

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120321AL\
 Data File : FD039717.D
 Signal(s) : FID2B.CH
 Acq On : 04 Dec 2021 4:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 04 04:59:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 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)	11.652	2536586	19.911 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	13.078	1962163	19.947 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T n-Nonane (C9)	3.413	2302862	20.156 ug/ml
2) T n-Decane (C10)	4.482	2325875	20.223 ug/ml
3) T A~Naphthalene (C11.7)	6.074	2570546	20.201 ug/ml
4) T n-Dodecane (C12)	6.498	2328217	20.218 ug/ml
5) T A~2-methylnaphthalene...	7.129	2559286	20.098 ug/ml
6) T n-Tetradecane (C14)	8.290	2323767	20.054 ug/ml
7) T n-Hexadecane (C16)	9.888	2309998	19.867 ug/ml
8) T n-Octadecane (C18)	11.328	2369483	19.941 ug/ml
10) T n-Eicosane (C20)	12.634	2358039	20.097 ug/ml
11) T n-Heneicosane (C21)	13.244	2357294	20.040 ug/ml
13) T n-Docosane (C22)	13.829	2368324	20.418 ug/ml
14) T n-Tetracosane (C24)	14.929	2445400	20.956 ug/ml
15) T n-Hexacosane (C26)	15.946	2379485	21.474 ug/ml
16) T n-Octacosane (C28)	16.892	2294991	21.393 ug/ml
17) T n-Tricontane (C30)	17.776	2224518	20.869 ug/ml
18) T n-Dotriacontane (C32)	18.605	2122348	20.378 ug/ml
19) T n-Tetratriacontane (C34)	19.386	2031173	20.212 ug/ml
20) T n-Hexatriacontane (C36)	20.123	1935000	20.109 ug/ml
21) T n-Octatriacontane (C38)	20.859	1856598	19.783 ug/ml
22) T n-Tetracontane (C40)	21.776	1838992	19.075 ug/ml

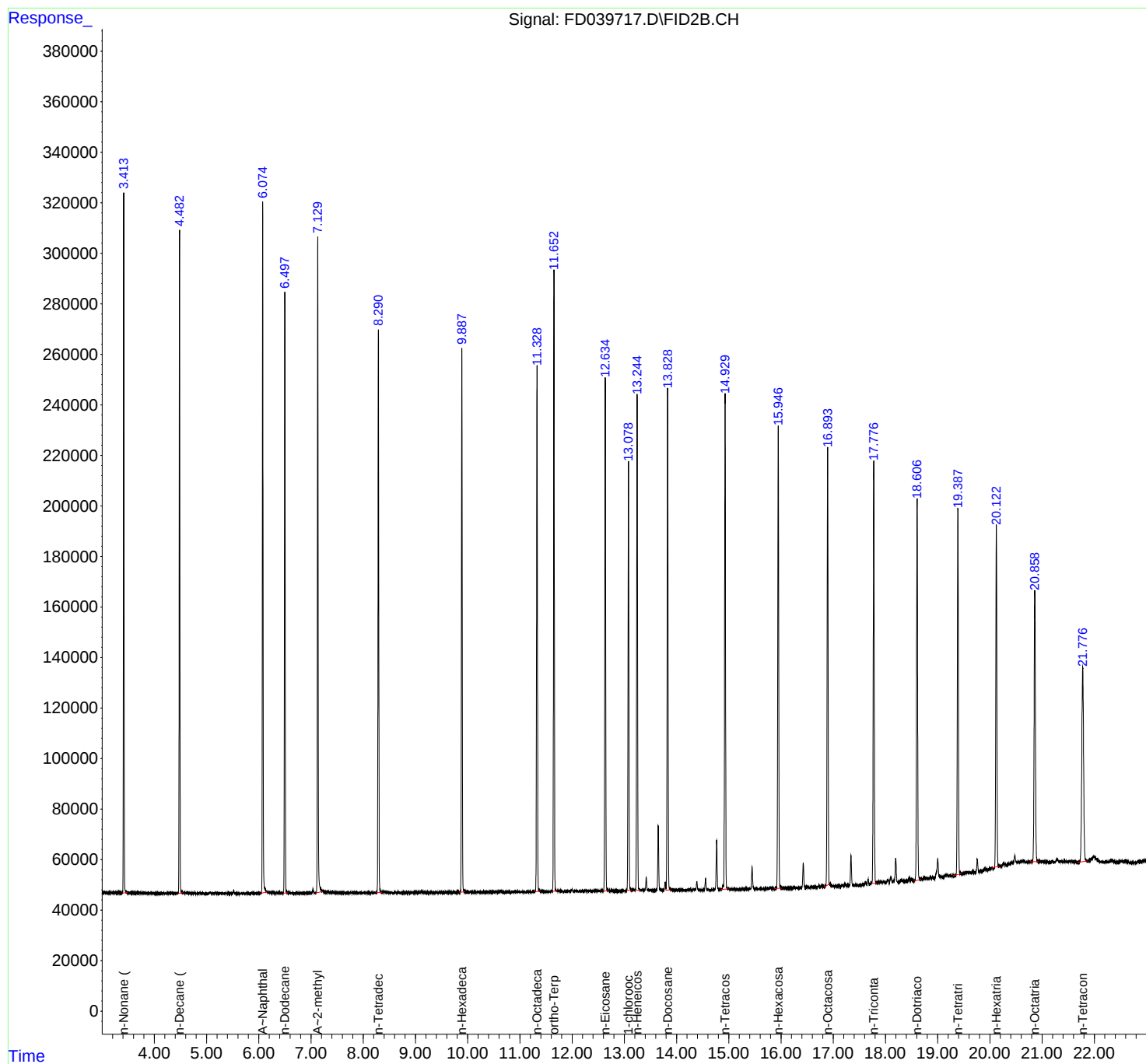
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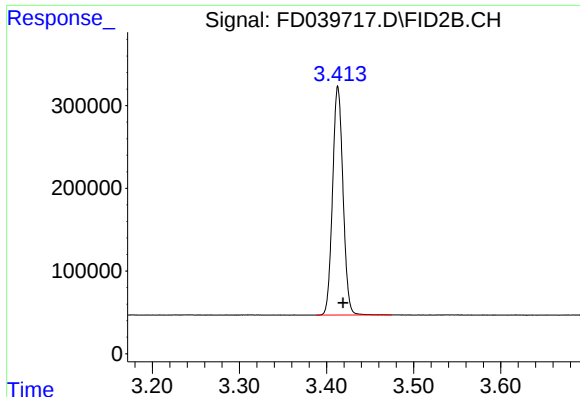
(m)=manual int.

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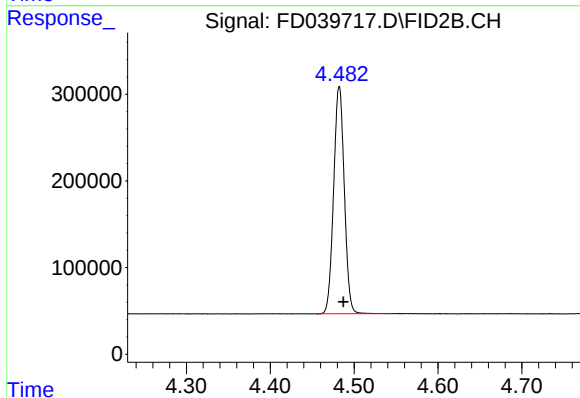
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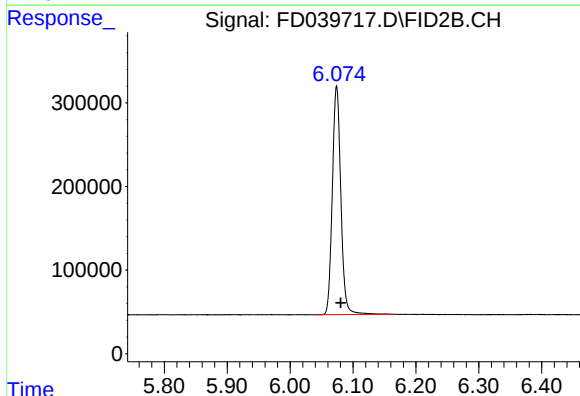
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.006 min
Response: 2302862
Conc: 20.16 ug/ml



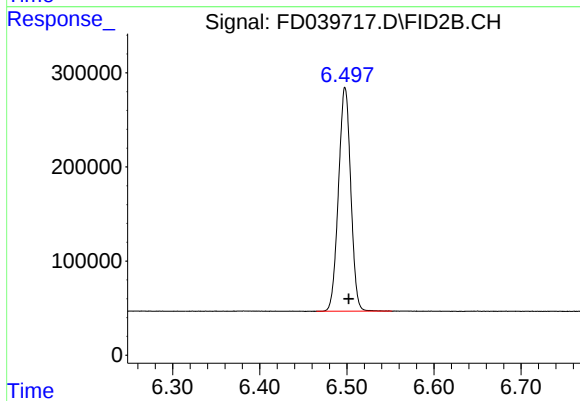
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.005 min
Response: 2325875
Conc: 20.22 ug/ml



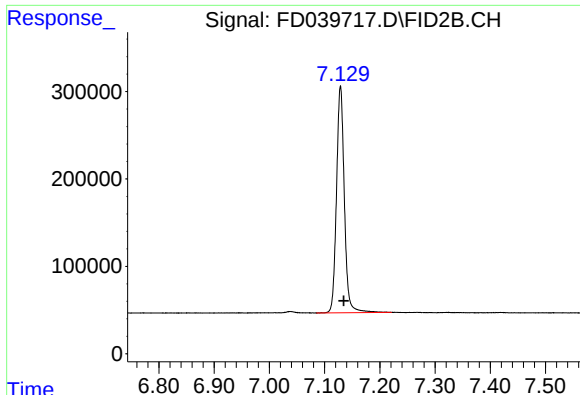
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.006 min
Response: 2570546
Conc: 20.20 ug/ml



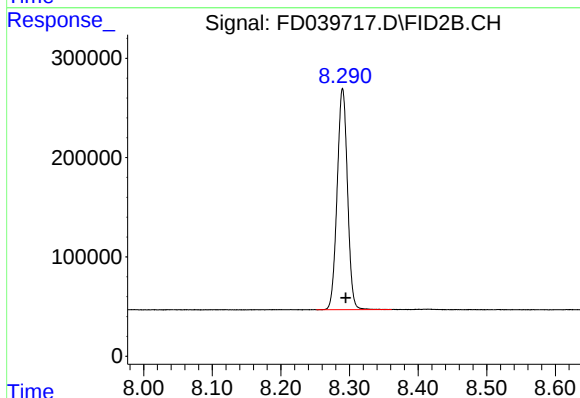
#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 2328217
Conc: 20.22 ug/ml



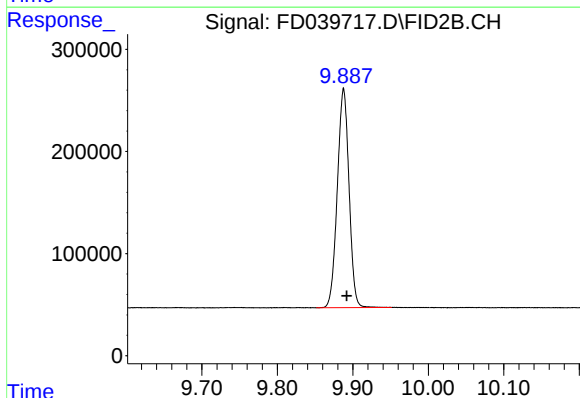
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.006 min
Response: 2559286
Conc: 20.10 ug/ml



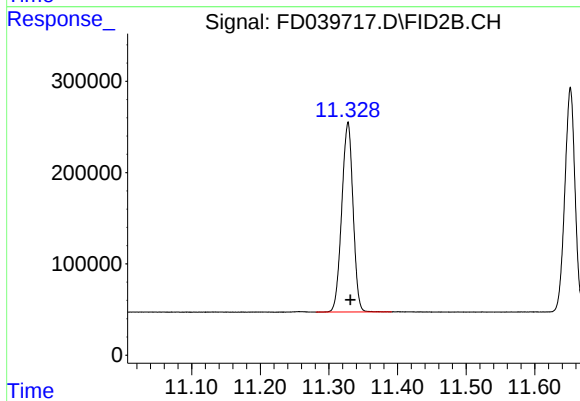
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: -0.005 min
Response: 2323767
Conc: 20.05 ug/ml



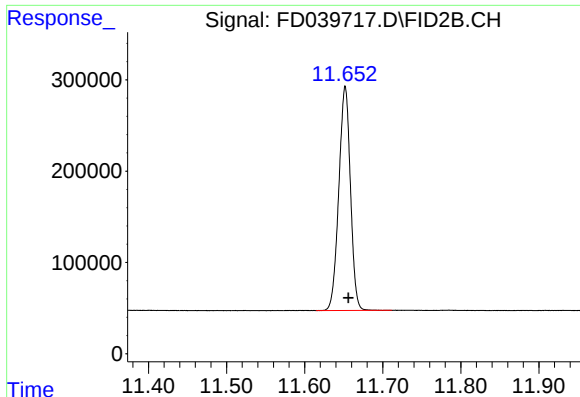
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: -0.004 min
Response: 2309998
Conc: 19.87 ug/ml



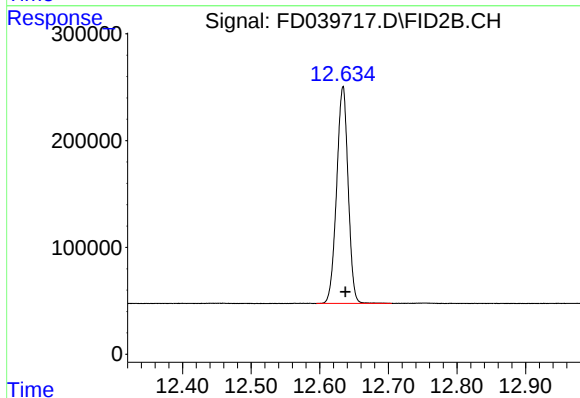
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: -0.004 min
Response: 2369483
Conc: 19.94 ug/ml



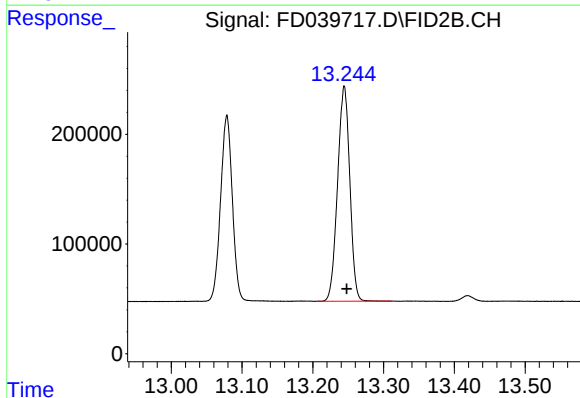
#9 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: -0.004 min
Response: 2536586
Conc: 19.91 ug/ml



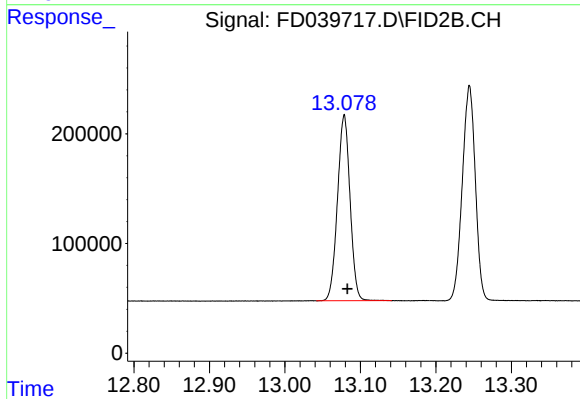
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.004 min
Response: 2358039
Conc: 20.10 ug/ml



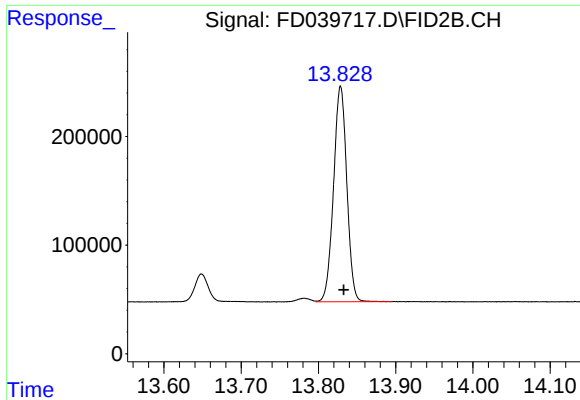
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.004 min
Response: 2357294
Conc: 20.04 ug/ml



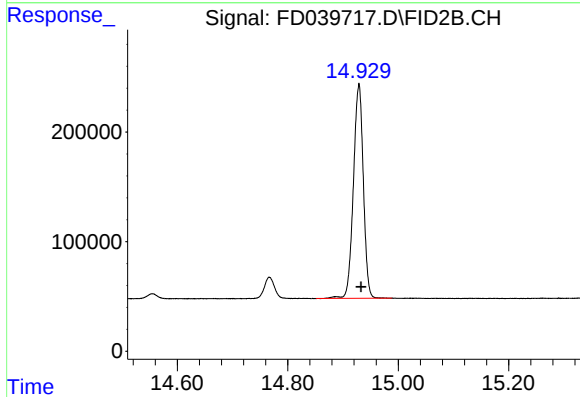
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.004 min
Response: 1962163
Conc: 19.95 ug/ml



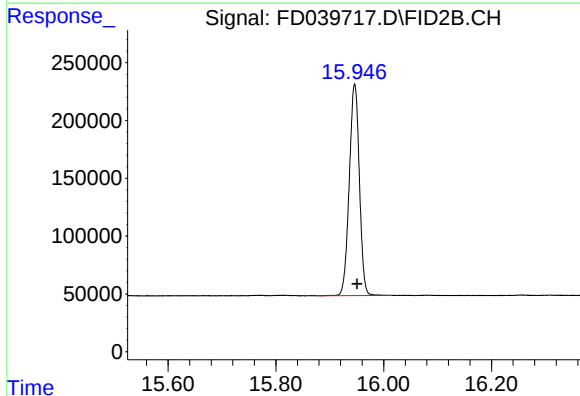
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.004 min
Response: 2368324
Conc: 20.42 ug/ml



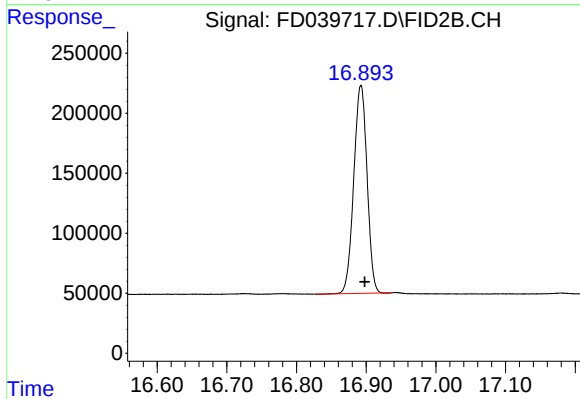
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.004 min
Response: 2445400
Conc: 20.96 ug/ml



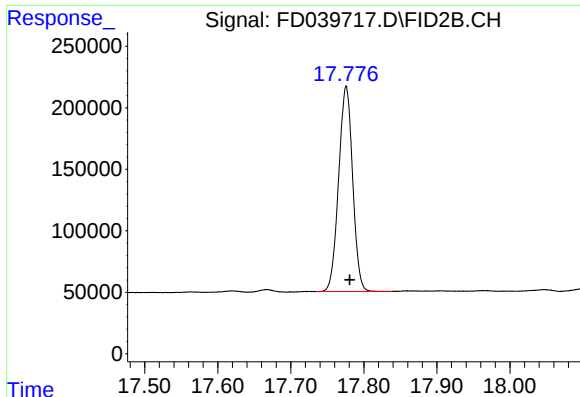
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.004 min
Response: 2379485
Conc: 21.47 ug/ml



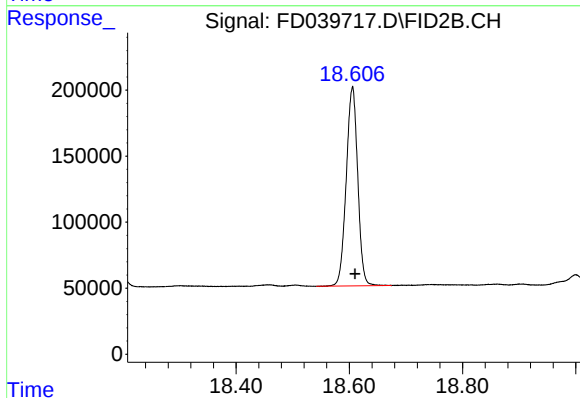
#16 n-Octacosane (C28)

R.T.: 16.892 min
Delta R.T.: -0.005 min
Response: 2294991
Conc: 21.39 ug/ml



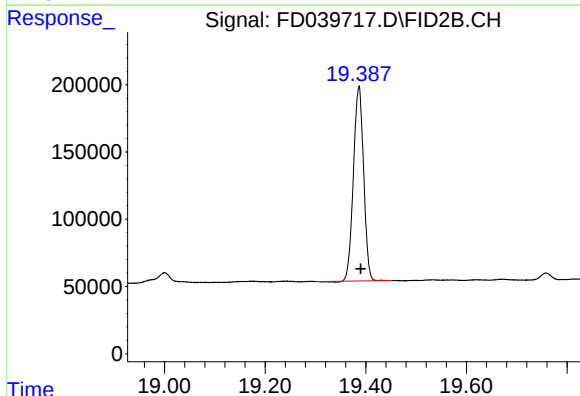
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.005 min
Response: 2224518
Conc: 20.87 ug/ml



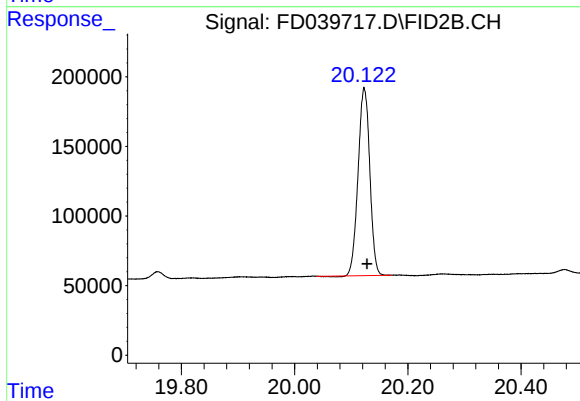
#18 n-Dotriacontane (C32)

R.T.: 18.605 min
Delta R.T.: -0.005 min
Response: 2122348
Conc: 20.38 ug/ml



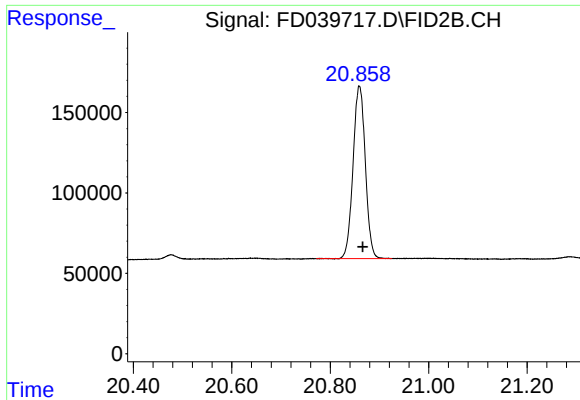
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: -0.004 min
Response: 2031173
Conc: 20.21 ug/ml



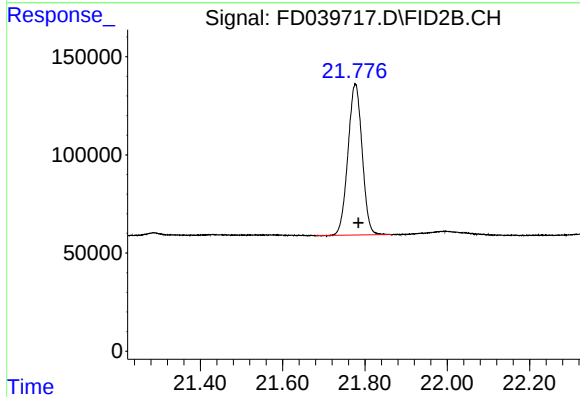
#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.005 min
Response: 1935000
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.007 min
Response: 1856598
Conc: 19.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.776 min
Delta R.T.: -0.008 min
Response: 1838992
Conc: 19.07 ug/ml