

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032223AL\  
 Data File : FD045311.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Mar 2023 17:22  
 Operator : YP/AJ  
 Sample : PB151596BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB151596BSD

**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 00:22:20 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 | 6235724    | 40.272 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.54%        |
| 12) S 1-chlorooctadecane (S... | 12.879 | 4810270    | 42.913 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 85.83%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.263  | 4697422    | 34.213 ug/ml  |
| 2) T n-Decane (C10)            | 4.321  | 4968545    | 36.734 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.886  | 6032738    | 38.505 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.325  | 5553628    | 40.569 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.936  | 6081644    | 41.512 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.113  | 5943861    | 43.187 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.704  | 6280082    | 44.579 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.138 | 6453974    | 45.315 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.440 | 6229103    | 45.689 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.048 | 6083110    | 44.574 ug/ml  |
| 13) T n-Docosane (C22)         | 13.631 | 6040527    | 45.058 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.725 | 5881892    | 45.194 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.742 | 5668036    | 45.343 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.683 | 5518271    | 45.403 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.565 | 5298976    | 44.642 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.392 | 5260397    | 44.636 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.169 | 5130700    | 44.611 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.903 | 4754738    | 44.197 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.608 | 4512803    | 43.467 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.443 | 4099069    | 41.419 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Data File : FD045311.D  
Signal(s) : FID2B.ch  
Acq On : 22 Mar 2023 17:22  
Operator : YP/AJ  
Sample : PB151596BSD  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

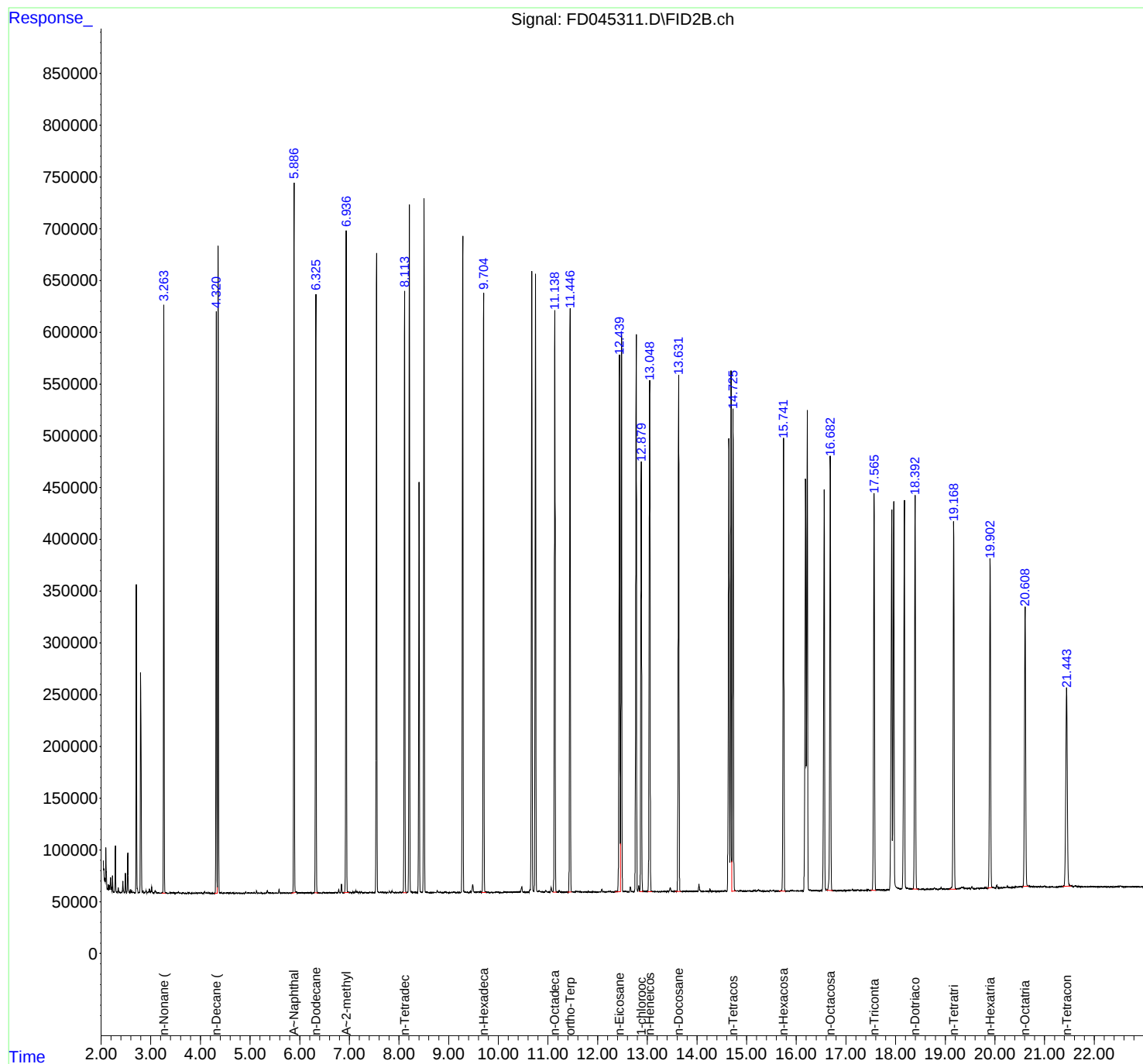
Instrument :  
FID\_D  
ClientSampleId :  
PB151596BSD

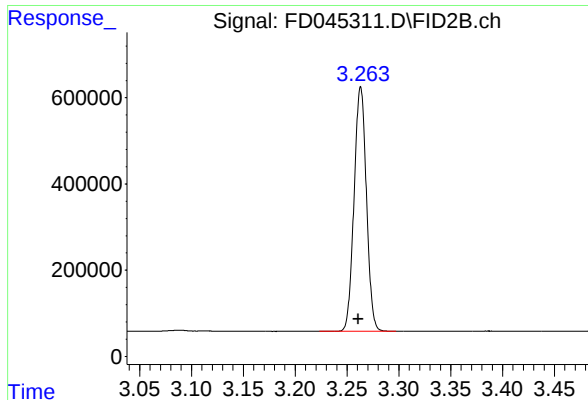
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e  
Quant Time: Mar 23 00:22:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 031523.  
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





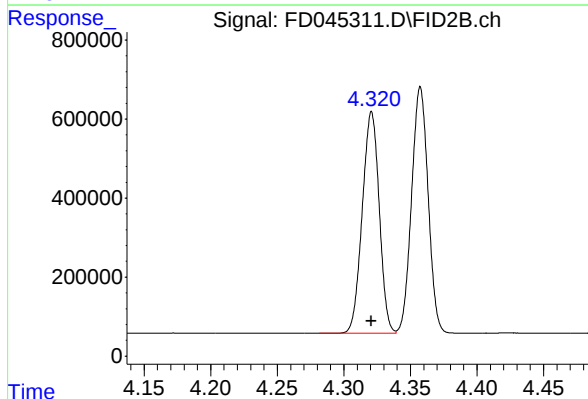
#1 n-Nonane (C9)

R.T.: 3.263 min  
Delta R.T.: 0.002 min  
Response: 4697422  
Conc: 34.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB151596BSD

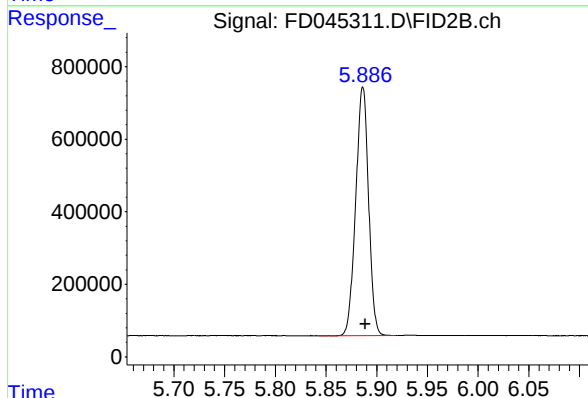
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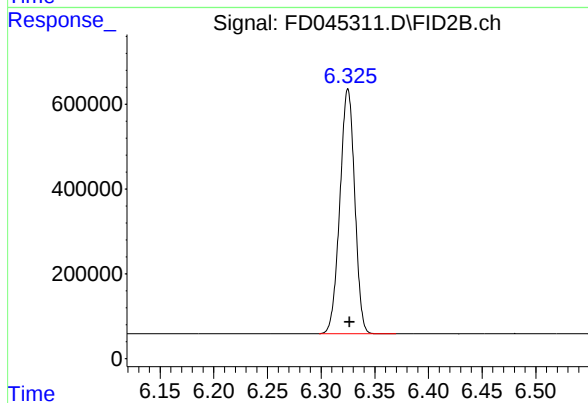
#2 n-Decane (C10)

R.T.: 4.321 min  
Delta R.T.: 0.000 min  
Response: 4968545  
Conc: 36.73 ug/ml



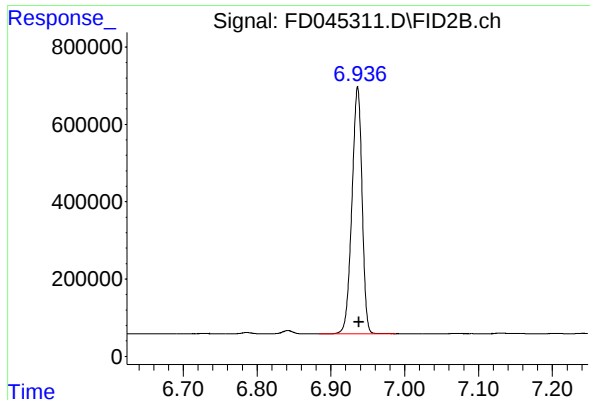
#3 A~Naphthalene (C11.7)

R.T.: 5.886 min  
Delta R.T.: -0.002 min  
Response: 6032738  
Conc: 38.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 5553628  
Conc: 40.57 ug/ml



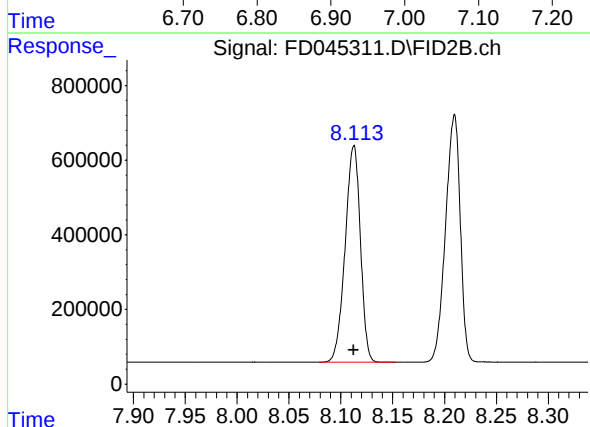
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.936 min  
Delta R.T.: -0.002 min  
Response: 6081644  
Conc: 41.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB151596BSD

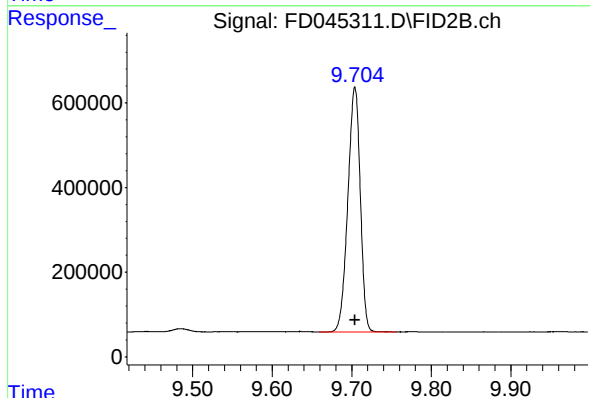
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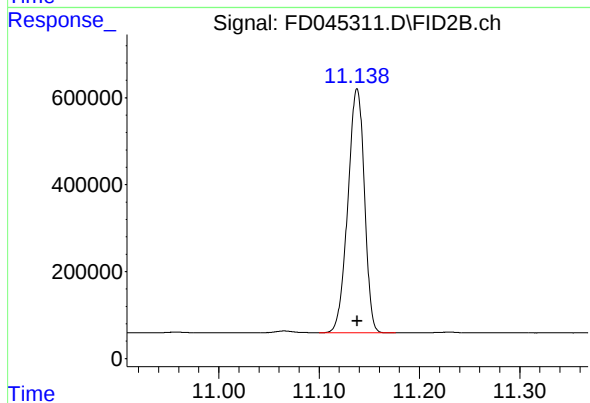
#6 n-Tetradecane (C14)

R.T.: 8.113 min  
Delta R.T.: 0.000 min  
Response: 5943861  
Conc: 43.19 ug/ml



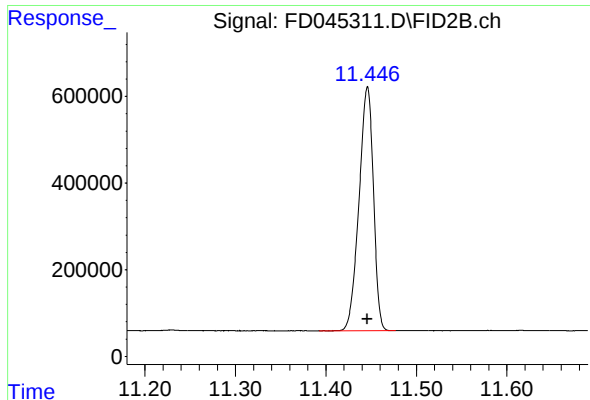
#7 n-Hexadecane (C16)

R.T.: 9.704 min  
Delta R.T.: 0.000 min  
Response: 6280082  
Conc: 44.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.138 min  
Delta R.T.: 0.000 min  
Response: 6453974  
Conc: 45.31 ug/ml



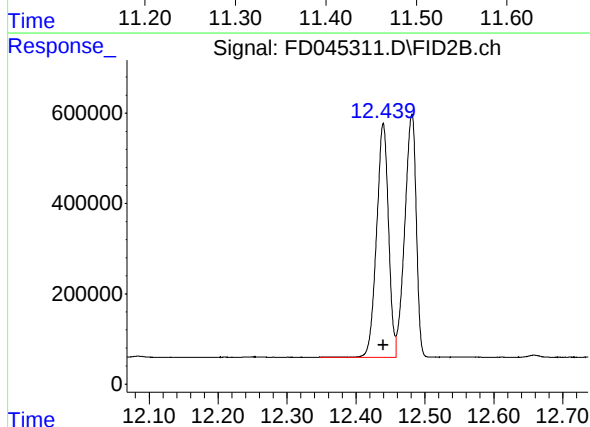
#9 ortho-Terphenyl (SURR)

R.T.: 11.446 min  
Delta R.T.: 0.000 min  
Response: 6235724  
Conc: 40.27 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB151596BSD

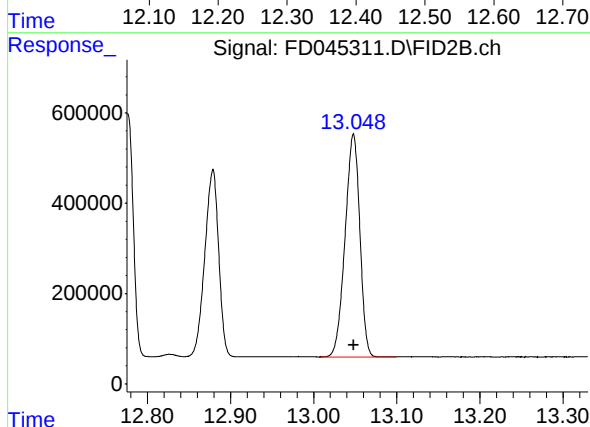
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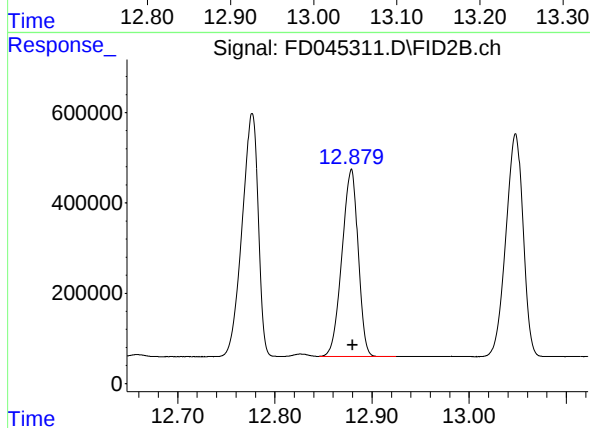
#10 n-Eicosane (C20)

R.T.: 12.440 min  
Delta R.T.: 0.000 min  
Response: 6229103  
Conc: 45.69 ug/ml



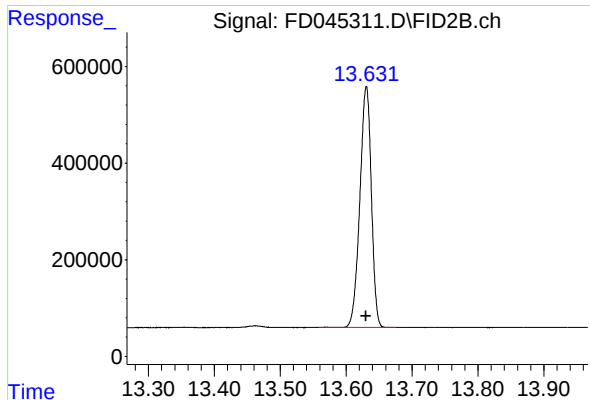
#11 n-Heneicosane (C21)

R.T.: 13.048 min  
Delta R.T.: 0.000 min  
Response: 6083110  
Conc: 44.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.879 min  
Delta R.T.: -0.001 min  
Response: 4810270  
Conc: 42.91 ug/ml



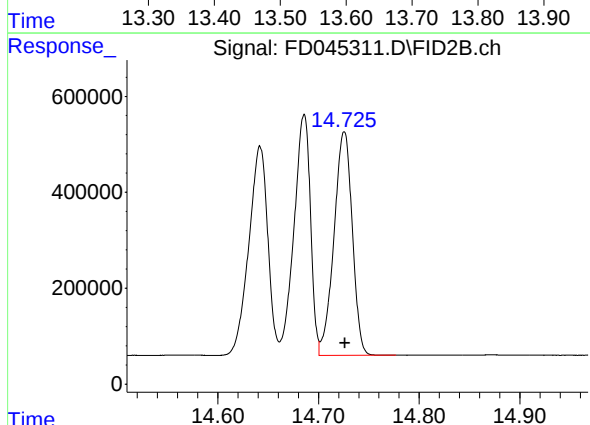
#13 n-Docosane (C22)

R.T.: 13.631 min  
Delta R.T.: 0.000 min  
Response: 6040527  
Conc: 45.06 ug/ml

Instrument :  
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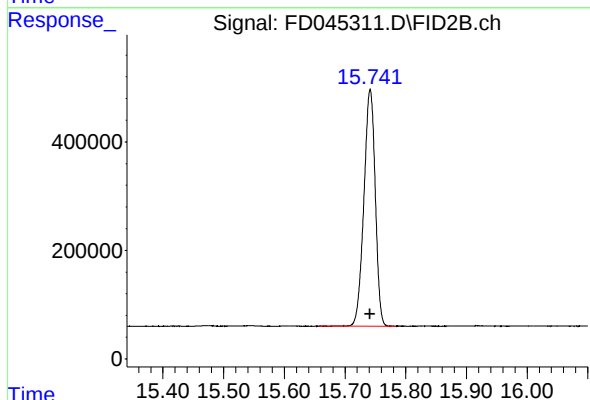
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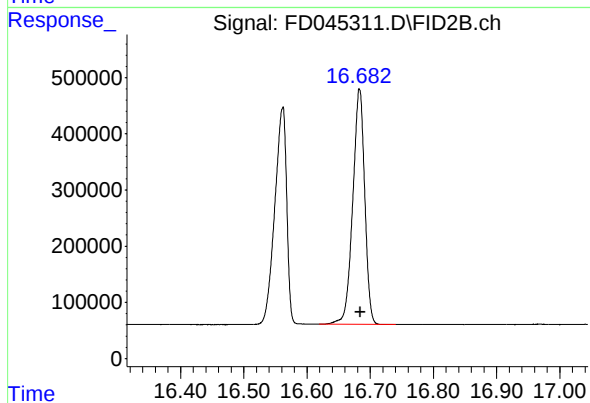
#14 n-Tetracosane (C24)

R.T.: 14.725 min  
Delta R.T.: 0.000 min  
Response: 5881892  
Conc: 45.19 ug/ml m



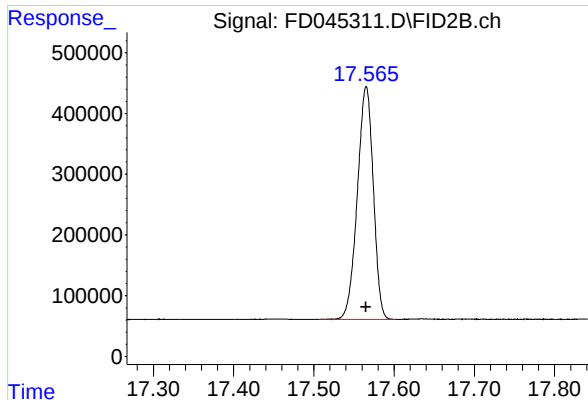
#15 n-Hexacosane (C26)

R.T.: 15.742 min  
Delta R.T.: 0.000 min  
Response: 5668036  
Conc: 45.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.683 min  
Delta R.T.: -0.001 min  
Response: 5518271  
Conc: 45.40 ug/ml



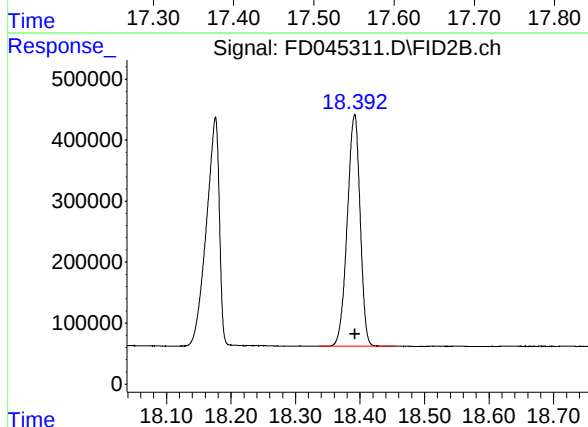
#17 n-Tricontane (C30)

R.T.: 17.565 min  
Delta R.T.: 0.000 min  
Response: 5298976  
Conc: 44.64 ug/ml

Instrument :  
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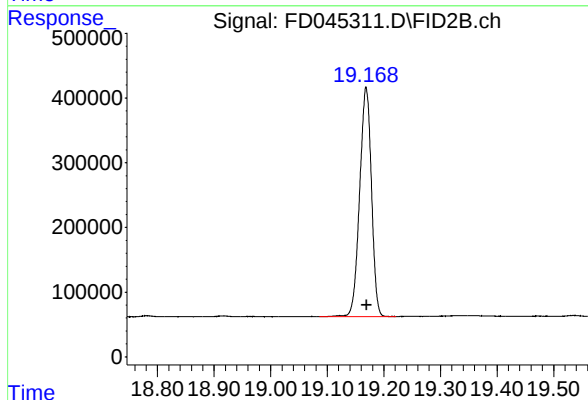
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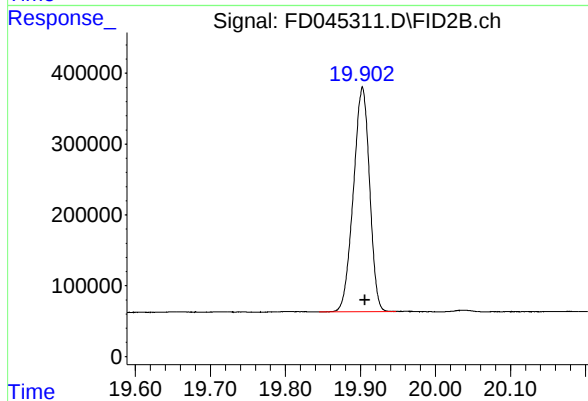
#18 n-Dotriacontane (C32)

R.T.: 18.392 min  
Delta R.T.: 0.000 min  
Response: 5260397  
Conc: 44.64 ug/ml



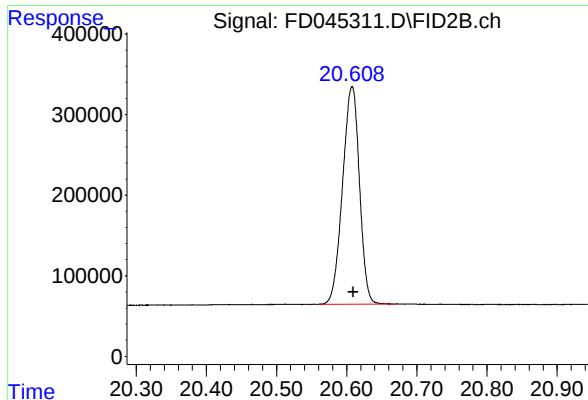
#19 n-Tetratriacontane (C34)

R.T.: 19.169 min  
Delta R.T.: -0.001 min  
Response: 5130700  
Conc: 44.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.903 min  
Delta R.T.: -0.003 min  
Response: 4754738  
Conc: 44.20 ug/ml



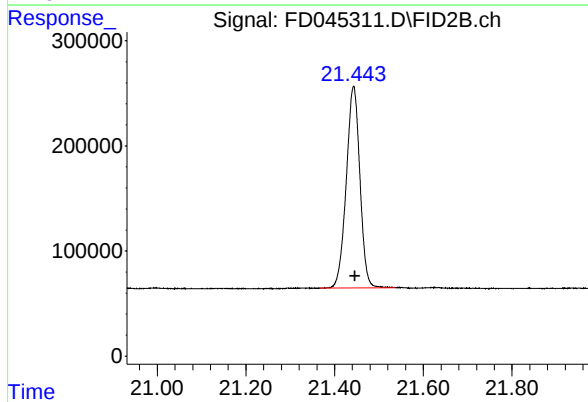
#21 n-Octatriacontane (C38)

R.T.: 20.608 min  
Delta R.T.: -0.002 min  
Response: 4512803  
Conc: 43.47 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.443 min  
Delta R.T.: -0.003 min  
Response: 4099069  
Conc: 41.42 ug/ml