

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120221AL\
 Data File : FD039690.D
 Signal(s) : FID2B.CH
 Acq On : 03 Dec 2021 1:11
 Operator : AJ\MA
 Sample : SOIL IDOC 03
 Misc : FOR YOGESH PATEL
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 05:25:31 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)	11.660	5769514	45.289 ug/ml
Spiked Amount 50.000		Recovery =	90.58%
12) S 1-chlorooctadecane (S...	13.086	4651277	47.284 ug/ml
Spiked Amount 50.000		Recovery =	94.57%
Target Compounds			
1) T n-Nonane (C9)	3.424	4041961	35.378 ug/ml
2) T n-Decane (C10)	4.489	4260150	37.042 ug/ml
3) T A~Naphthalene (C11.7)	6.079	5031153	39.538 ug/ml
4) T n-Dodecane (C12)	6.502	4560778	39.606 ug/ml
5) T A~2-methylnaphthalene...	7.134	5087486	39.952 ug/ml
6) T n-Tetradecane (C14)	8.297	4915413	42.420 ug/ml
7) T n-Hexadecane (C16)	9.895	5258059	45.223 ug/ml
8) T n-Octadecane (C18)	11.334	5449605	45.863 ug/ml
10) T n-Eicosane (C20)	12.642	5402008	46.039 ug/ml
11) T n-Heneicosane (C21)	13.252	5361365	45.578 ug/ml
13) T n-Docosane (C22)	13.837	5352609	46.146 ug/ml
14) T n-Tetracosane (C24)	14.937	10543336	90.351 ug/ml
15) T n-Hexacosane (C26)	15.956	5249081	47.370 ug/ml
16) T n-Octacosane (C28)	16.900	5136297	47.879 ug/ml
17) T n-Tricontane (C30)	17.788	4983847	46.755 ug/ml
18) T n-Dotriacontane (C32)	18.615	4625066	44.407 ug/ml
19) T n-Tetratriacontane (C34)	19.394	4130010	41.098 ug/mlm
20) T n-Hexatriacontane (C36)	20.131	3428299	35.628 ug/mlm
21) T n-Octatriacontane (C38)	20.869	2734173	29.133 ug/ml
22) T n-Tetracontane (C40)	21.789	2743266	28.454 ug/mlm

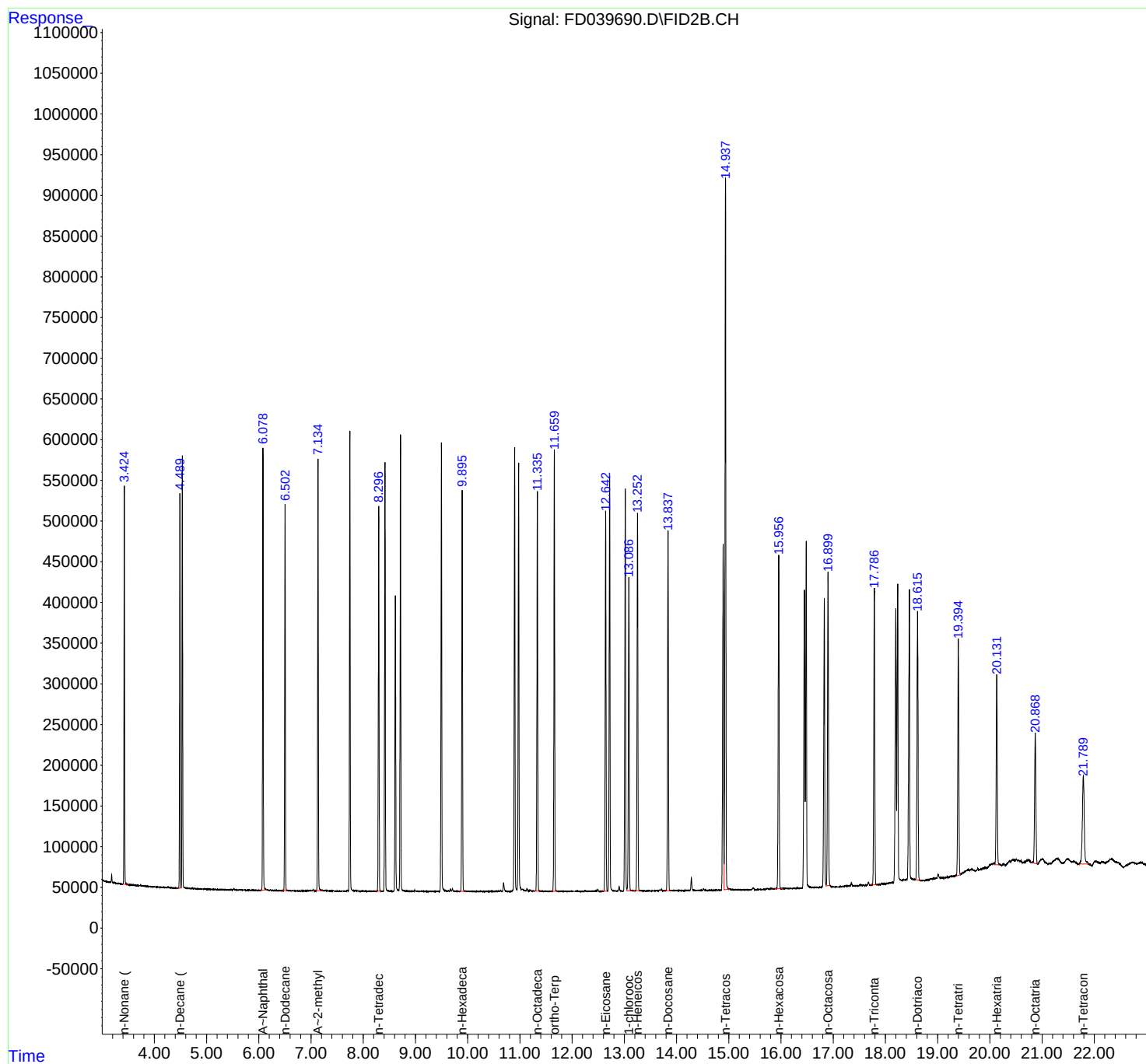
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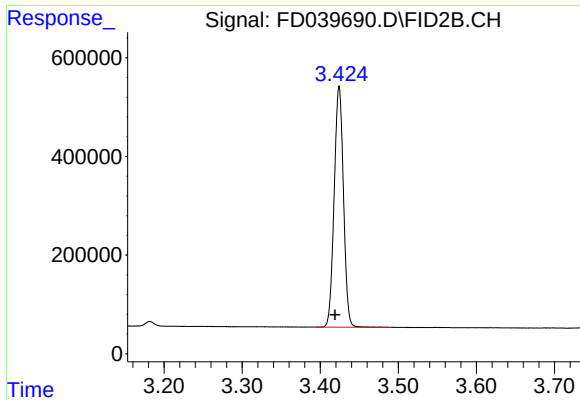
(m)=manual int.

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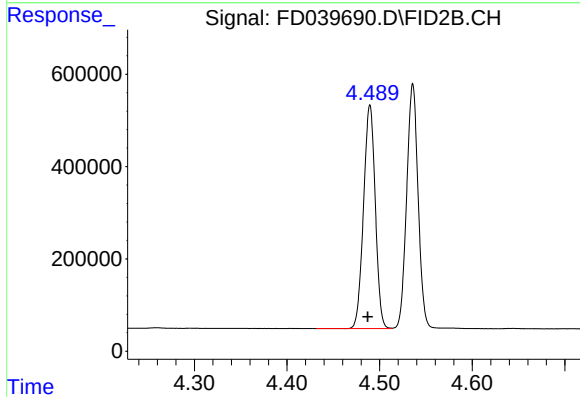
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Signal Info : 20M x 0.18mm x 0.18um





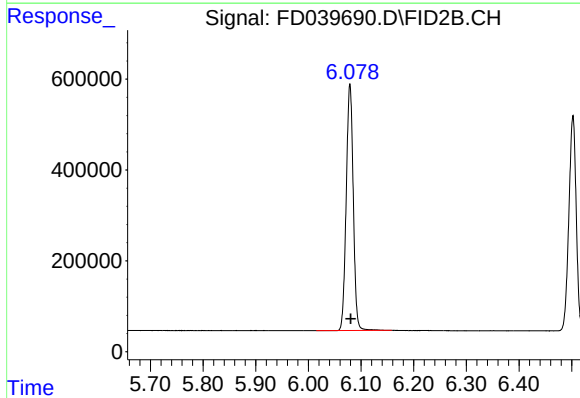
#1 n-Nonane (C9)

R.T.: 3.424 min
Delta R.T.: 0.005 min
Response: 4041961
Conc: 35.38 ug/ml



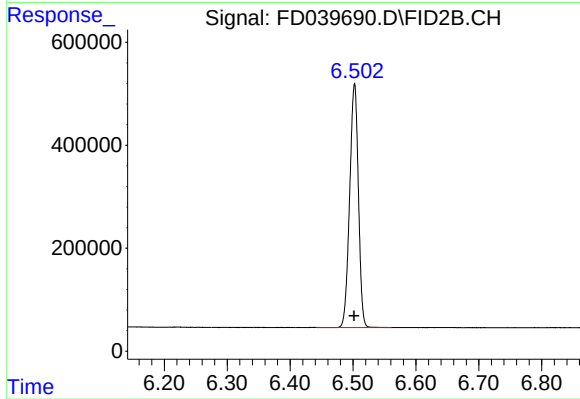
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 4260150
Conc: 37.04 ug/ml



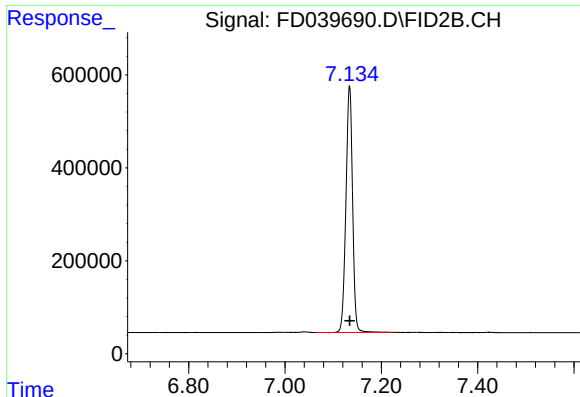
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 5031153
Conc: 39.54 ug/ml



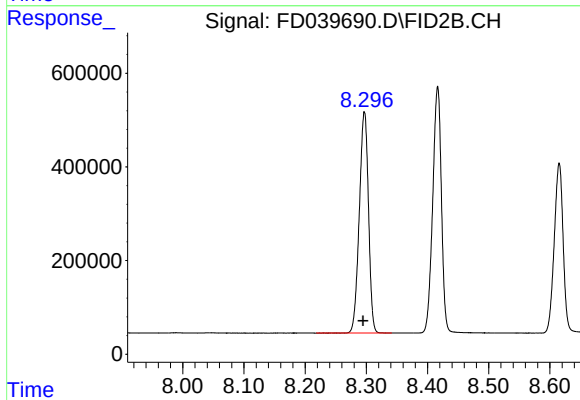
#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 4560778
Conc: 39.61 ug/ml



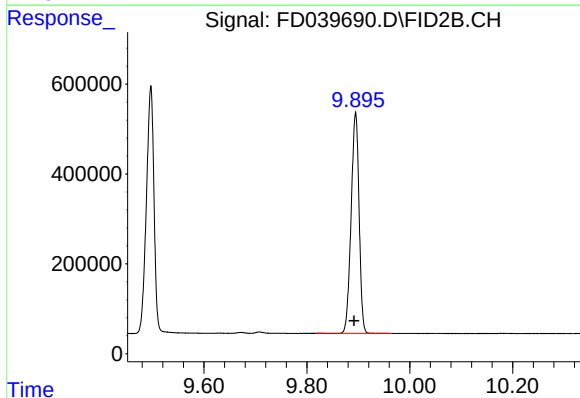
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 5087486
Conc: 39.95 ug/ml



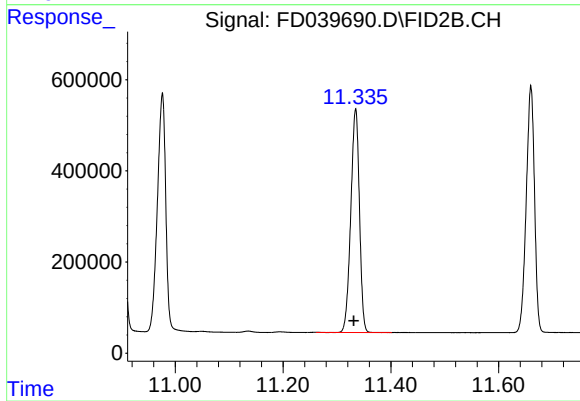
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 4915413
Conc: 42.42 ug/ml



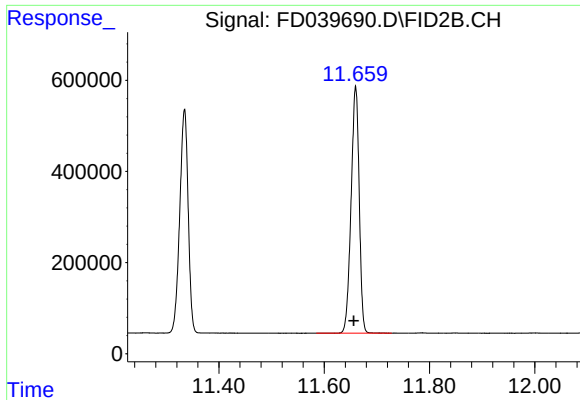
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.002 min
Response: 5258059
Conc: 45.22 ug/ml



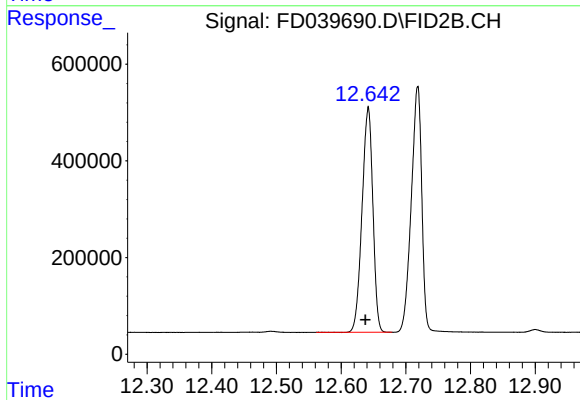
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: 0.003 min
Response: 5449605
Conc: 45.86 ug/ml



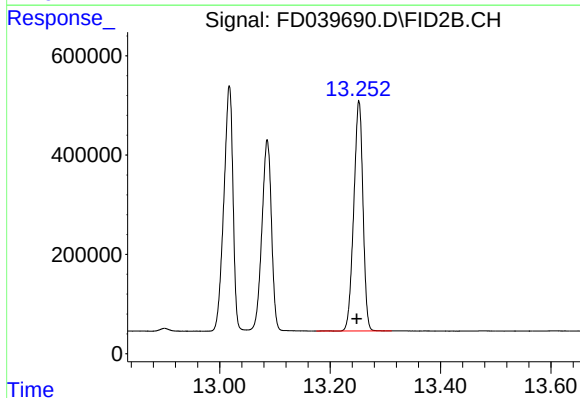
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: 0.004 min
Response: 5769514
Conc: 45.29 ug/ml



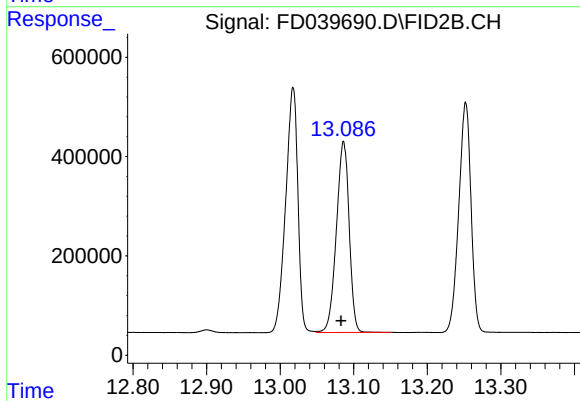
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.004 min
Response: 5402008
Conc: 46.04 ug/ml



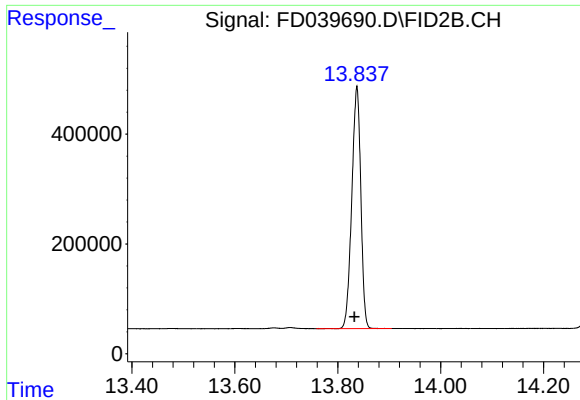
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: 0.004 min
Response: 5361365
Conc: 45.58 ug/ml



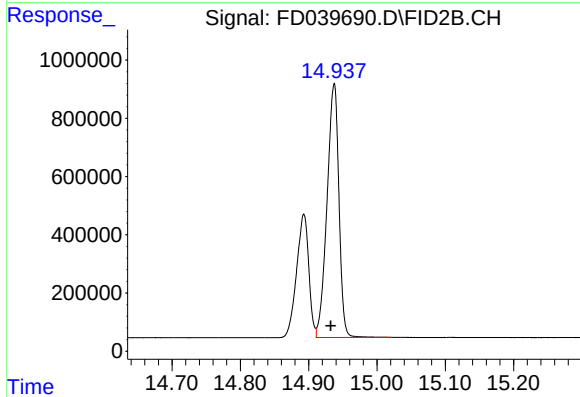
#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: 0.003 min
Response: 4651277
Conc: 47.28 ug/ml



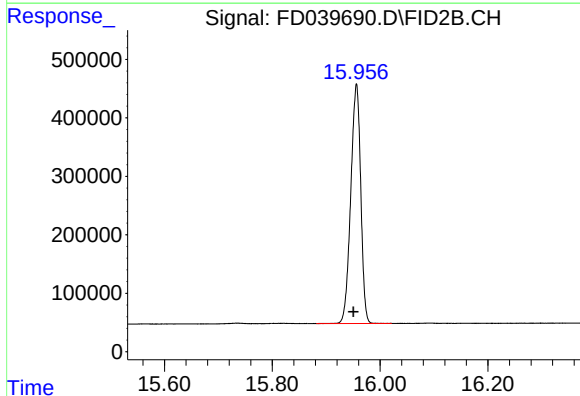
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: 0.005 min
Response: 5352609
Conc: 46.15 ug/ml



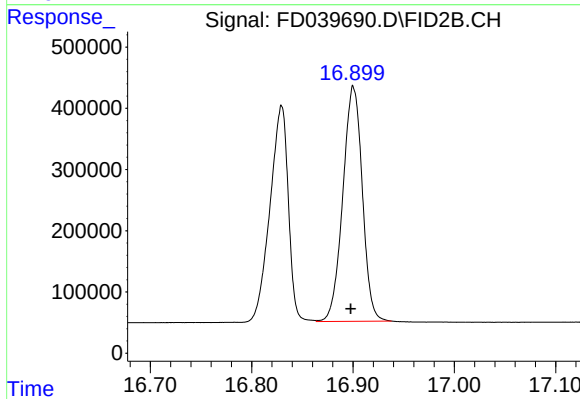
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.004 min
Response: 10543336
Conc: 90.35 ug/ml



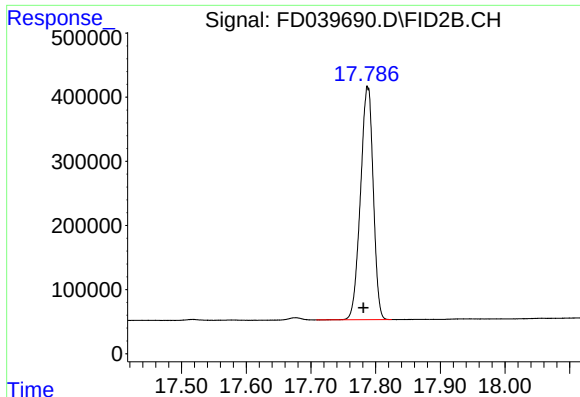
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.005 min
Response: 5249081
Conc: 47.37 ug/ml



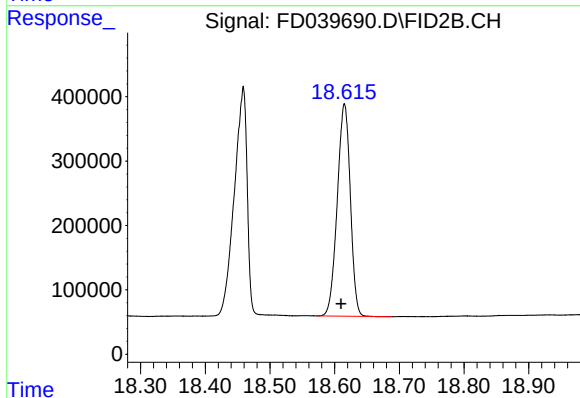
#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: 0.003 min
Response: 5136297
Conc: 47.88 ug/ml



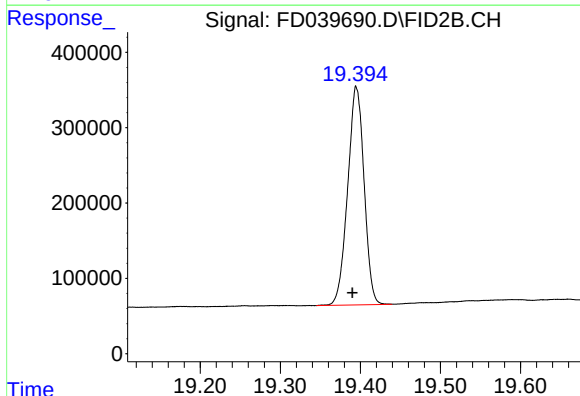
#17 n-Tricontane (C30)

R.T.: 17.788 min
Delta R.T.: 0.007 min
Response: 4983847
Conc: 46.75 ug/ml



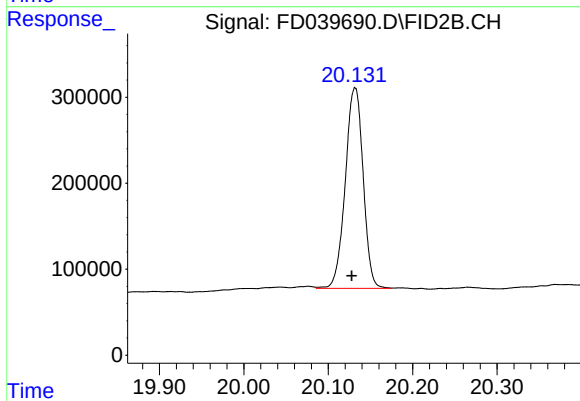
#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: 0.005 min
Response: 4625066
Conc: 44.41 ug/ml



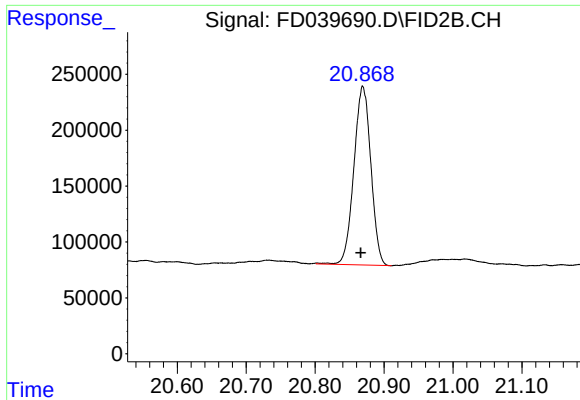
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.004 min
Response: 4130010
Conc: 41.10 ug/ml m



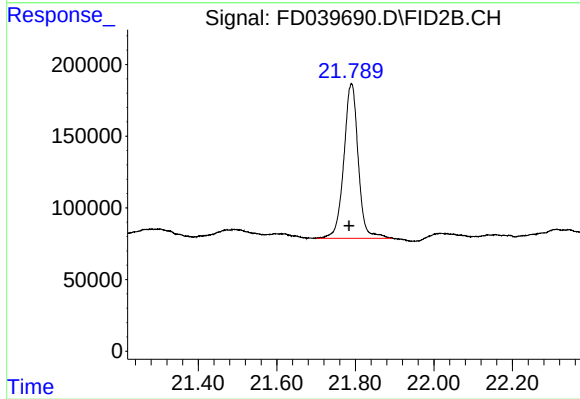
#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: 0.003 min
Response: 3428299
Conc: 35.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: 0.003 min
Response: 2734173
Conc: 29.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: 0.005 min
Response: 2743266
Conc: 28.45 ug/ml m