

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032223AL\
 Data File : FD045310.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2023 16:13
 Operator : YP/AJ
 Sample : PB151596BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB151596BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/23/2023

Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e

Quant Time: Mar 23 00:22:13 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 031523.M

Quant Title : GC Extractables

QLast Update : Thu Mar 16 04:53:16 2023

Response via : Initial Calibration

Integrator: ChemStation

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)	11.446	6287660	40.607 ug/ml
Spiked Amount 50.000		Recovery =	81.21%
12) S 1-chlorooctadecane (S...	12.879	4828106	43.072 ug/ml
Spiked Amount 50.000		Recovery =	86.14%
Target Compounds			
1) T n-Nonane (C9)	3.261	4778083	34.800 ug/ml
2) T n-Decane (C10)	4.319	5047533	37.317 ug/ml
3) T A~Naphthalene (C11.7)	5.886	6117190	39.044 ug/ml
4) T n-Dodecane (C12)	6.325	5636050	41.171 ug/ml
5) T A~2-methylnaphthalene...	6.936	6159500	42.043 ug/ml
6) T n-Tetradecane (C14)	8.113	6018590	43.730 ug/ml
7) T n-Hexadecane (C16)	9.704	6346382	45.049 ug/ml
8) T n-Octadecane (C18)	11.138	6509688	45.706 ug/ml
10) T n-Eicosane (C20)	12.440	6243923	45.798 ug/ml
11) T n-Heneicosane (C21)	13.048	6107500	44.753 ug/ml
13) T n-Docosane (C22)	13.631	6060787	45.210 ug/ml
14) T n-Tetracosane (C24)	14.726	5857600	45.007 ug/mlm
15) T n-Hexacosane (C26)	15.741	5678784	45.429 ug/ml
16) T n-Octacosane (C28)	16.682	5545205	45.624 ug/ml
17) T n-Tricontane (C30)	17.564	5300424	44.655 ug/ml
18) T n-Dotriacontane (C32)	18.390	5268777	44.708 ug/ml
19) T n-Tetratriacontane (C34)	19.168	5118404	44.504 ug/ml
20) T n-Hexatriacontane (C36)	19.901	4706791	43.751 ug/ml
21) T n-Octatriacontane (C38)	20.606	4323413	41.643 ug/ml
22) T n-Tetracontane (C40)	21.440	3641307	36.794 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Mar 16 04:53:16 2023

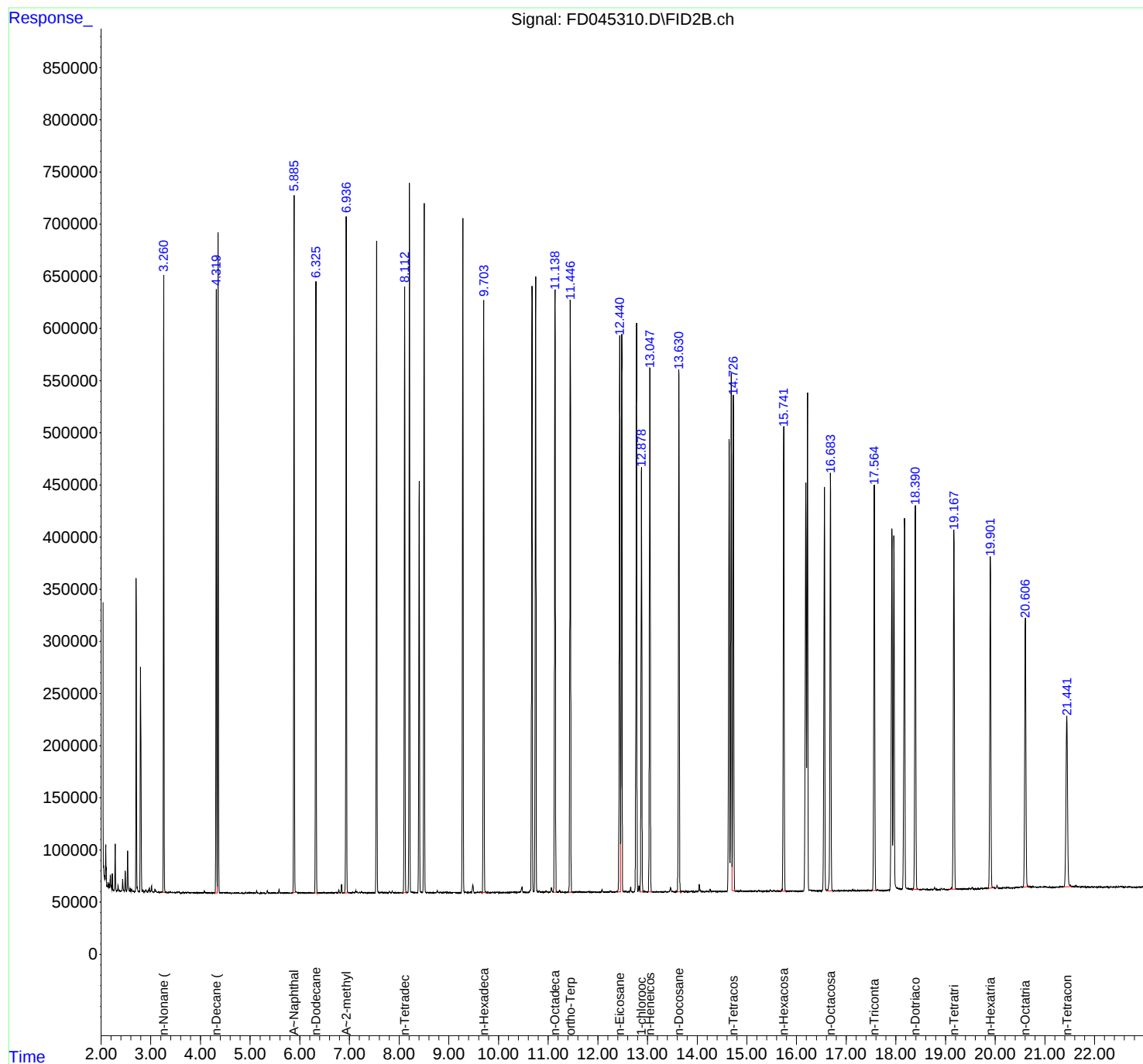
Response via : Initial Calibration

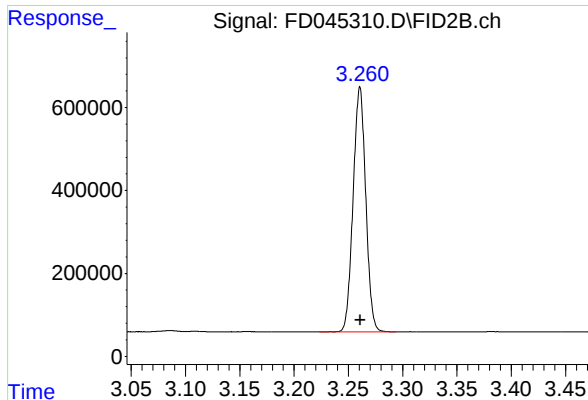
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





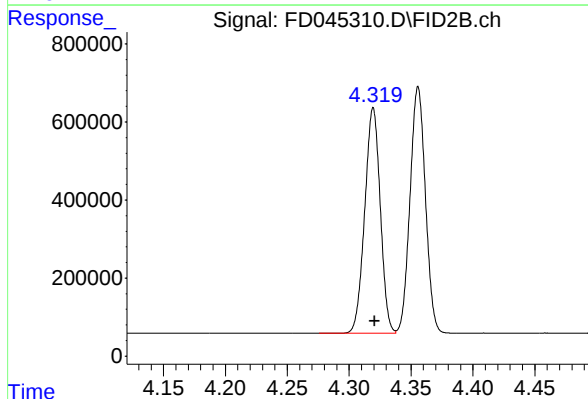
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 4778083
Conc: 34.80 ug/ml

Instrument :
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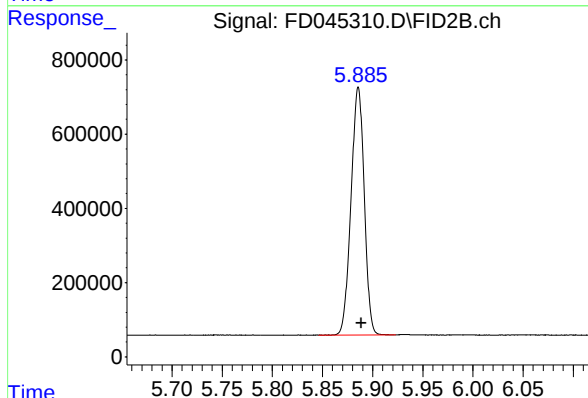
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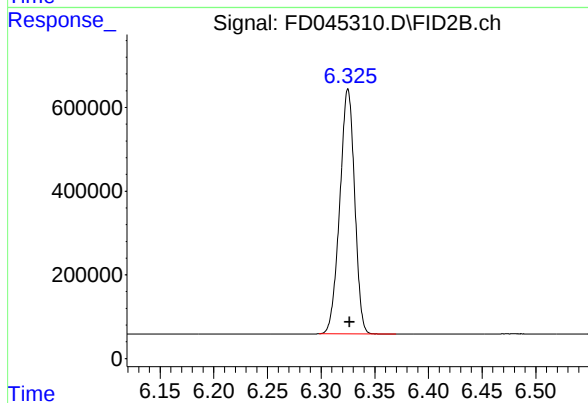
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.001 min
Response: 5047533
Conc: 37.32 ug/ml



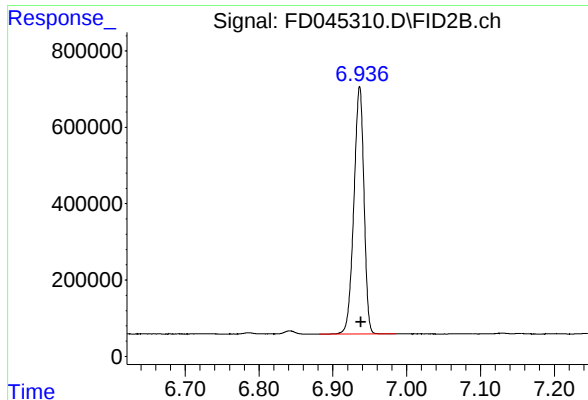
#3 A~Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 6117190
Conc: 39.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 5636050
Conc: 41.17 ug/ml



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

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 6159500
Conc: 42.04 ug/ml

Instrument :

FID_D

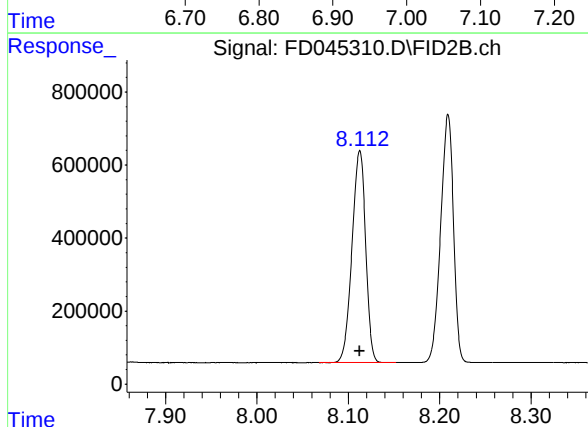
ClientSampleId :

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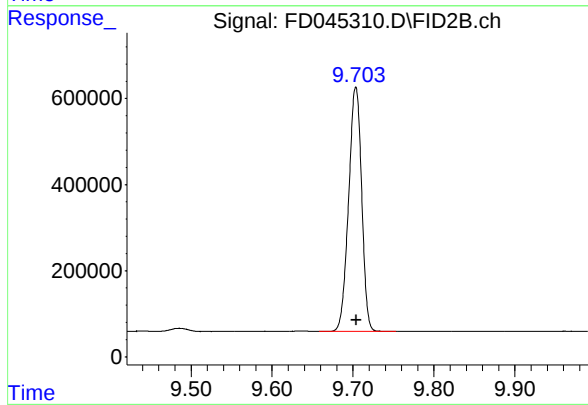
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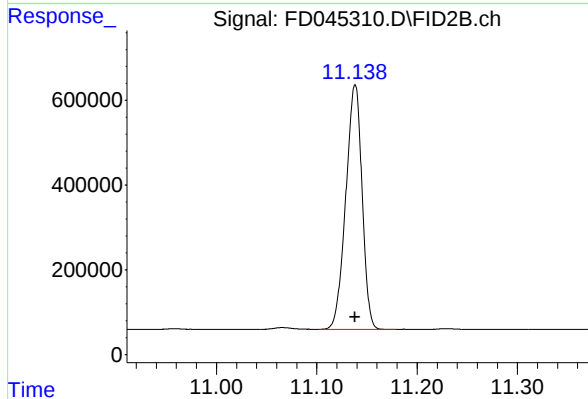
#6 n-Tetradecane (C14)

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 6018590
Conc: 43.73 ug/ml



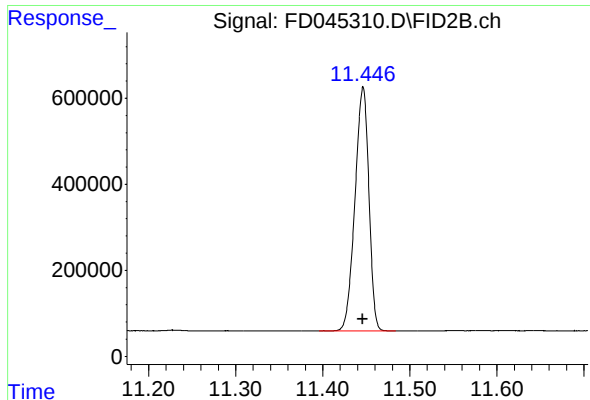
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: 0.000 min
Response: 6346382
Conc: 45.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 6509688
Conc: 45.71 ug/ml



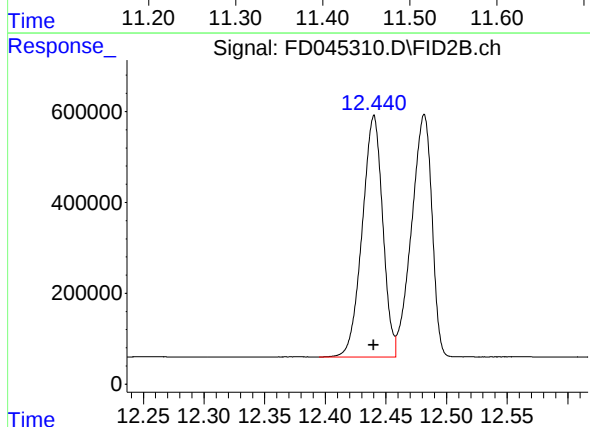
#9 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: 0.000 min
Response: 6287660
Conc: 40.61 ug/ml

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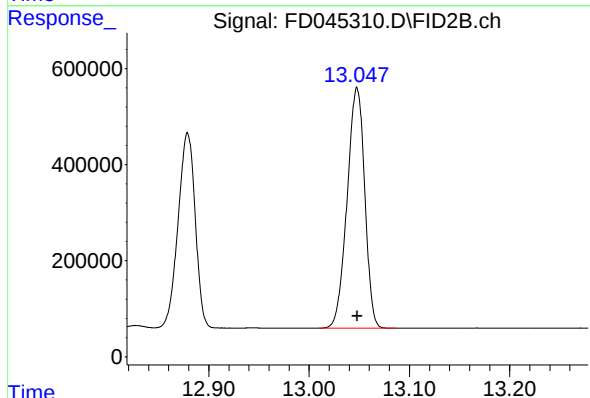
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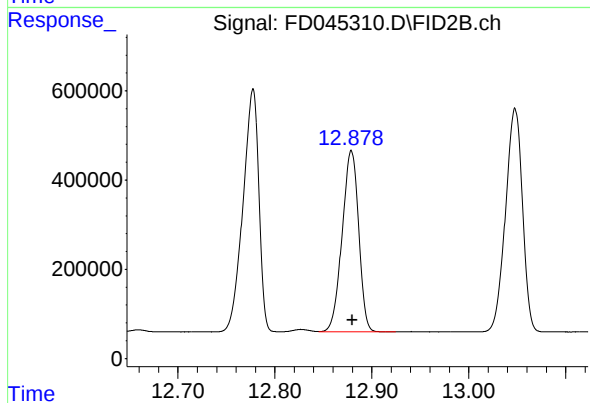
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: 0.000 min
Response: 6243923
Conc: 45.80 ug/ml



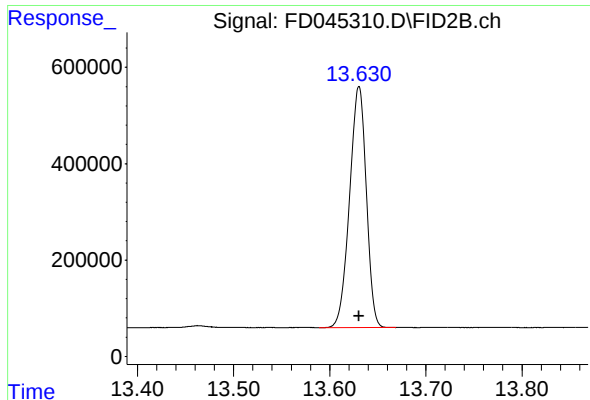
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 6107500
Conc: 44.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.879 min
Delta R.T.: -0.001 min
Response: 4828106
Conc: 43.07 ug/ml



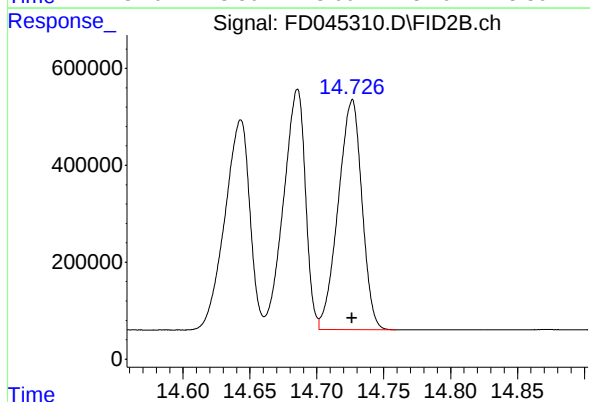
#13 n-Docosane (C22)

R.T.: 13.631 min
Delta R.T.: 0.000 min
Response: 6060787
Conc: 45.21 ug/ml

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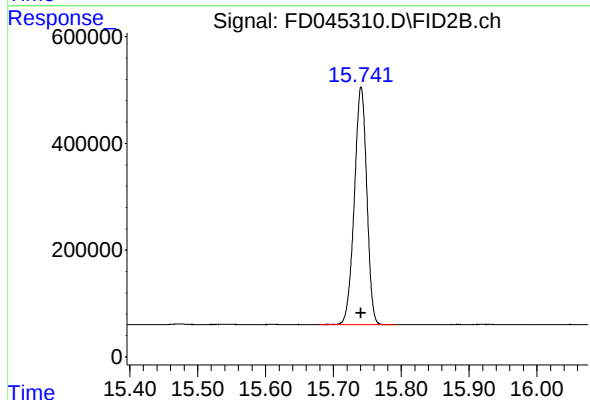
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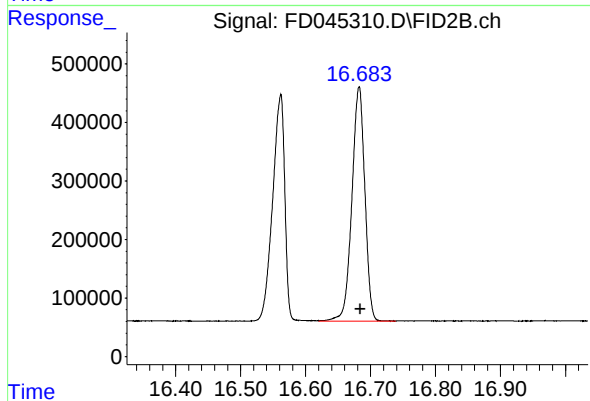
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: 0.000 min
Response: 5857600
Conc: 45.01 ug/ml



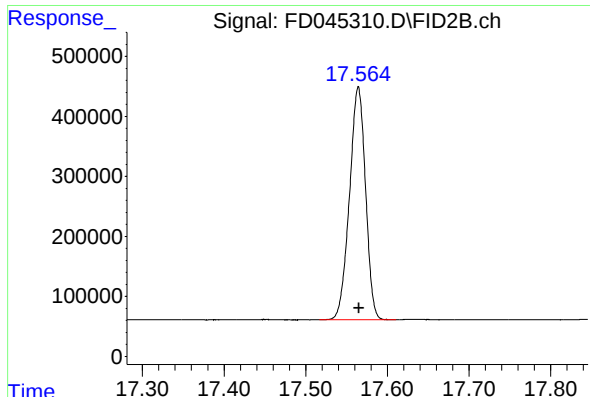
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 5678784
Conc: 45.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.682 min
Delta R.T.: -0.002 min
Response: 5545205
Conc: 45.62 ug/ml



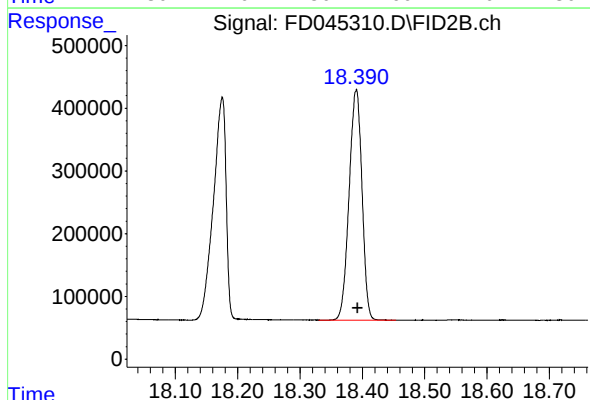
#17 n-Tricontane (C30)

R.T.: 17.564 min
Delta R.T.: 0.000 min
Response: 5300424
Conc: 44.65 ug/ml

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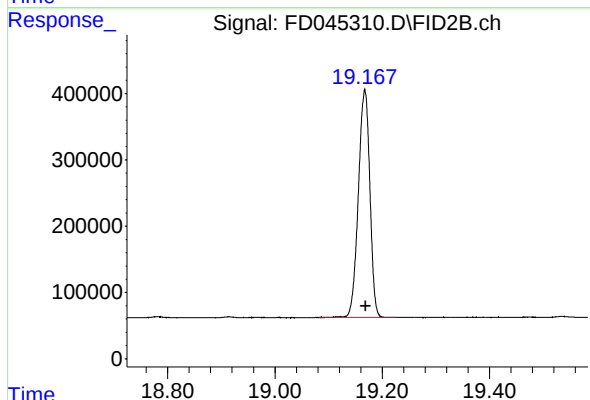
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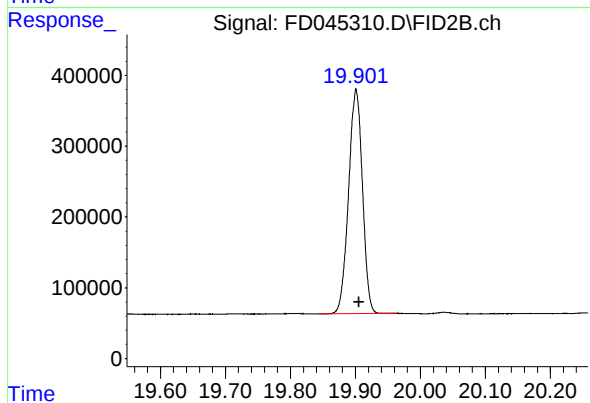
#18 n-Dotriacontane (C32)

R.T.: 18.390 min
Delta R.T.: -0.002 min
Response: 5268777
Conc: 44.71 ug/ml



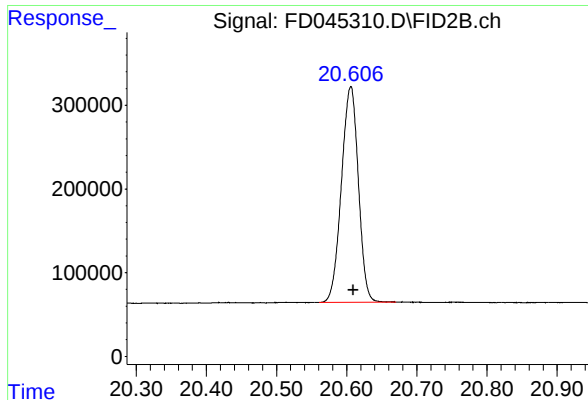
#19 n-Tetatriacontane (C34)

R.T.: 19.168 min
Delta R.T.: -0.002 min
Response: 5118404
Conc: 44.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.901 min
Delta R.T.: -0.005 min
Response: 4706791
Conc: 43.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.004 min
Response: 4323413
Conc: 41.64 ug/ml

Instrument :

FID_D

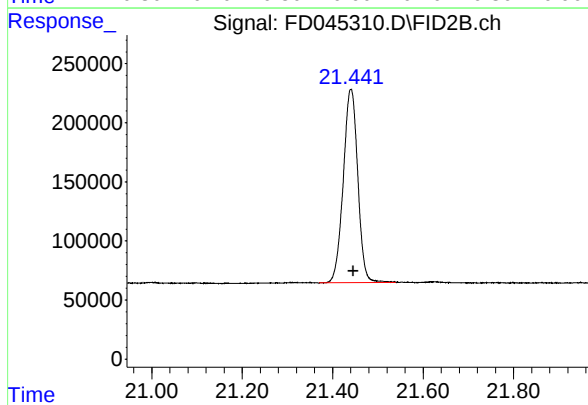
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#22 n-Tetracontane (C40)

R.T.: 21.440 min
Delta R.T.: -0.005 min
Response: 3641307
Conc: 36.79 ug/ml