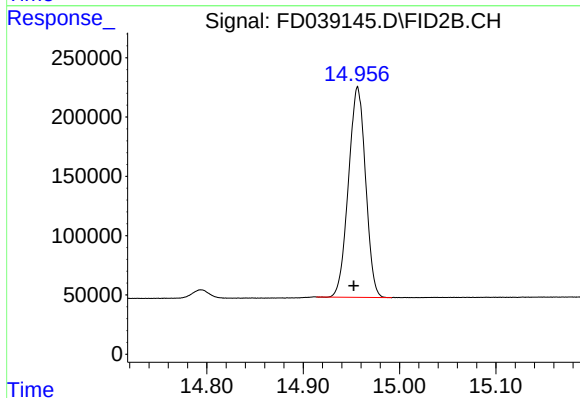
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: 0.003 min
Response: 1901429
Conc: 16.91 ug/ml



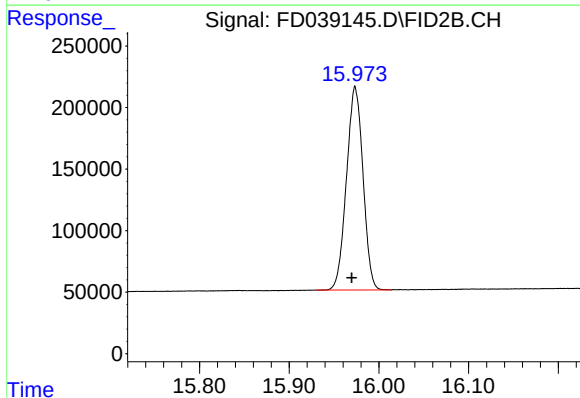
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.004 min
Response: 2209403
Conc: 16.66 ug/ml



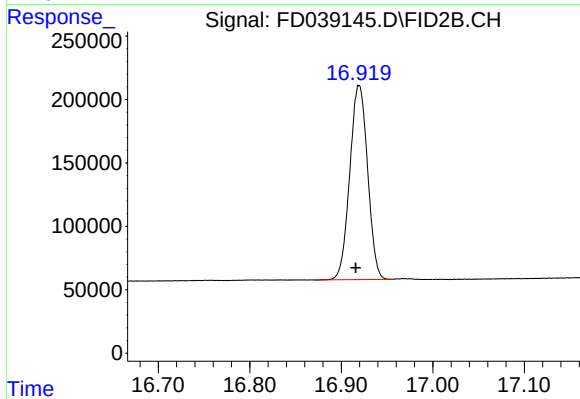
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: 0.004 min
Response: 2183921
Conc: 16.48 ug/ml



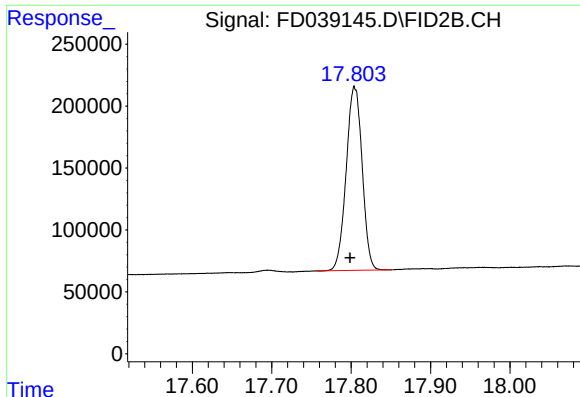
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: 0.004 min
Response: 2113788
Conc: 16.42 ug/ml



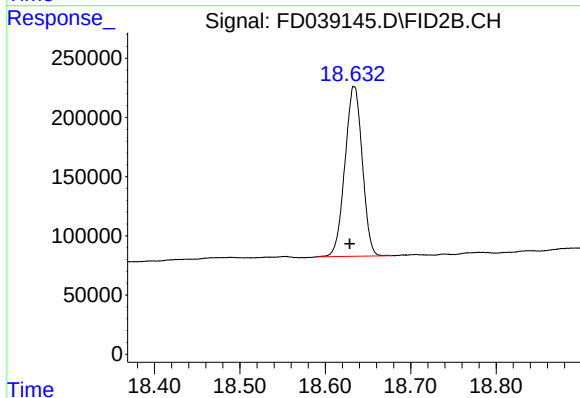
#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: 0.004 min
Response: 2074922
Conc: 16.46 ug/ml



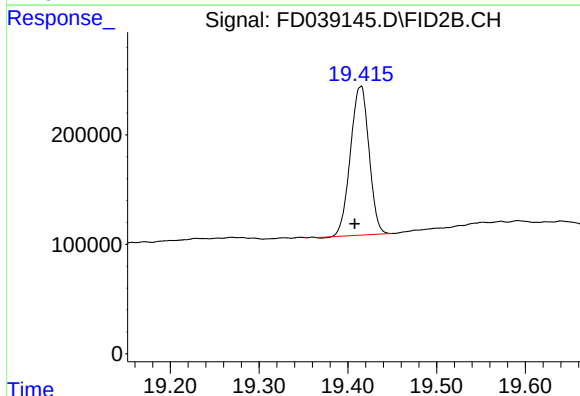
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: 0.006 min
Response: 2072600
Conc: 16.99 ug/ml



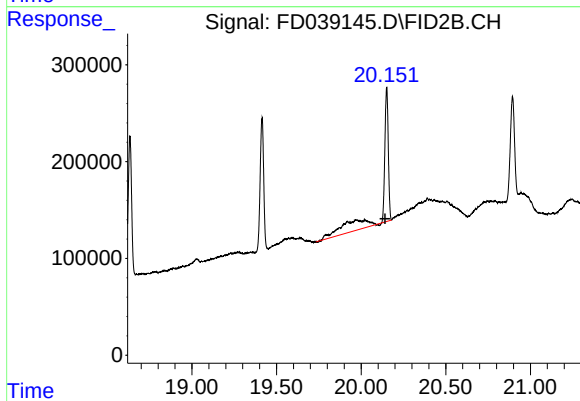
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.005 min
Response: 2019153
Conc: 17.42 ug/ml



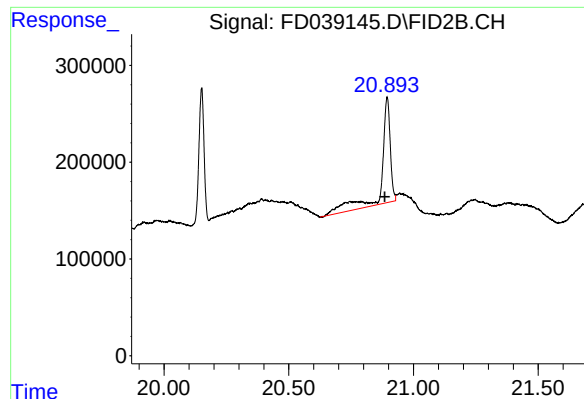
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.007 min
Response: 1982473
Conc: 18.37 ug/ml



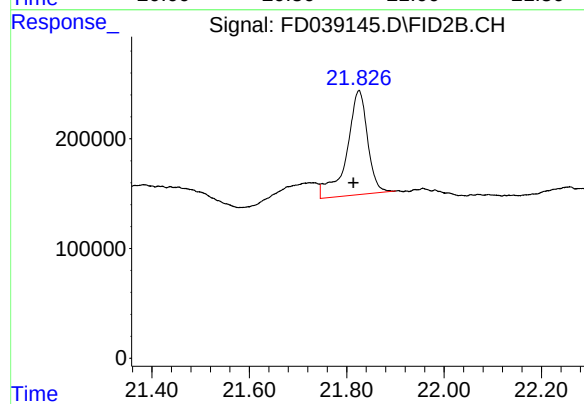
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: 0.008 min
Response: 3184150
Conc: 32.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.894 min
Delta R.T.: 0.010 min
Response: 2694927
Conc: 30.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.825 min
Delta R.T.: 0.012 min
Response: 2820116
Conc: 32.01 ug/ml