

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030222AL\  
 Data File : FD041355.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Mar 2022 16:08  
 Operator : UA/NP  
 Sample : N1708-11MSD  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PPSP-B19-22.5-23.0MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/03/2022  
 Supervised By :Ankita Jodhani 03/03/2022

Integration File: autoint1.e  
 Quant Time: Mar 03 01:14:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 24 01:21:33 2022  
 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)    | 11.276 | 7097730    | 40.918 ug/mlm  |
| Spiked Amount 50.000           |        | Recovery = | 81.84%         |
| 12) S 1-chlorooctadecane (S... | 12.701 | 4608005    | 34.036 ug/mlm  |
| Spiked Amount 50.000           |        | Recovery = | 68.07%         |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.114  | 5011708    | 34.417 ug/ml   |
| 2) T n-Decane (C10)            | 4.160  | 6332109    | 43.853 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 5.721  | 15534272   | 97.245 ug/mlm  |
| 4) T n-Dodecane (C12)          | 6.163  | 13517173   | 91.268 ug/mlm  |
| 5) T A~2-methylnaphthalene...  | 6.794  | 61139149   | 382.048 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.909  | 23302024   | 155.650 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.539  | 15347721   | 100.817 ug/mlm |
| 8) T n-Octadecane (C18)        | 10.972 | 10665321   | 68.618 ug/mlm  |
| 10) T n-Eicosane (C20)         | 12.267 | 7032766    | 45.301 ug/mlm  |
| 11) T n-Heneicosane (C21)      | 12.871 | 8494938    | 54.251 ug/mlm  |
| 13) T n-Docosane (C22)         | 13.448 | 6573735    | 41.975 ug/mlm  |
| 14) T n-Tetracosane (C24)      | 14.539 | 6021325    | 38.388 ug/mlm  |
| 15) T n-Hexacosane (C26)       | 15.555 | 5858628    | 38.131 ug/mlm  |
| 16) T n-Octacosane (C28)       | 16.498 | 5688816    | 38.224 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.382 | 5325714    | 37.851 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.209 | 5051232    | 39.703 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 18.990 | 4985143    | 43.769 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 19.727 | 4938164    | 48.180 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 20.422 | 4821005    | 50.777 ug/mlm  |
| 22) T n-Tetracontane (C40)     | 21.214 | 4899633    | 51.699 ug/ml   |
| -----                          |        |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP  
Sample : N1708-11MSD  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

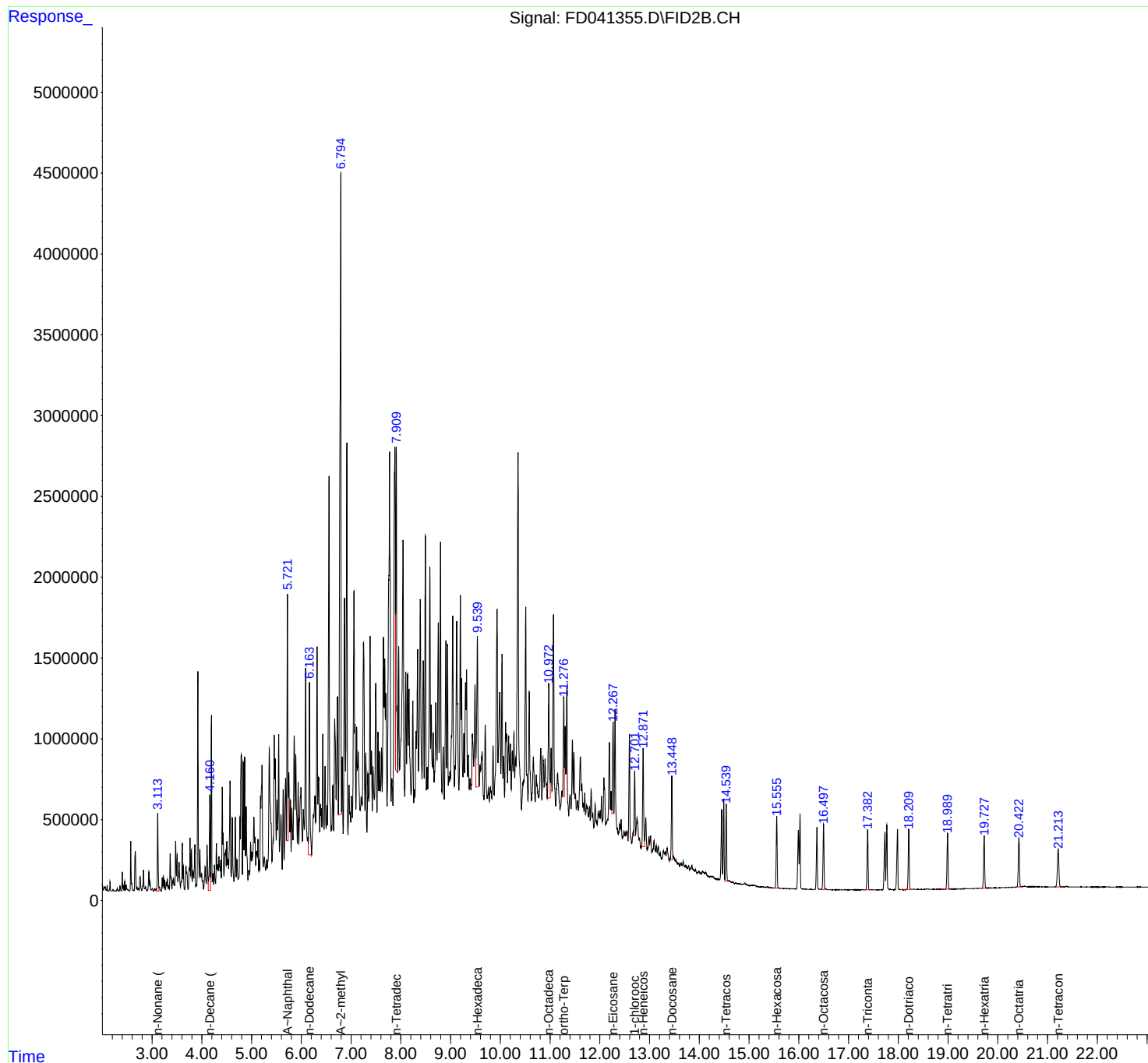
Instrument :  
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ClientSampleId :  
PPSP-B19-22.5-23.0MSD

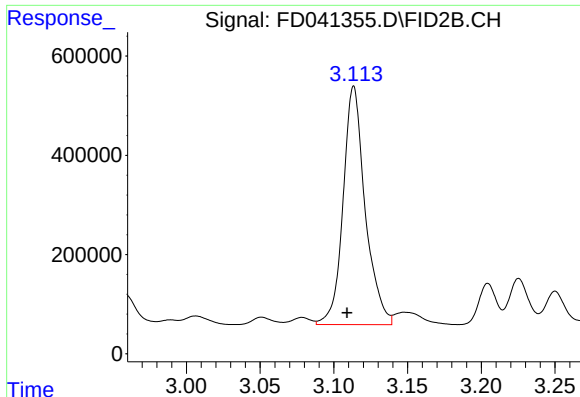
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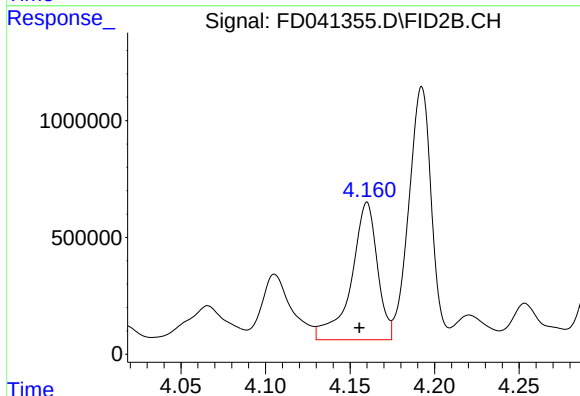
#1 n-Nonane (C9)

R.T.: 3.114 min  
Delta R.T.: 0.005 min  
Response: 5011708  
Conc: 34.42 ug/ml

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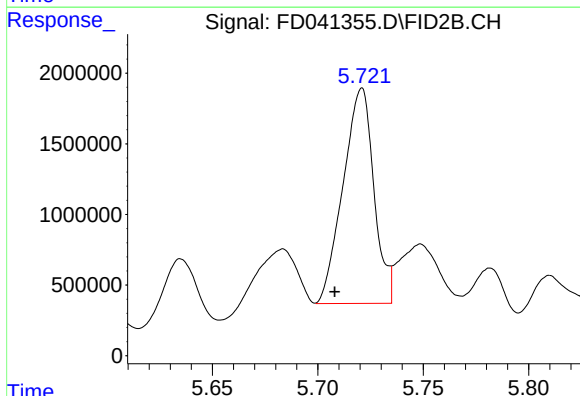
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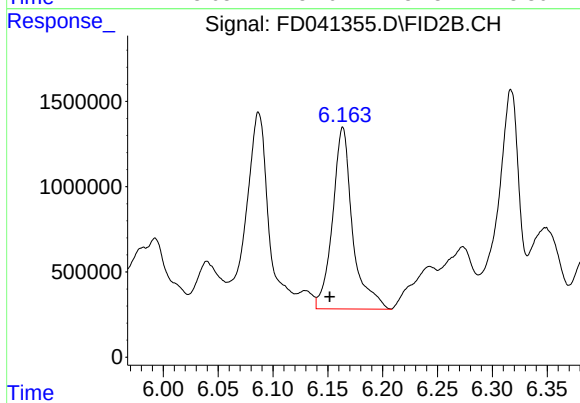
#2 n-Decane (C10)

R.T.: 4.160 min  
Delta R.T.: 0.004 min  
Response: 6332109  
Conc: 43.85 ug/ml



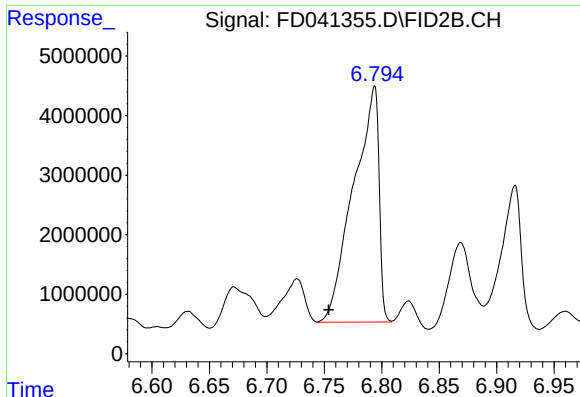
#3 A~Naphthalene (C11.7)

R.T.: 5.721 min  
Delta R.T.: 0.013 min  
Response: 15534272  
Conc: 97.24 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.163 min  
Delta R.T.: 0.011 min  
Response: 13517173  
Conc: 91.27 ug/ml m



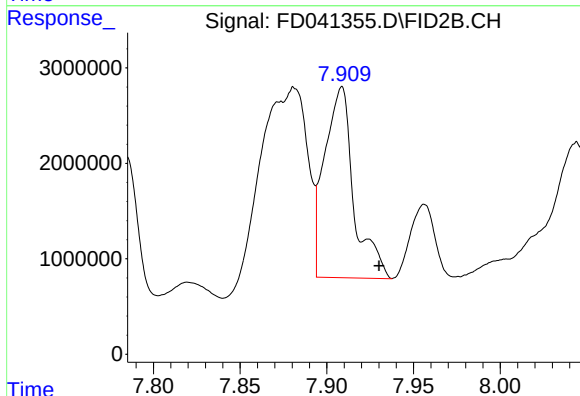
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.794 min  
Delta R.T.: 0.040 min  
Response: 61139149  
Conc: 382.05 ug/ml

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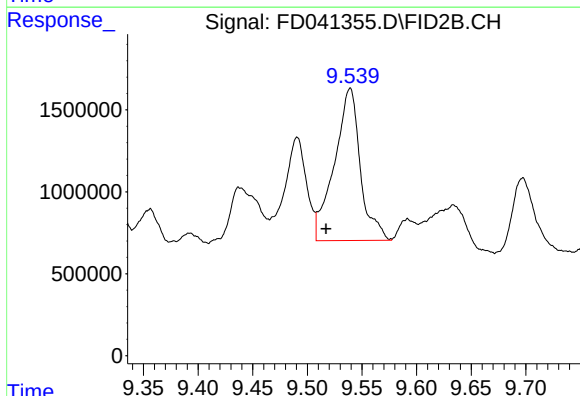
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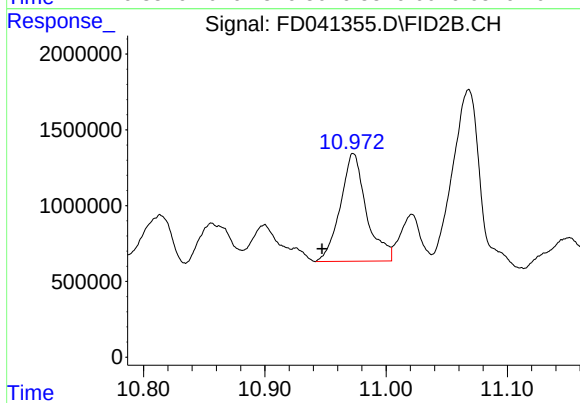
#6 n-Tetradecane (C14)

R.T.: 7.909 min  
Delta R.T.: -0.022 min  
Response: 23302024  
Conc: 155.65 ug/ml m



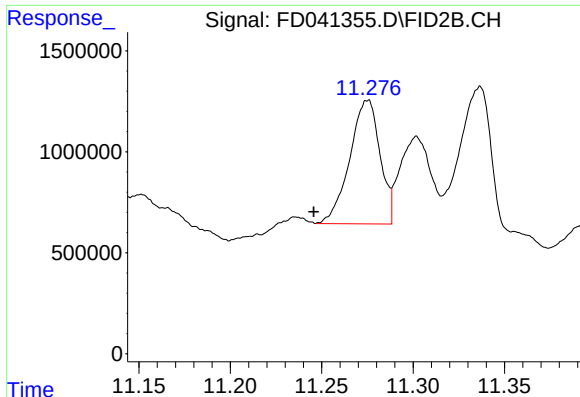
#7 n-Hexadecane (C16)

R.T.: 9.539 min  
Delta R.T.: 0.022 min  
Response: 15347721  
Conc: 100.82 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.972 min  
Delta R.T.: 0.025 min  
Response: 10665321  
Conc: 68.62 ug/ml m



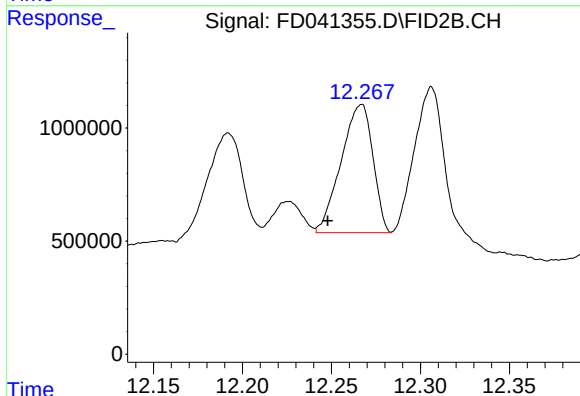
#9 ortho-Terphenyl (SURR)

R.T.: 11.276 min  
Delta R.T.: 0.030 min  
Response: 7097730  
Conc: 40.92 ug/ml

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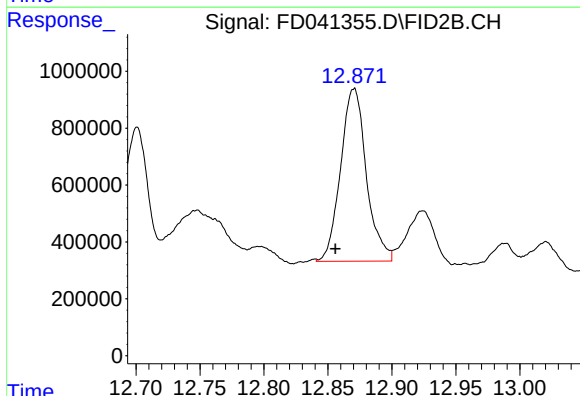
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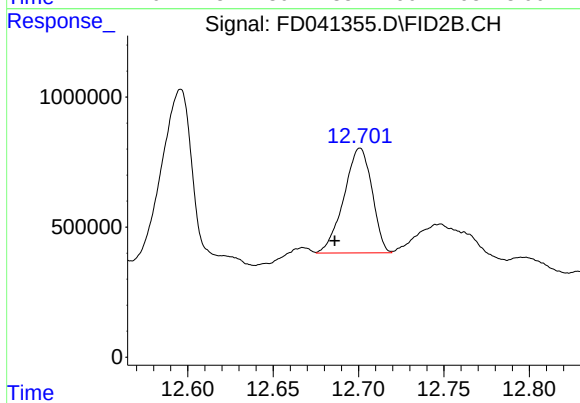
#10 n-Eicosane (C20)

R.T.: 12.267 min  
Delta R.T.: 0.020 min  
Response: 7032766  
Conc: 45.30 ug/ml m



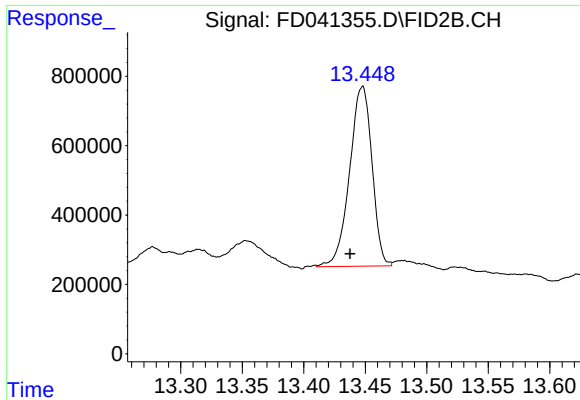
#11 n-Heneicosane (C21)

R.T.: 12.871 min  
Delta R.T.: 0.015 min  
Response: 8494938  
Conc: 54.25 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.701 min  
Delta R.T.: 0.015 min  
Response: 4608005  
Conc: 34.04 ug/ml m



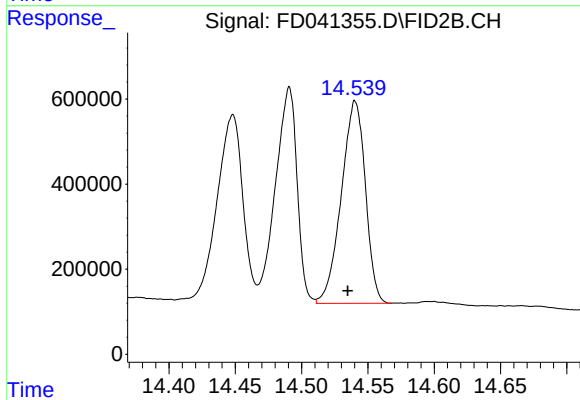
#13 n-Docosane (C22)

R.T.: 13.448 min  
Delta R.T.: 0.010 min  
Response: 6573735  
Conc: 41.97 ug/ml

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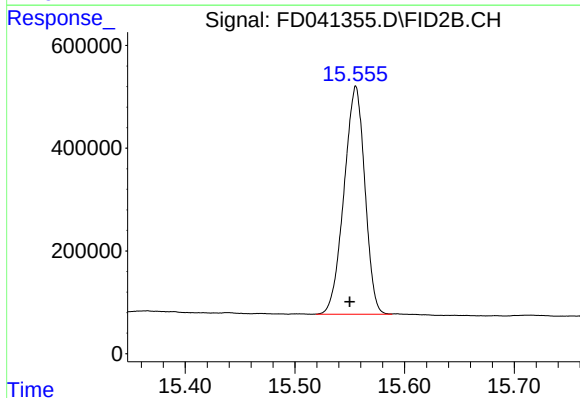
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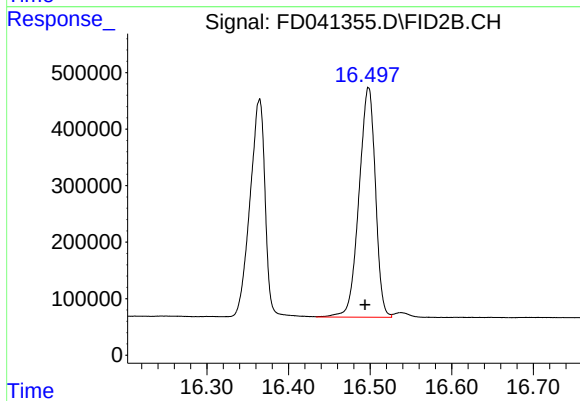
#14 n-Tetracosane (C24)

R.T.: 14.539 min  
Delta R.T.: 0.005 min  
Response: 6021325  
Conc: 38.39 ug/ml m



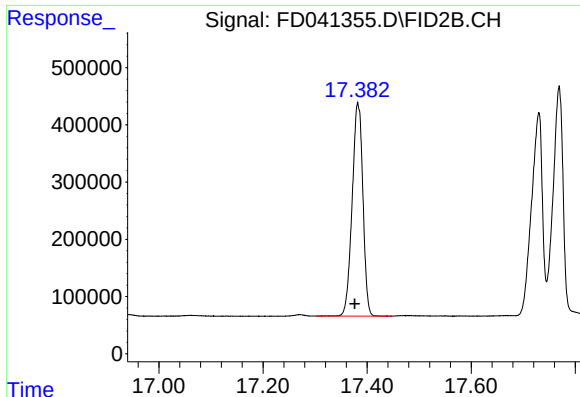
#15 n-Hexacosane (C26)

R.T.: 15.555 min  
Delta R.T.: 0.005 min  
Response: 5858628  
Conc: 38.13 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.498 min  
Delta R.T.: 0.004 min  
Response: 5688816  
Conc: 38.22 ug/ml



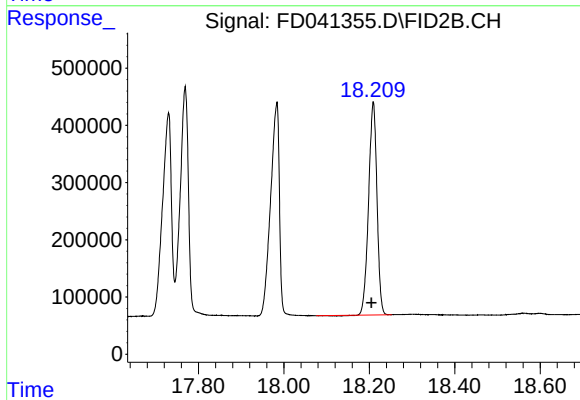
#17 n-Tricontane (C30)

R.T.: 17.382 min  
Delta R.T.: 0.006 min  
Response: 5325714  
Conc: 37.85 ug/ml

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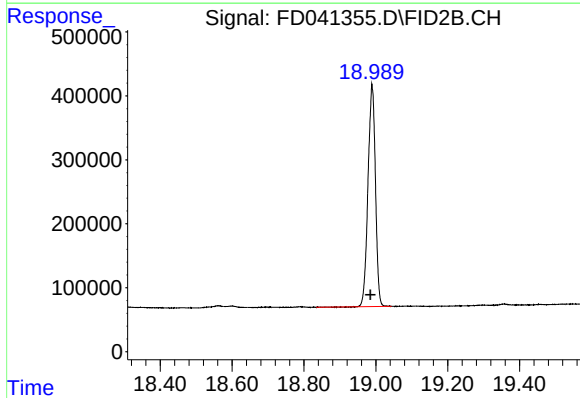
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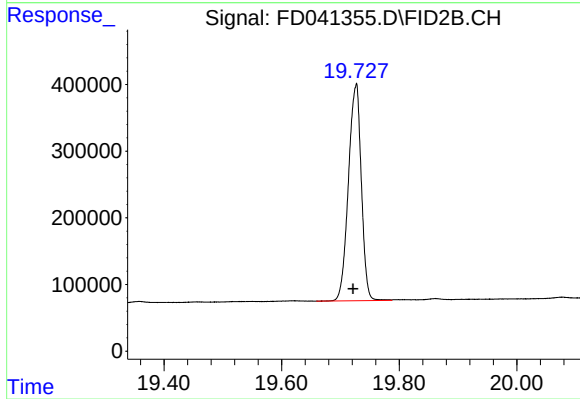
#18 n-Dotriacontane (C32)

R.T.: 18.209 min  
Delta R.T.: 0.005 min  
Response: 5051232  
Conc: 39.70 ug/ml



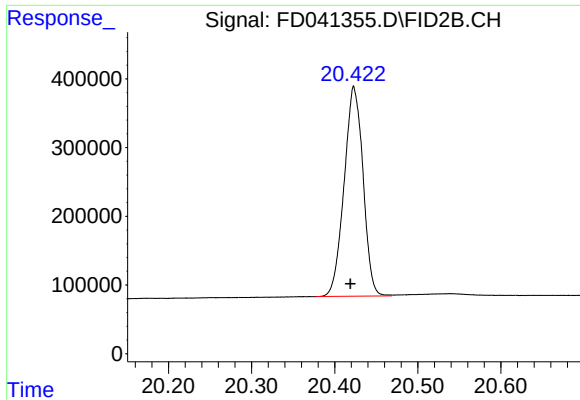
#19 n-Tetratriacontane (C34)

R.T.: 18.990 min  
Delta R.T.: 0.005 min  
Response: 4985143  
Conc: 43.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.727 min  
Delta R.T.: 0.005 min  
Response: 4938164  
Conc: 48.18 ug/ml



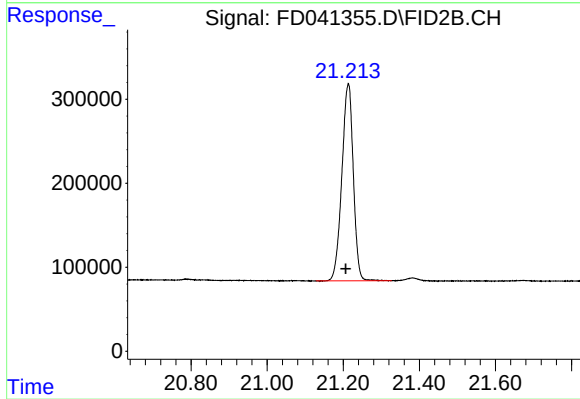
#21 n-Octatriacontane (C38)

R.T.: 20.422 min  
Delta R.T.: 0.003 min  
Response: 4821005  
Conc: 50.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.214 min  
Delta R.T.: 0.007 min  
Response: 4899633  
Conc: 51.70 ug/ml