

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092821AL\
 Data File : FD038951.D
 Signal(s) : FID2B.CH
 Acq On : 28 Sep 2021 21:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 02:27:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.683	2739502	18.638 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
12) S 1-chlorooctadecane (S...	13.108	2144445	18.436 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	3.441	2563474	20.128 ug/ml
2) T n-Decane (C10)	4.510	2616624	20.202 ug/ml
3) T A~Naphthalene (C11.7)	6.104	2924766	20.084 ug/ml
4) T n-Dodecane (C12)	6.527	2628641	20.011 ug/ml
5) T A~2-methylnaphthalene...	7.159	2945290	19.913 ug/ml
6) T n-Tetradecane (C14)	8.320	2658952	19.728 ug/ml
7) T n-Hexadecane (C16)	9.918	2644290	19.340 ug/ml
8) T n-Octadecane (C18)	11.357	2664613	19.067 ug/ml
10) T n-Eicosane (C20)	12.663	2577405	18.693 ug/ml
11) T n-Heneicosane (C21)	13.273	2556105	18.391 ug/ml
13) T n-Docosane (C22)	13.857	2523589	18.524 ug/ml
14) T n-Tetracosane (C24)	14.956	2436301	18.235 ug/ml
15) T n-Hexacosane (C26)	15.973	2320959	18.302 ug/ml
16) T n-Octacosane (C28)	16.919	2229099	18.434 ug/ml
17) T n-Tricontane (C30)	17.803	2181687	19.019 ug/ml
18) T n-Dotriacontane (C32)	18.630	2099669	19.414 ug/ml
19) T n-Tetratriacontane (C34)	19.411	2053005	19.720 ug/ml
20) T n-Hexatriacontane (C36)	20.148	1952373	19.912 ug/ml
21) T n-Octatriacontane (C38)	20.890	1888946	20.033 ug/ml
22) T n-Tetracontane (C40)	21.820	1941400	20.505 ug/ml

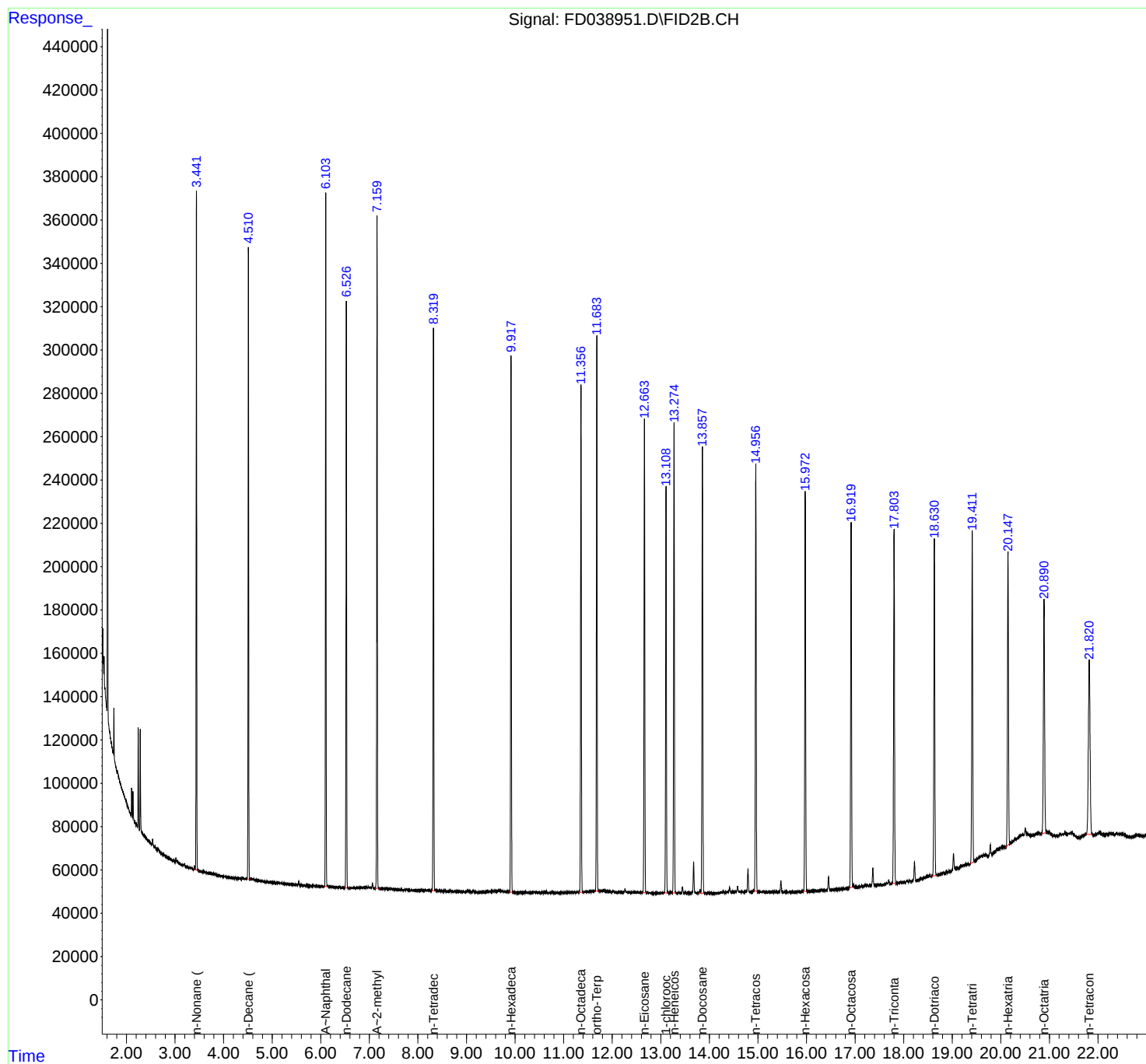
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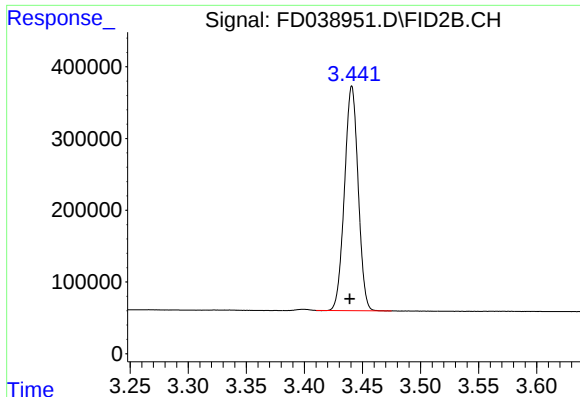
(m)=manual int.

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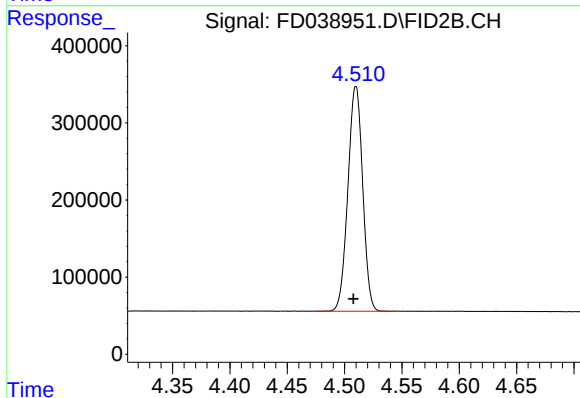
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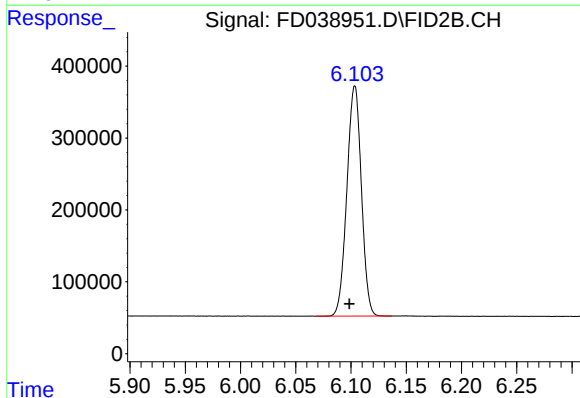
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: 0.002 min
Response: 2563474
Conc: 20.13 ug/ml



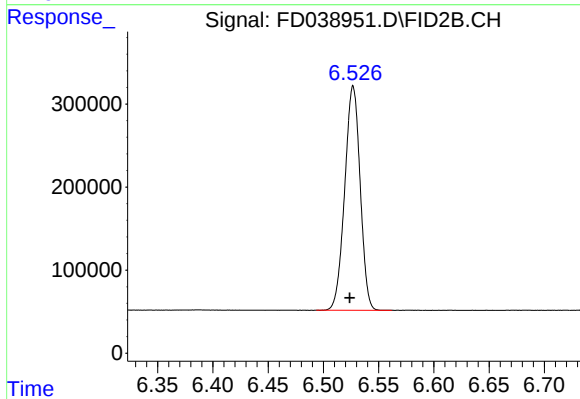
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 2616624
Conc: 20.20 ug/ml



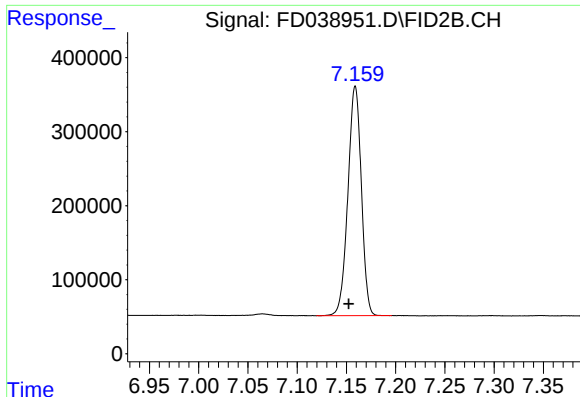
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.005 min
Response: 2924766
Conc: 20.08 ug/ml



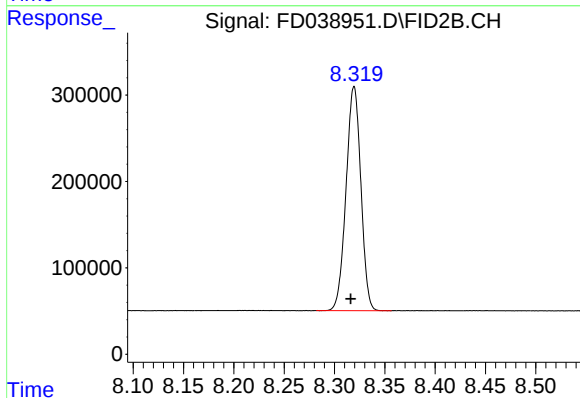
#4 n-Dodecane (C12)

R.T.: 6.527 min
Delta R.T.: 0.003 min
Response: 2628641
Conc: 20.01 ug/ml



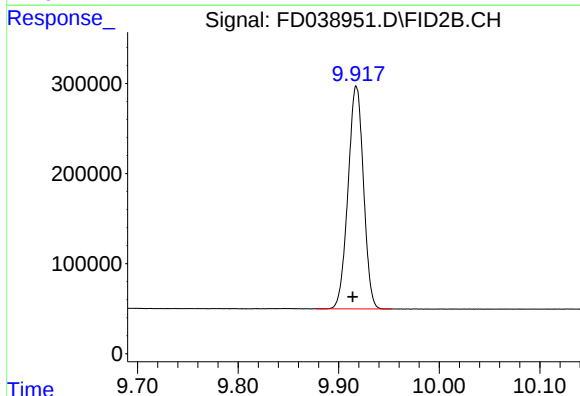
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.007 min
Response: 2945290
Conc: 19.91 ug/ml



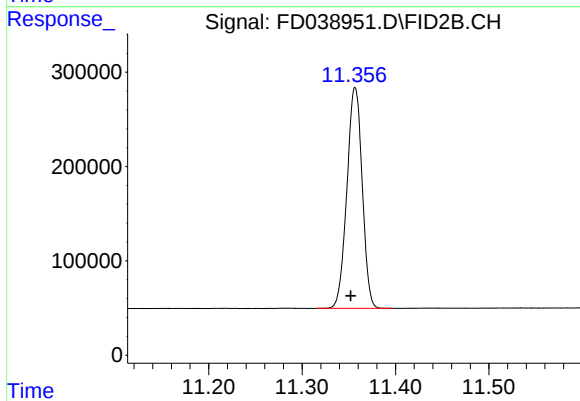
#6 n-Tetradecane (C14)

R.T.: 8.320 min
Delta R.T.: 0.003 min
Response: 2658952
Conc: 19.73 ug/ml



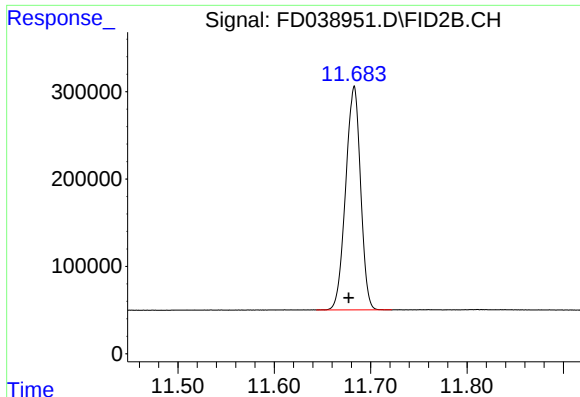
#7 n-Hexadecane (C16)

R.T.: 9.918 min
Delta R.T.: 0.004 min
Response: 2644290
Conc: 19.34 ug/ml



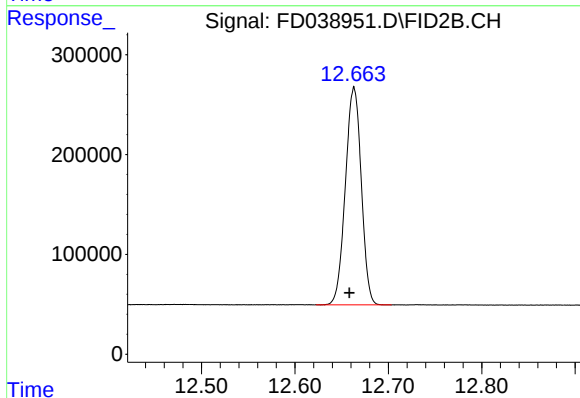
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.005 min
Response: 2664613
Conc: 19.07 ug/ml



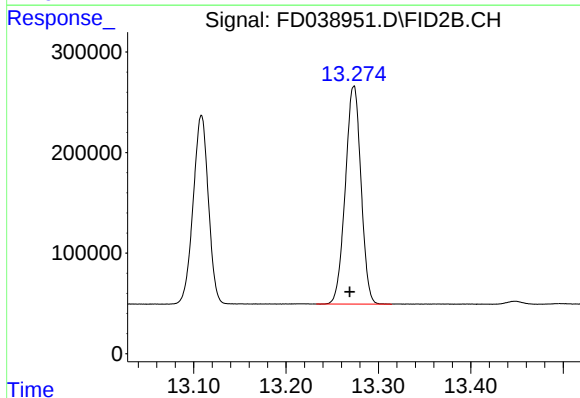
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.006 min
Response: 2739502
Conc: 18.64 ug/ml



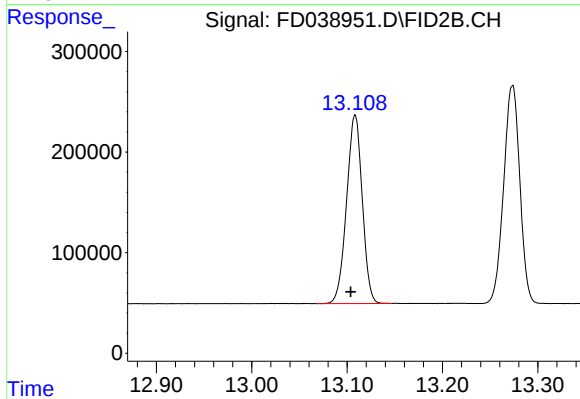
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.005 min
Response: 2577405
Conc: 18.69 ug/ml



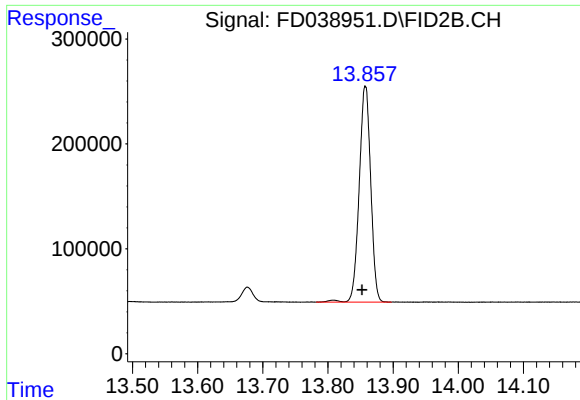
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.004 min
Response: 2556105
Conc: 18.39 ug/ml



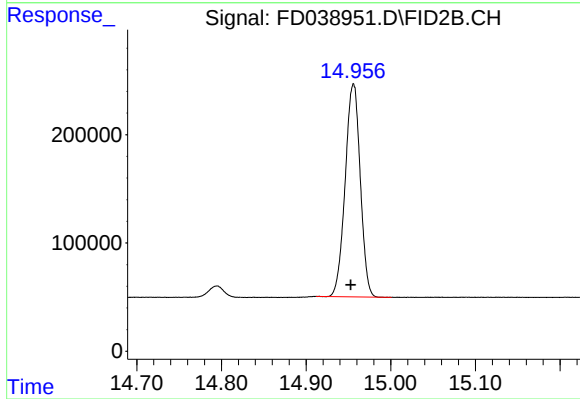
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: 0.005 min
Response: 2144445
Conc: 18.44 ug/ml



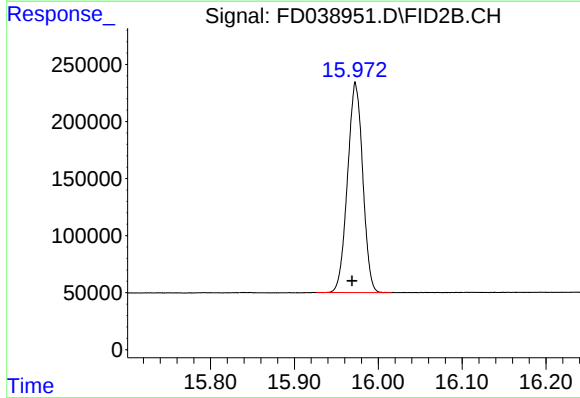
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.005 min
Response: 2523589
Conc: 18.52 ug/ml



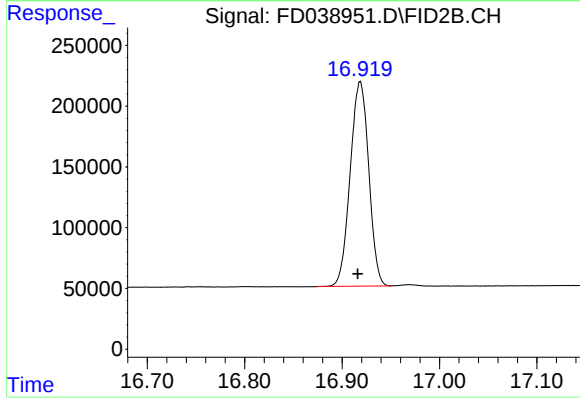
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: 0.003 min
Response: 2436301
Conc: 18.24 ug/ml



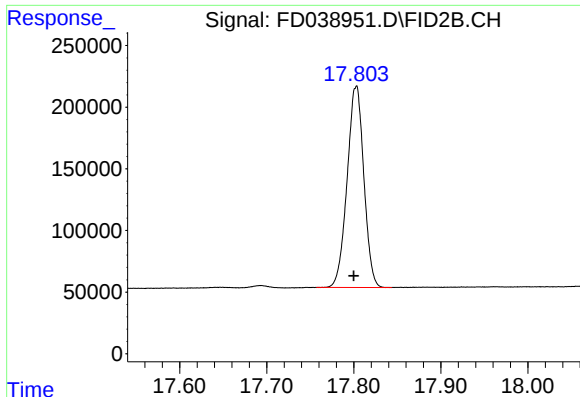
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.004 min
Response: 2320959
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: 0.003 min
Response: 2229099
Conc: 18.43 ug/ml



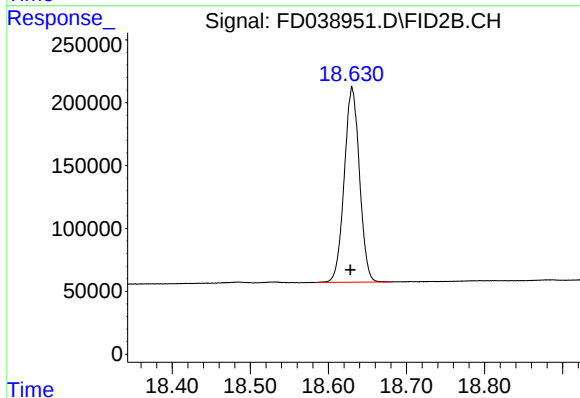
#17 n-Tricontane (C30)

R.T.: 17.803 min

Delta R.T.: 0.003 min

Response: 2181687

Conc: 19.02 ug/ml



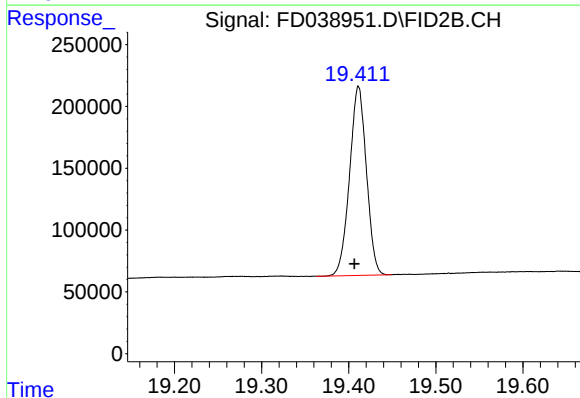
#18 n-Dotriacontane (C32)

R.T.: 18.630 min

Delta R.T.: 0.002 min

Response: 2099669

Conc: 19.41 ug/ml



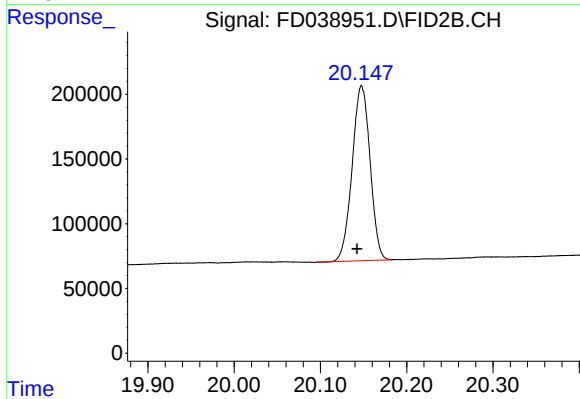
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min

Delta R.T.: 0.005 min

Response: 2053005

Conc: 19.72 ug/ml



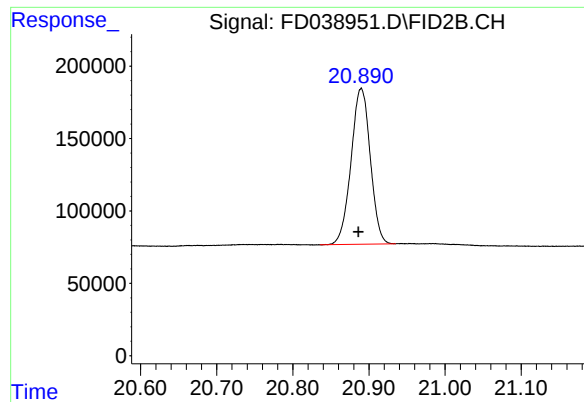
#20 n-Hexatriacontane (C36)

R.T.: 20.148 min

Delta R.T.: 0.005 min

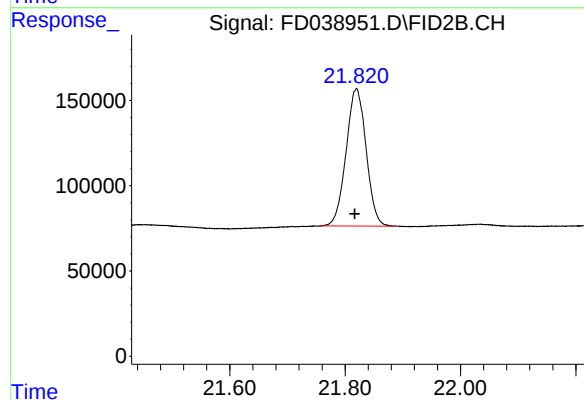
Response: 1952373

Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.890 min
Delta R.T.: 0.004 min
Response: 1888946
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: 0.003 min
Response: 1941400
Conc: 20.50 ug/ml