

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102321AL\
 Data File : FD039236.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2021 10:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:10:49 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)	11.673	2494482	17.575 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
12) S 1-chlorooctadecane (S...	13.099	1943088	17.280 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
Target Compounds			
1) T n-Nonane (C9)	3.432	2463952	19.534 ug/ml
2) T n-Decane (C10)	4.501	2499499	19.584 ug/ml
3) T A~Naphthalene (C11.7)	6.095	2744010	19.270 ug/ml
4) T n-Dodecane (C12)	6.518	2482770	19.386 ug/ml
5) T A~2-methylnaphthalene...	7.150	2731712	19.082 ug/ml
6) T n-Tetradecane (C14)	8.311	2472593	19.055 ug/ml
7) T n-Hexadecane (C16)	9.909	2441583	18.720 ug/ml
8) T n-Octadecane (C18)	11.348	2444454	18.277 ug/ml
10) T n-Eicosane (C20)	12.654	2369248	17.864 ug/ml
11) T n-Heneicosane (C21)	13.264	2335872	17.444 ug/ml
13) T n-Docosane (C22)	13.849	2336767	17.616 ug/ml
14) T n-Tetracosane (C24)	14.948	2401871	18.127 ug/ml
15) T n-Hexacosane (C26)	15.966	2365592	18.378 ug/ml
16) T n-Octacosane (C28)	16.912	2360724	18.722 ug/ml
17) T n-Tricontane (C30)	17.796	2433265	19.950 ug/ml
18) T n-Dotriacontane (C32)	18.625	2351039	20.279 ug/ml
19) T n-Tetratriacontane (C34)	19.406	2228557	20.645 ug/ml
20) T n-Hexatriacontane (C36)	20.143	2122490	21.691 ug/ml
21) T n-Octatriacontane (C38)	20.883	2039338	22.716 ug/ml
22) T n-Tetracontane (C40)	21.810	2070963	23.509 ug/ml

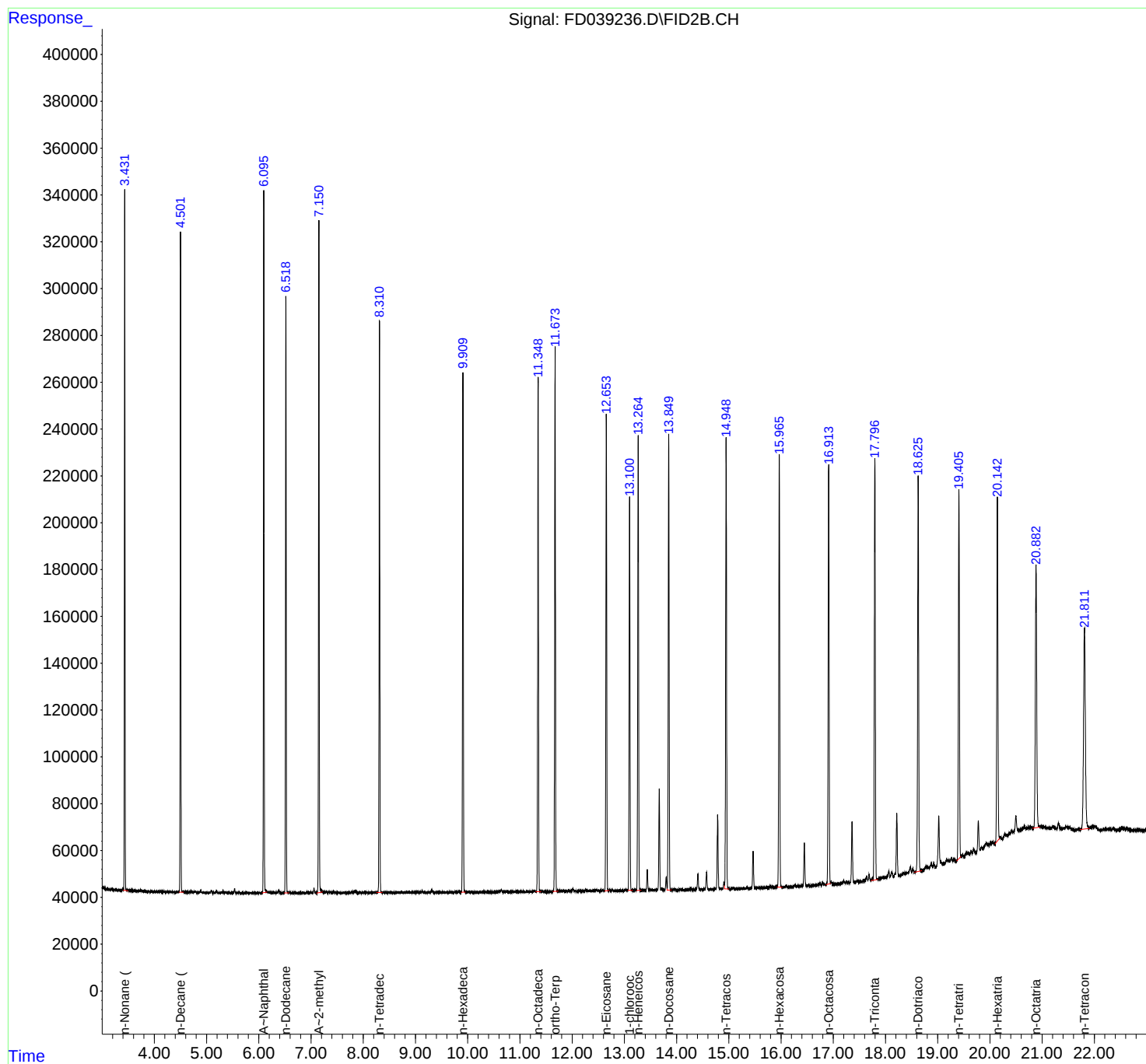
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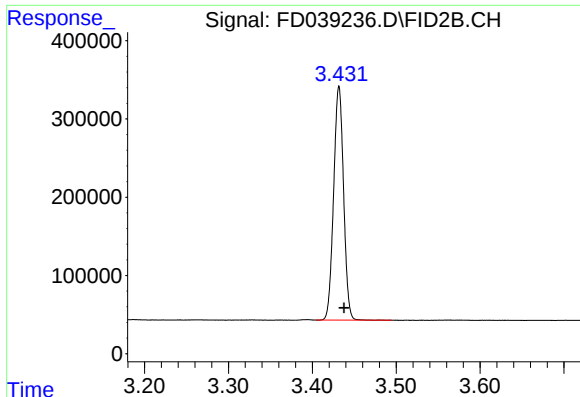
(m)=manual int.

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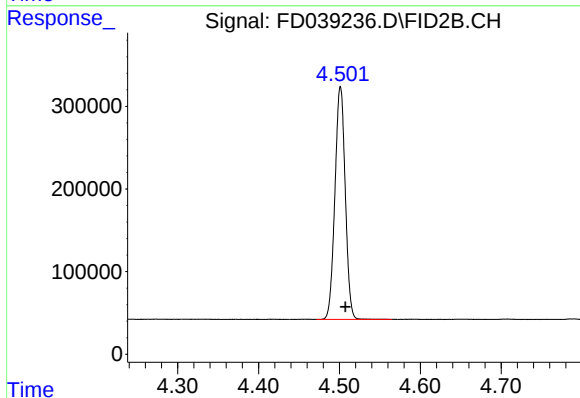
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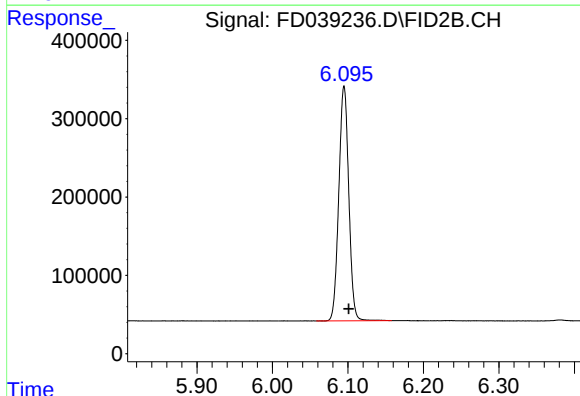
#1 n-Nonane (C9)

R.T.: 3.432 min
Delta R.T.: -0.006 min
Response: 2463952
Conc: 19.53 ug/ml



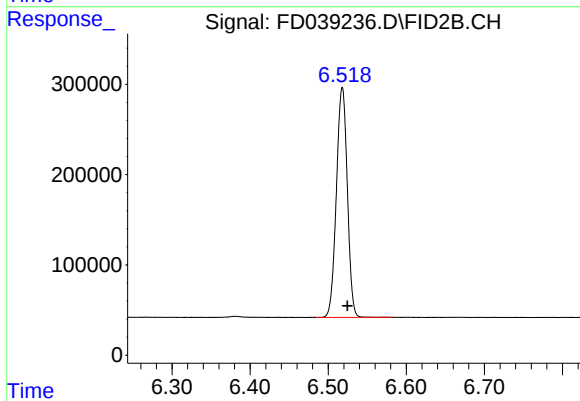
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 2499499
Conc: 19.58 ug/ml



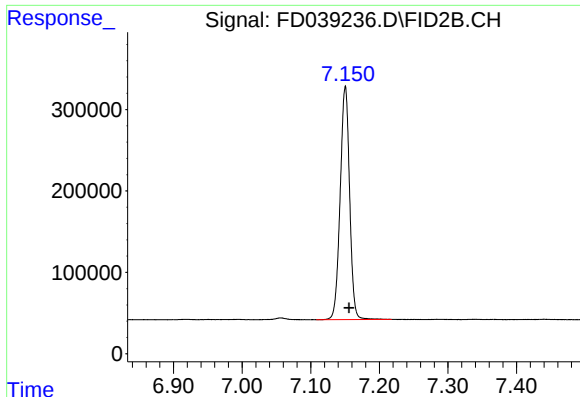
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 2744010
Conc: 19.27 ug/ml



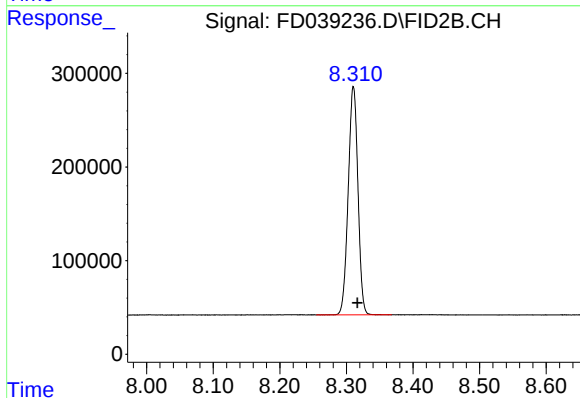
#4 n-Dodecane (C12)

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 2482770
Conc: 19.39 ug/ml



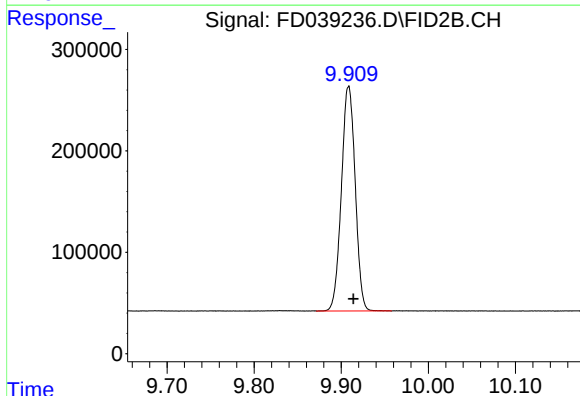
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: -0.005 min
Response: 2731712
Conc: 19.08 ug/ml



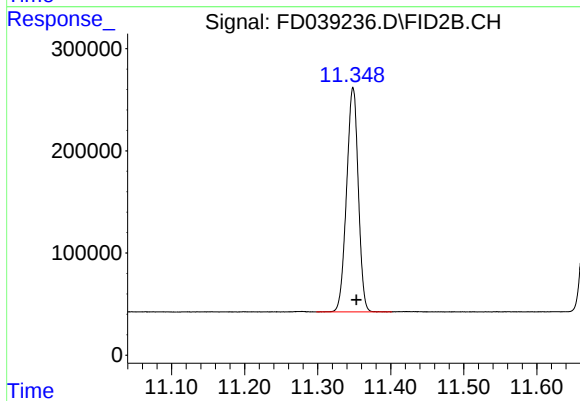
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.006 min
Response: 2472593
Conc: 19.05 ug/ml



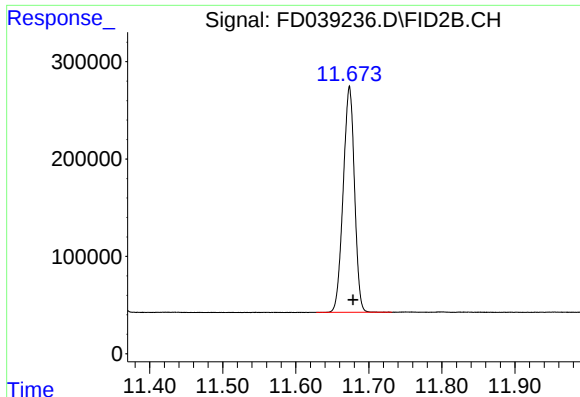
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.005 min
Response: 2441583
Conc: 18.72 ug/ml



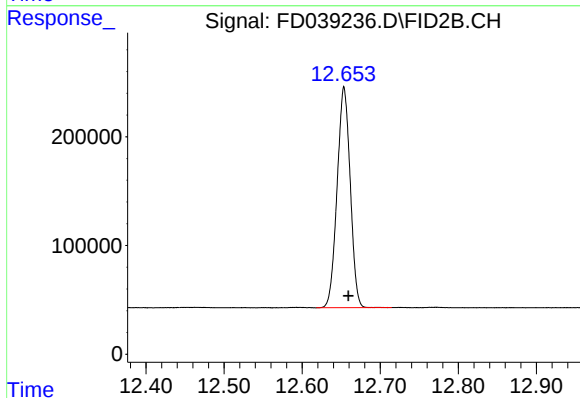
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.005 min
Response: 2444454
Conc: 18.28 ug/ml



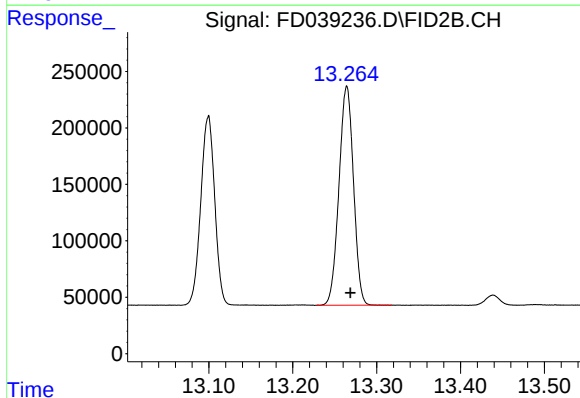
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.005 min
Response: 2494482
Conc: 17.58 ug/ml



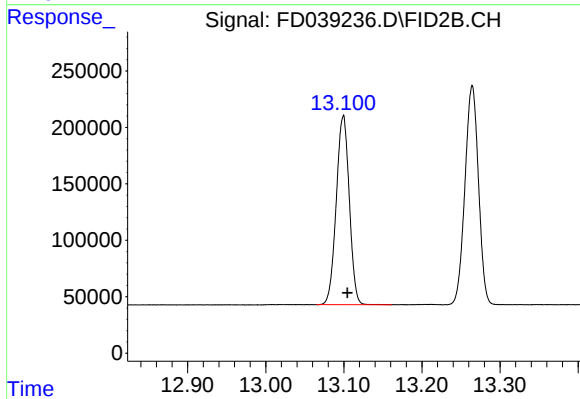
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.005 min
Response: 2369248
Conc: 17.86 ug/ml



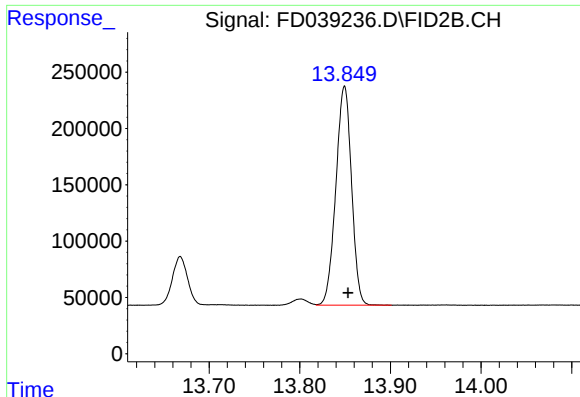
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.004 min
Response: 2335872
Conc: 17.44 ug/ml



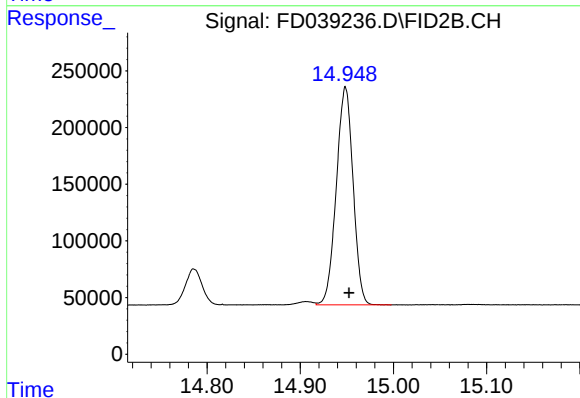
#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: -0.005 min
Response: 1943088
Conc: 17.28 ug/ml



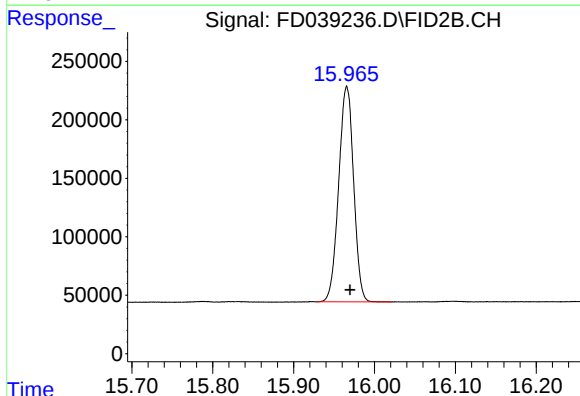
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: -0.004 min
Response: 2336767
Conc: 17.62 ug/ml



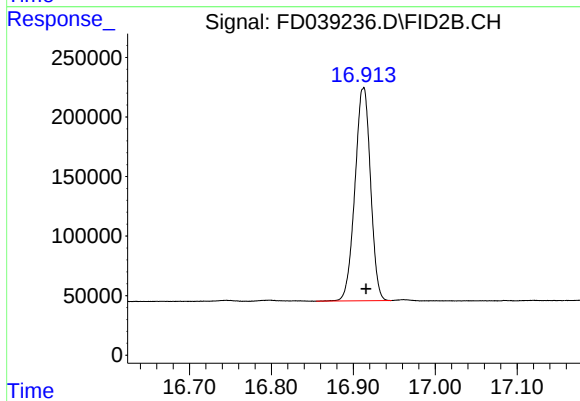
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.004 min
Response: 2401871
Conc: 18.13 ug/ml



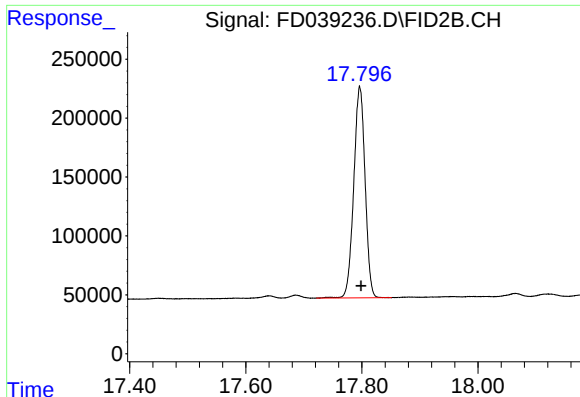
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.004 min
Response: 2365592
Conc: 18.38 ug/ml



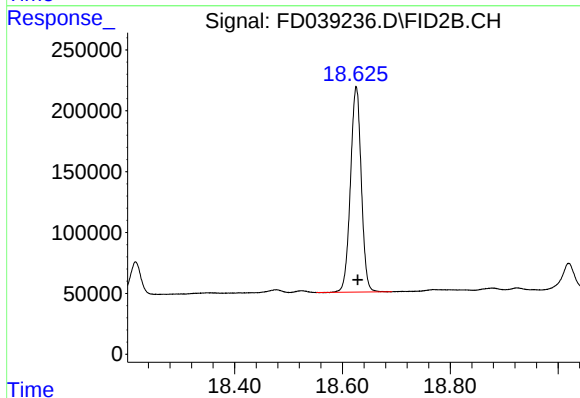
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: -0.003 min
Response: 2360724
Conc: 18.72 ug/ml



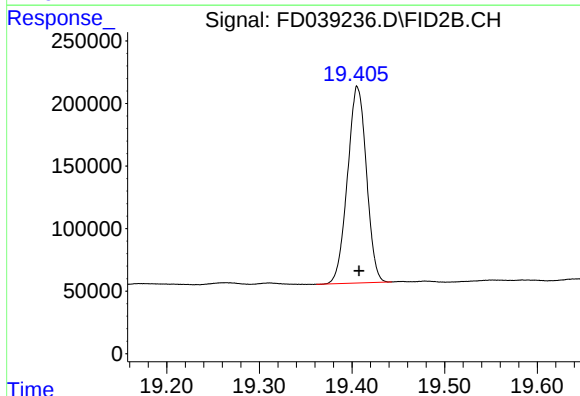
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.002 min
Response: 2433265
Conc: 19.95 ug/ml



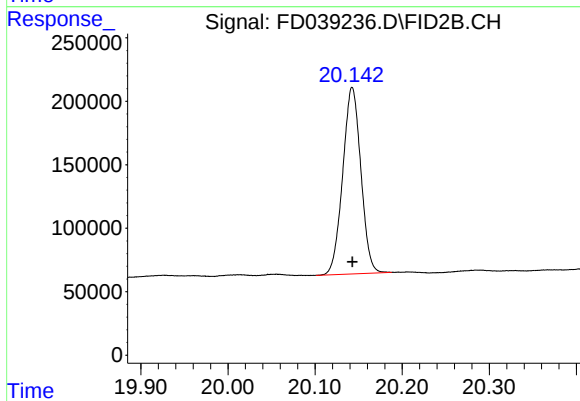
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: -0.003 min
Response: 2351039
Conc: 20.28 ug/ml



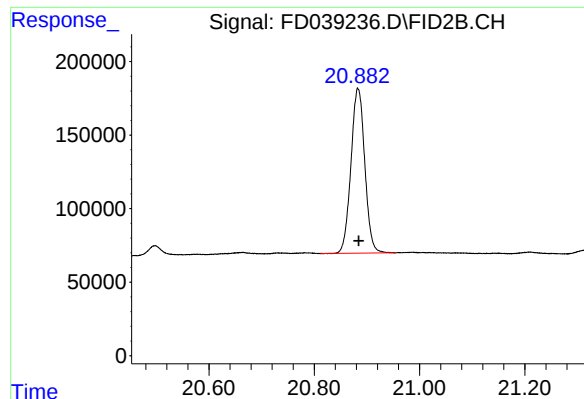
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.002 min
Response: 2228557
Conc: 20.64 ug/ml



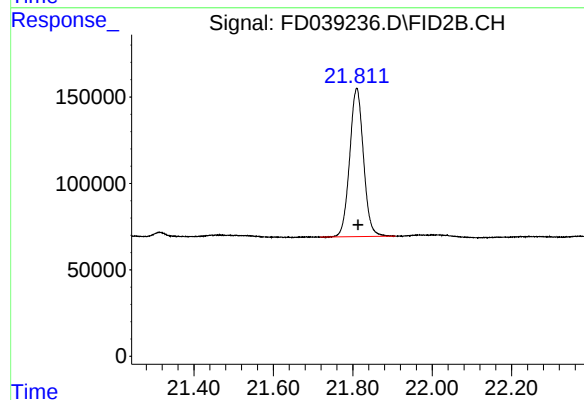
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 2122490
Conc: 21.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 2039338
Conc: 22.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: -0.004 min
Response: 2070963
Conc: 23.51 ug/ml