

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121721AL\  
 Data File : FD040014.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Dec 2021 00:03  
 Operator : AJ\MA  
 Sample : M5116-03MS  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021  
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e  
 Quant Time: Dec 18 00:24:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 121521.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 15 16:44:55 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)    | 10.760 | 5811702    | 37.020 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.04%        |
| 12) S 1-chlorooctadecane (S... | 12.195 | 4245013    | 34.374 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.75%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.684  | 7087614    | 50.365 ug/ml  |
| 2) T n-Decane (C10)            | 3.674  | 7507196    | 52.634 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.214  | 8661197    | 53.955 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.645  | 7635834    | 53.479 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.257  | 8301789    | 51.443 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.427  | 7655260    | 53.114 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.017  | 7630403    | 52.451 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.453 | 7519427    | 50.533 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.756 | 7179556    | 49.091 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.365 | 6992622    | 47.595 ug/ml  |
| 13) T n-Docosane (C22)         | 12.949 | 6894566    | 47.214 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.047 | 6557648    | 45.025 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.064 | 6184111    | 44.091 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.010 | 6139231    | 45.266 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.898 | 5995854    | 45.884 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.725 | 6041790    | 48.546 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.509 | 5526281    | 45.754 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.246 | 4833367    | 42.028 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.960 | 4545665    | 40.724 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.812 | 4579349    | 40.189 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 18 Dec 2021 00:03  
Operator : AJ\MA  
Sample : M5116-03MS  
Misc :  
ALS Vial : 73 Sample Multiplier: 1

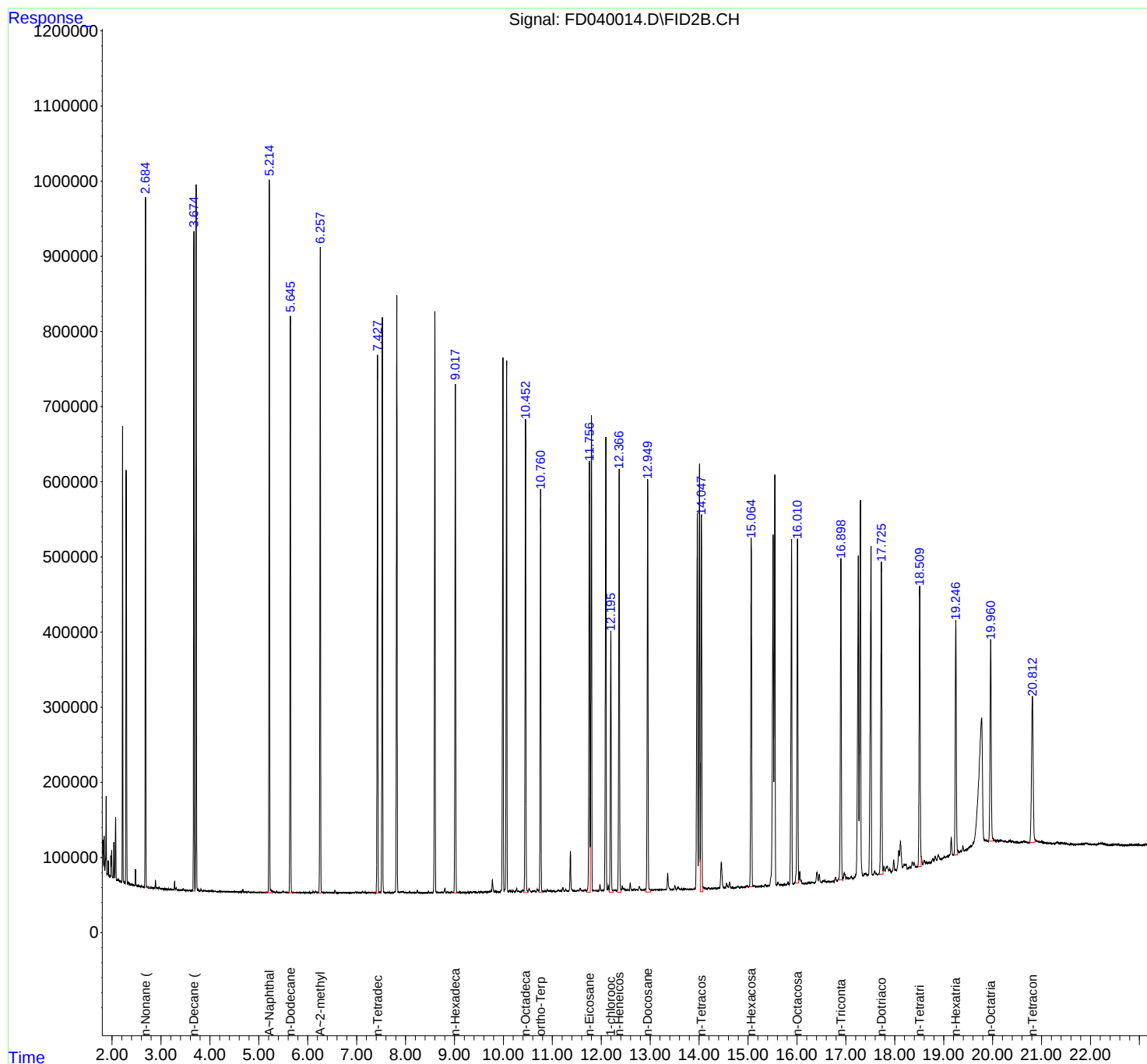
Instrument :  
FID\_D  
ClientSampleId :  
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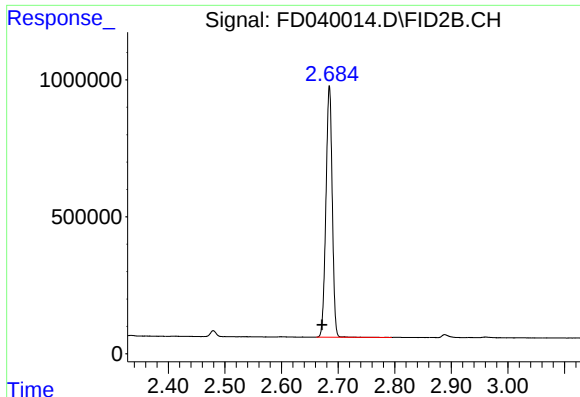
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.684 min  
Delta R.T.: 0.012 min  
Response: 7087614  
Conc: 50.37 ug/ml

Instrument :

FID\_D

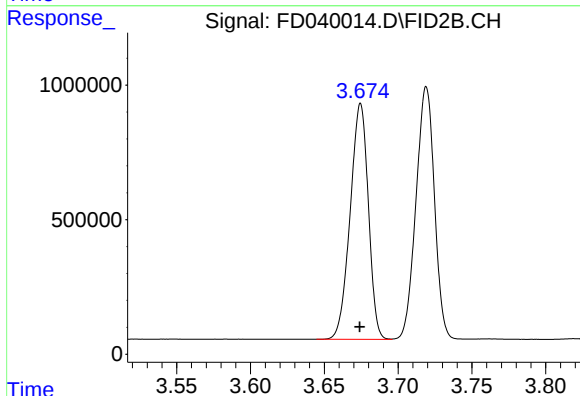
ClientSampleId :

1MS

Manual Integrations

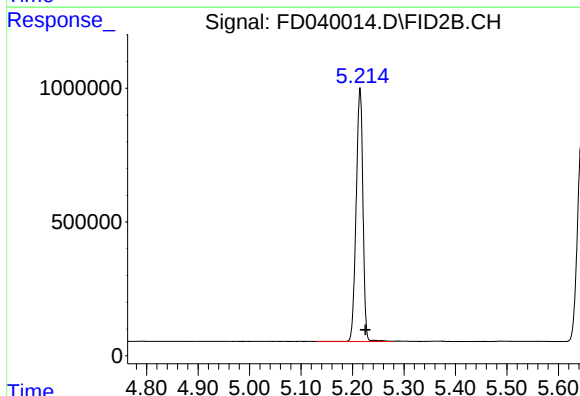
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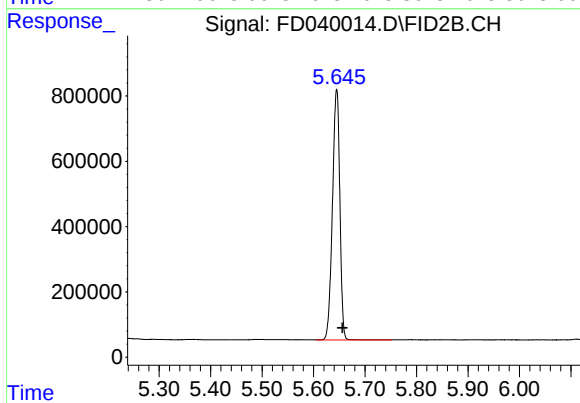
#2 n-Decane (C10)

R.T.: 3.674 min  
Delta R.T.: 0.000 min  
Response: 7507196  
Conc: 52.63 ug/ml



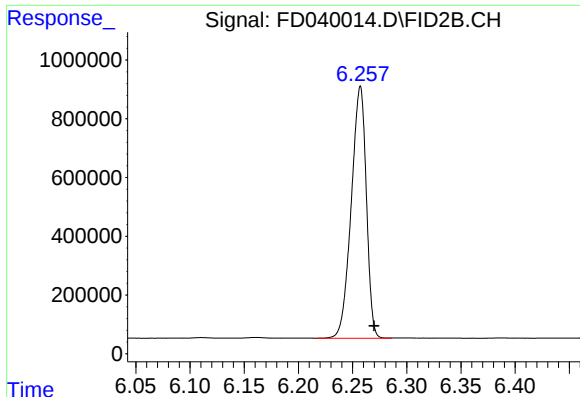
#3 A~Naphthalene (C11.7)

R.T.: 5.214 min  
Delta R.T.: -0.011 min  
Response: 8661197  
Conc: 53.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.645 min  
Delta R.T.: -0.011 min  
Response: 7635834  
Conc: 53.48 ug/ml



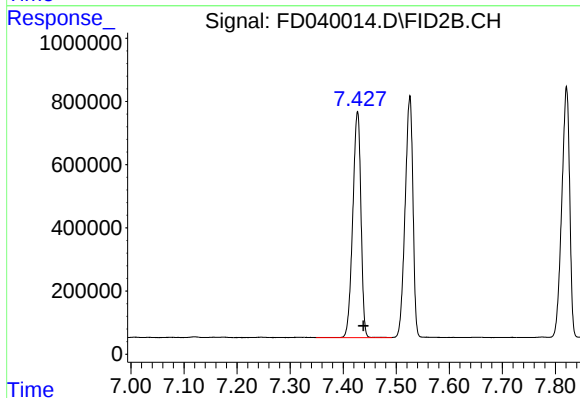
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.257 min  
Delta R.T.: -0.013 min  
Response: 8301789  
Conc: 51.44 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
1MS

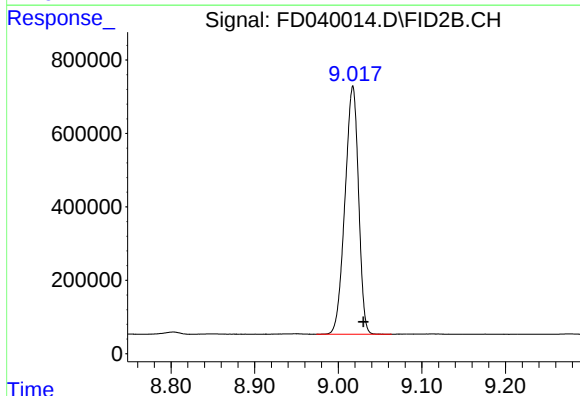
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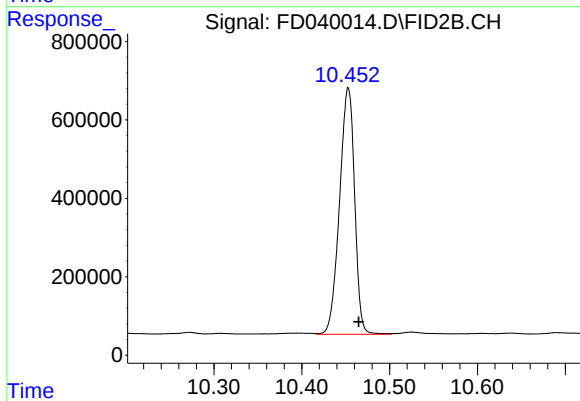
#6 n-Tetradecane (C14)

R.T.: 7.427 min  
Delta R.T.: -0.011 min  
Response: 7655260  
Conc: 53.11 ug/ml



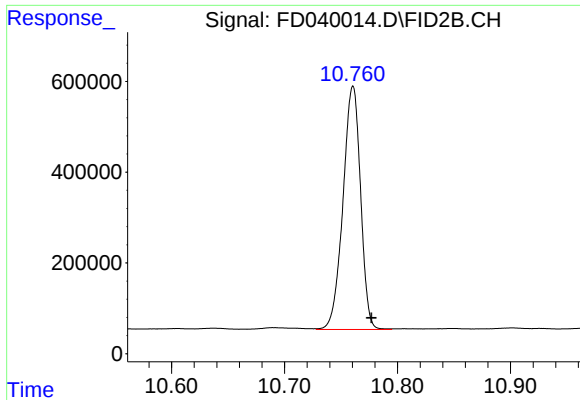
#7 n-Hexadecane (C16)

R.T.: 9.017 min  
Delta R.T.: -0.013 min  
Response: 7630403  
Conc: 52.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.453 min  
Delta R.T.: -0.012 min  
Response: 7519427  
Conc: 50.53 ug/ml



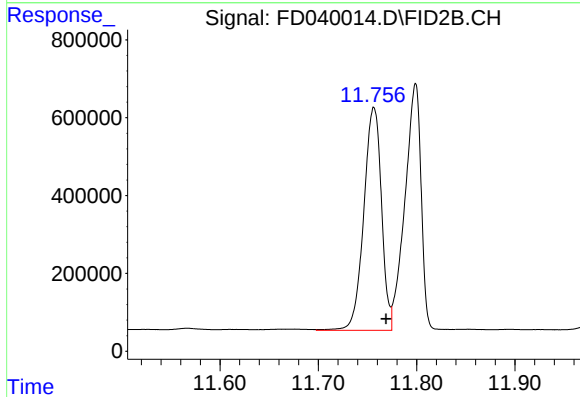
#9 ortho-Terphenyl (SURR)

R.T.: 10.760 min  
Delta R.T.: -0.017 min  
Response: 5811702  
Conc: 37.02 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
1MS

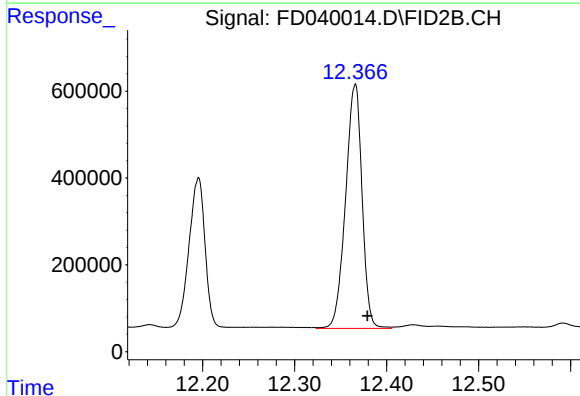
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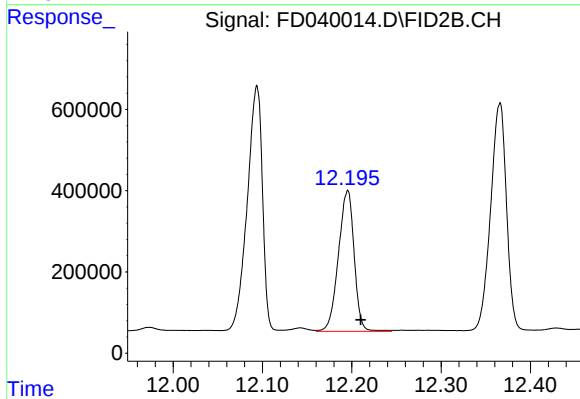
#10 n-Eicosane (C20)

R.T.: 11.756 min  
Delta R.T.: -0.013 min  
Response: 7179556  
Conc: 49.09 ug/ml



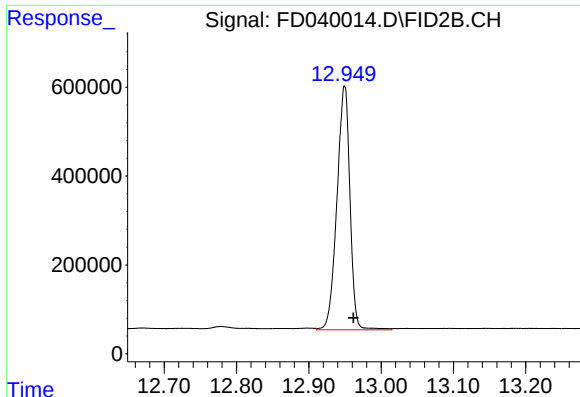
#11 n-Heneicosane (C21)

R.T.: 12.365 min  
Delta R.T.: -0.014 min  
Response: 6992622  
Conc: 47.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.195 min  
Delta R.T.: -0.015 min  
Response: 4245013  
Conc: 34.37 ug/ml



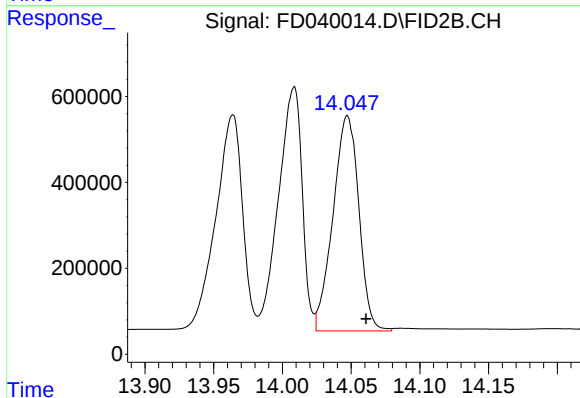
#13 n-Docosane (C22)

R.T.: 12.949 min  
Delta R.T.: -0.013 min  
Response: 6894566  
Conc: 47.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
1MS

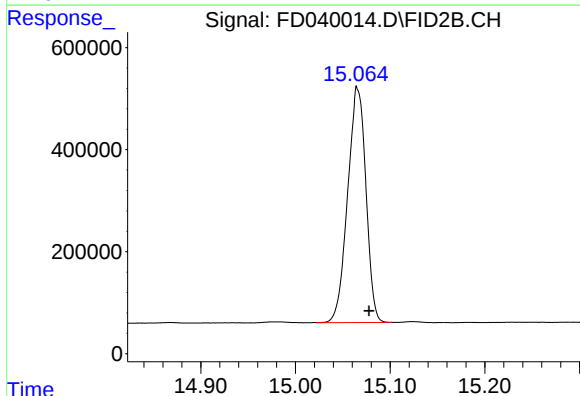
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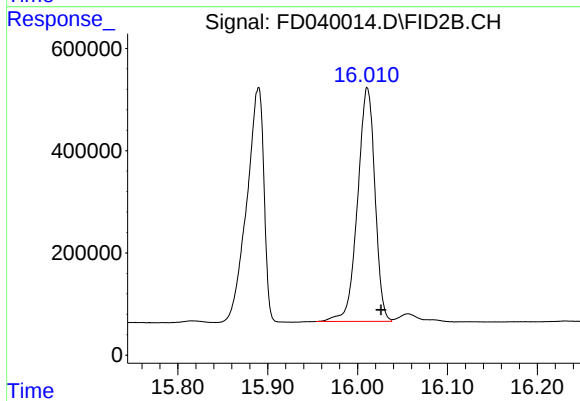
#14 n-Tetracosane (C24)

R.T.: 14.047 min  
Delta R.T.: -0.014 min  
Response: 6557648  
Conc: 45.03 ug/ml



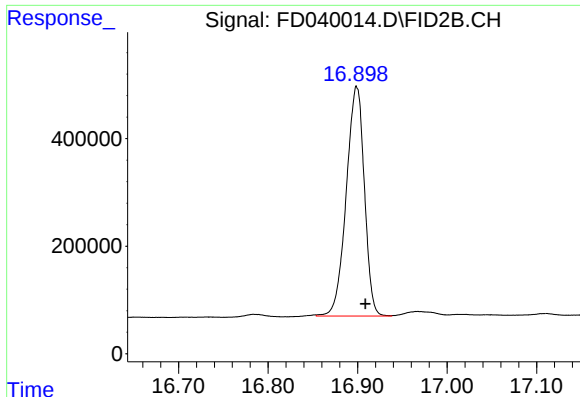
#15 n-Hexacosane (C26)

R.T.: 15.064 min  
Delta R.T.: -0.014 min  
Response: 6184111  
Conc: 44.09 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.010 min  
Delta R.T.: -0.016 min  
Response: 6139231  
Conc: 45.27 ug/ml m



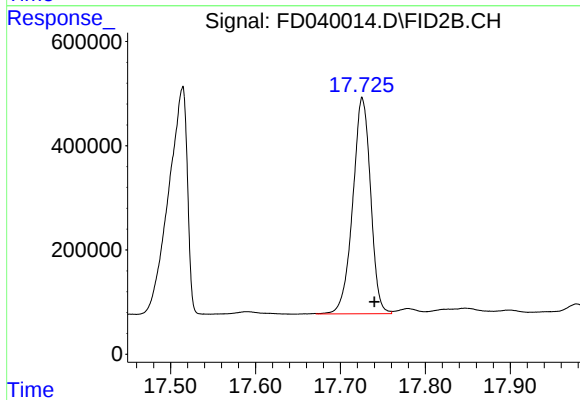
#17 n-Tricontane (C30)

R.T.: 16.898 min  
Delta R.T.: -0.011 min  
Response: 5995854  
Conc: 45.88 ug/ml

Instrument :  
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1MS

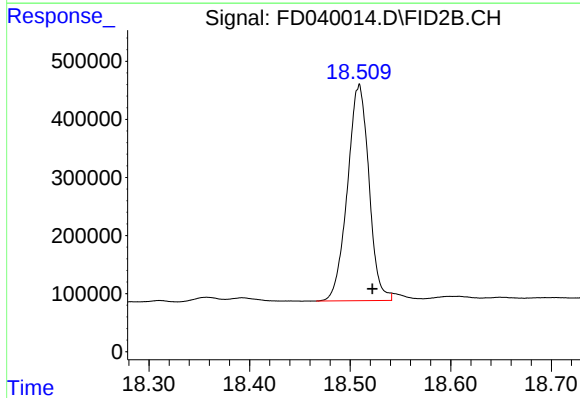
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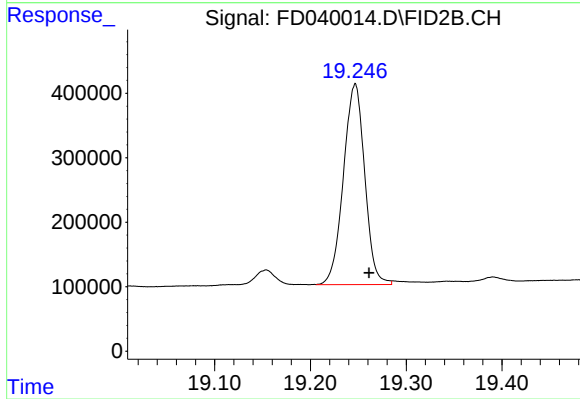
#18 n-Dotriacontane (C32)

R.T.: 17.725 min  
Delta R.T.: -0.015 min  
Response: 6041790  
Conc: 48.55 ug/ml m



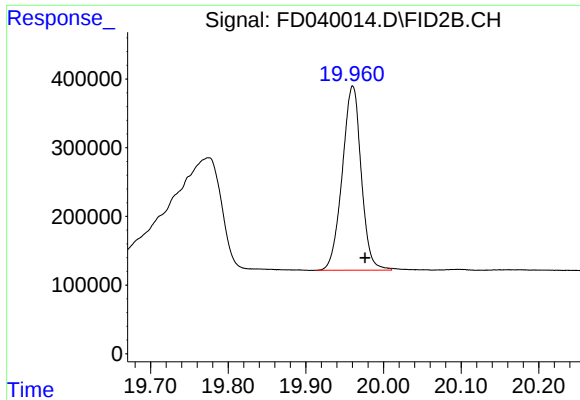
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min  
Delta R.T.: -0.013 min  
Response: 5526281  
Conc: 45.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.246 min  
Delta R.T.: -0.015 min  
Response: 4833367  
Conc: 42.03 ug/ml m



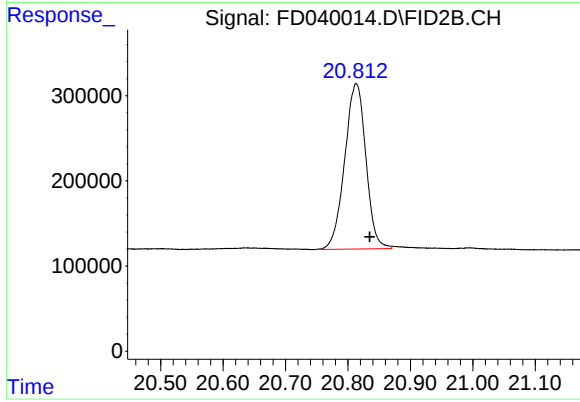
#21 n-Octatriacontane (C38)

R.T.: 19.960 min  
Delta R.T.: -0.016 min  
Response: 4545665  
Conc: 40.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.812 min  
Delta R.T.: -0.023 min  
Response: 4579349  
Conc: 40.19 ug/ml m