

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040423AL\  
 Data File : FE041165.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Apr 2023 19:05  
 Operator : YP\AJ  
 Sample : 02176-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TR-04-040323MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/05/2023  
 Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e  
 Quant Time: Apr 04 23:53:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 25 06:32:15 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)    | 11.855 | 5387674    | 28.667 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.33%        |
| 12) S 1-chlorooctadecane (S... | 13.302 | 50735765   | 352.626 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 705.25%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.249  | 4141670    | 23.869 ug/ml  |
| 2) T n-Decane (C10)            | 4.498  | 4685513    | 27.527 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.199  | 5312709    | 29.046 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.662  | 5397447    | 31.116 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.295  | 5384338    | 32.511 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.491  | 6093162    | 34.945 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.098 | 6552541    | 36.842 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.541 | 6581078    | 36.858 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.851 | 6574030    | 38.541 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.466 | 6163039    | 36.428 ug/ml  |
| 13) T n-Docosane (C22)         | 14.050 | 6053536    | 36.580 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.149 | 11786287   | 72.851 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.177 | 5642239    | 36.398 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.128 | 6025018    | 39.333 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.020 | 5887365    | 38.516 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.852 | 5686022    | 36.419 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.638 | 5657032    | 36.504 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.380 | 5757257    | 37.902 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.111 | 5966938    | 38.196 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.998 | 6333451    | 39.682 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 04 Apr 2023 19:05  
Operator : YP\AJ  
Sample : 02176-01MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

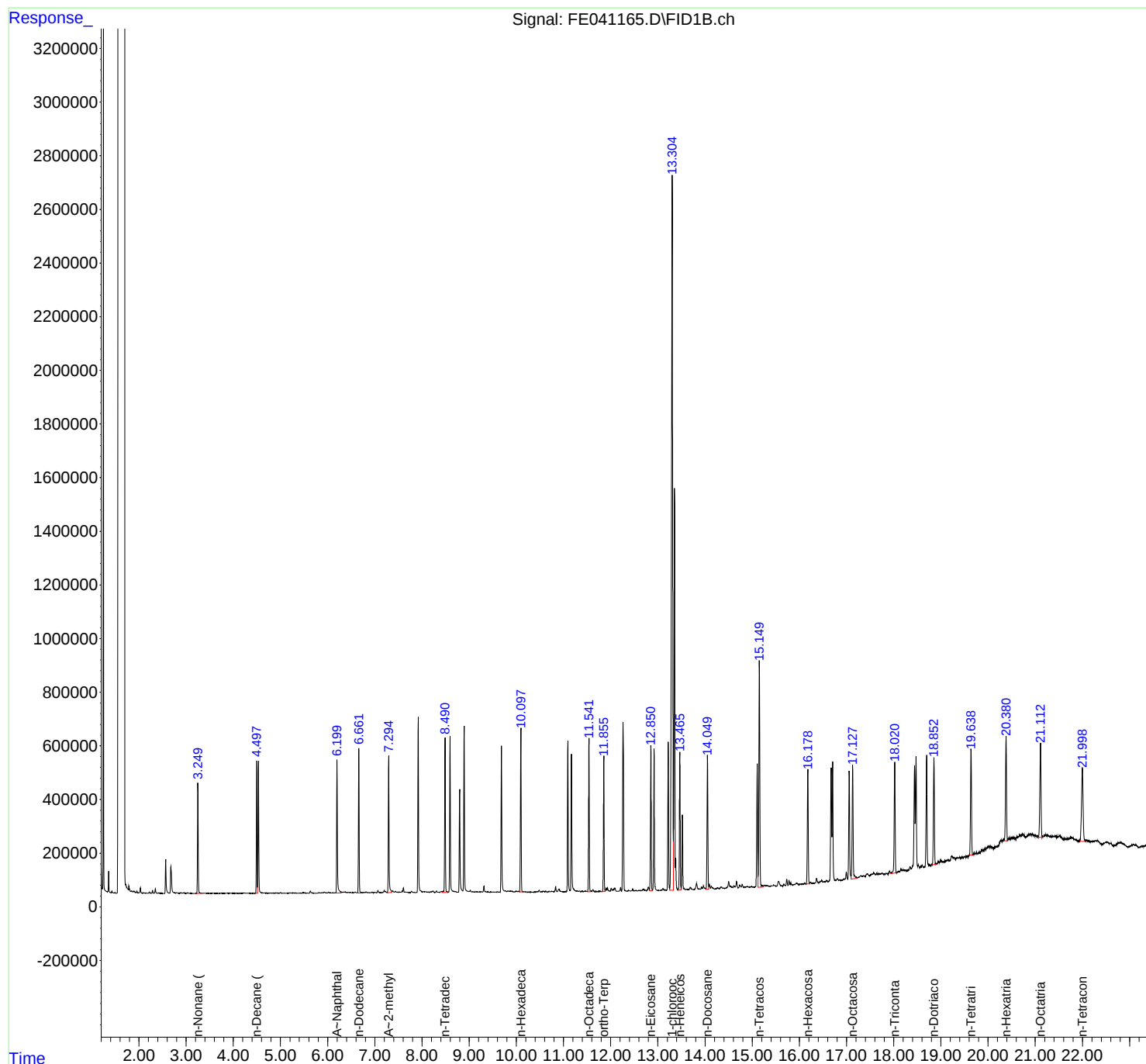
Instrument :  
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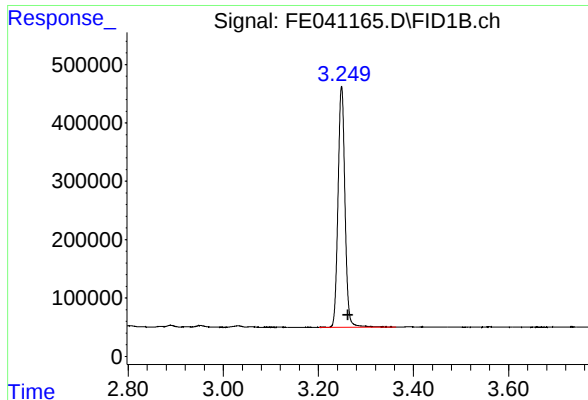
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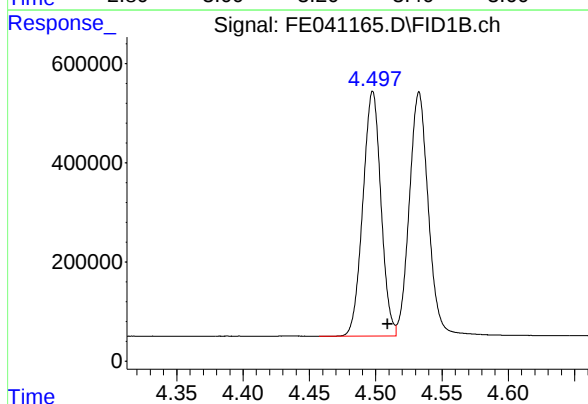
#1 n-Nonane (C9)

R.T.: 3.249 min  
Delta R.T.: -0.013 min  
Response: 4141670  
Conc: 23.87 ug/ml

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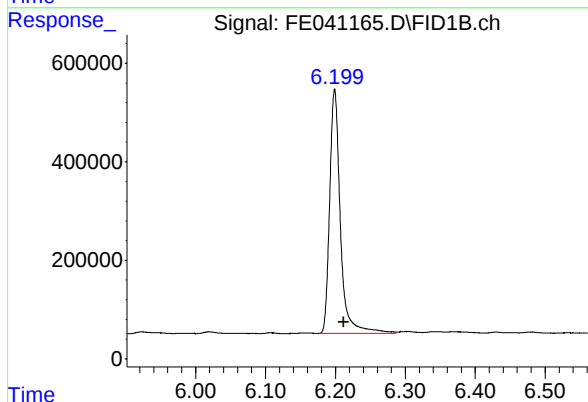
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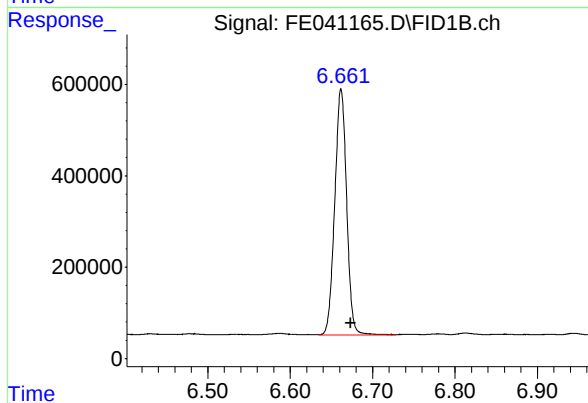
#2 n-Decane (C10)

R.T.: 4.498 min  
Delta R.T.: -0.011 min  
Response: 4685513  
Conc: 27.53 ug/ml



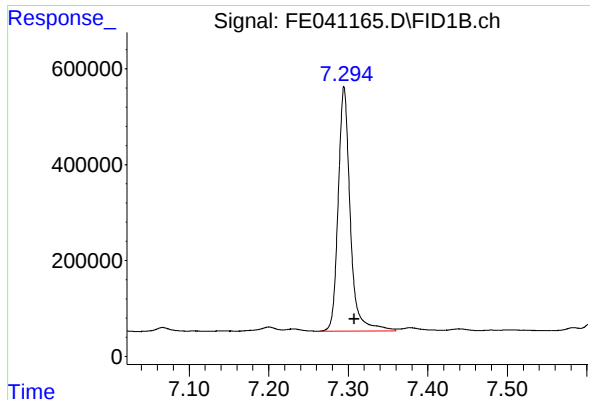
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min  
Delta R.T.: -0.013 min  
Response: 5312709  
Conc: 29.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min  
Delta R.T.: -0.012 min  
Response: 5397447  
Conc: 31.12 ug/ml



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

R.T.: 7.295 min  
Delta R.T.: -0.013 min  
Response: 5384338  
Conc: 32.51 ug/ml

Instrument :

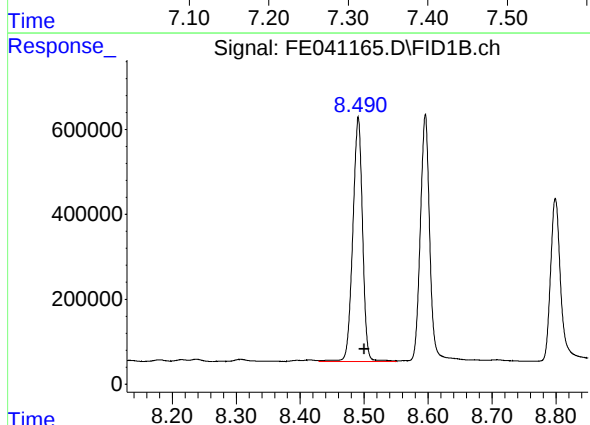
FID\_E

ClientSampleId :

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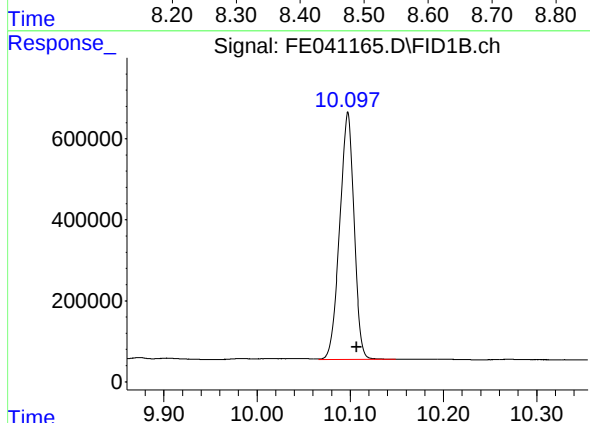
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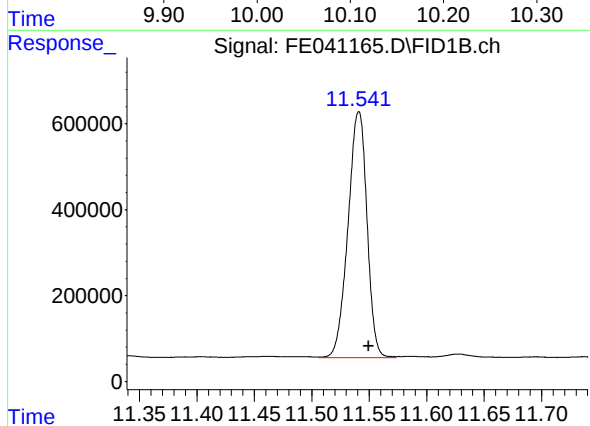
#6 n-Tetradecane (C14)

R.T.: 8.491 min  
Delta R.T.: -0.009 min  
Response: 6093162  
Conc: 34.94 ug/ml



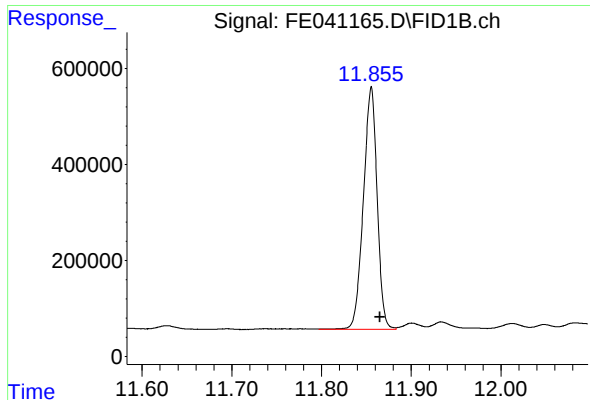
#7 n-Hexadecane (C16)

R.T.: 10.098 min  
Delta R.T.: -0.009 min  
Response: 6552541  
Conc: 36.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min  
Delta R.T.: -0.008 min  
Response: 6581078  
Conc: 36.86 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min  
Delta R.T.: -0.010 min  
Response: 5387674  
Conc: 28.67 ug/ml

Instrument :

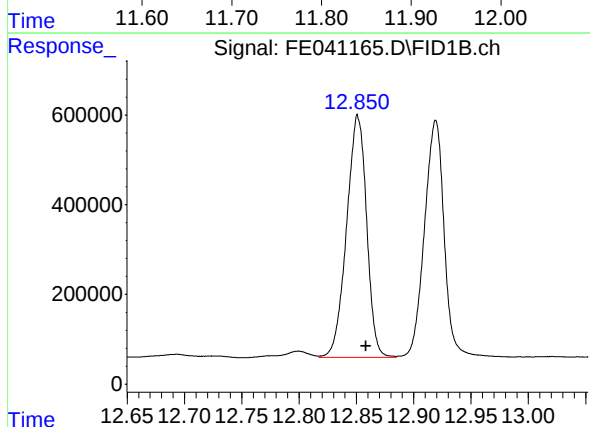
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ClientSampleId :

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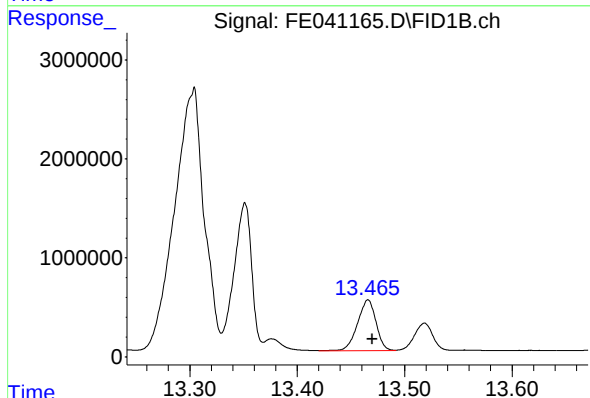
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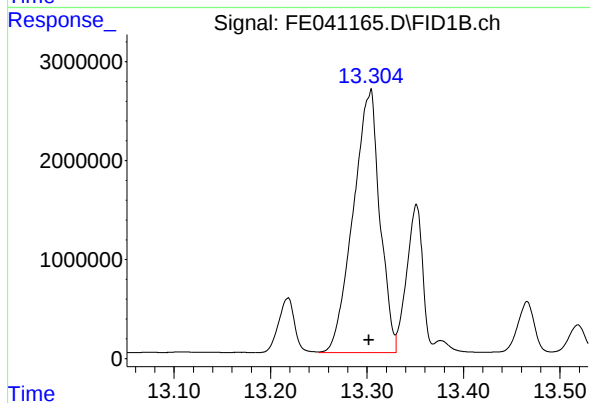
#10 n-Eicosane (C20)

R.T.: 12.851 min  
Delta R.T.: -0.007 min  
Response: 6574030  
Conc: 38.54 ug/ml



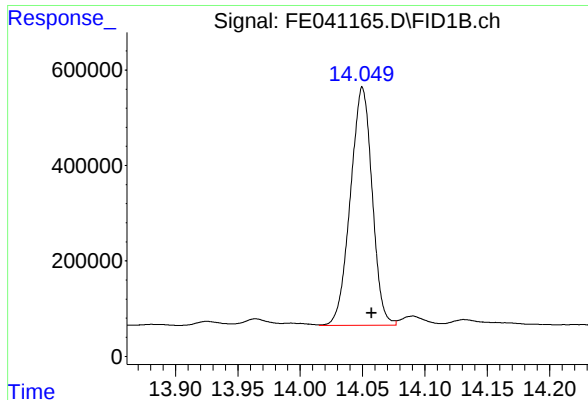
#11 n-Heneicosane (C21)

R.T.: 13.466 min  
Delta R.T.: -0.004 min  
Response: 6163039  
Conc: 36.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min  
Delta R.T.: 0.000 min  
Response: 50735765  
Conc: 352.63 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min  
Delta R.T.: -0.007 min  
Response: 6053536  
Conc: 36.58 ug/ml

Instrument :

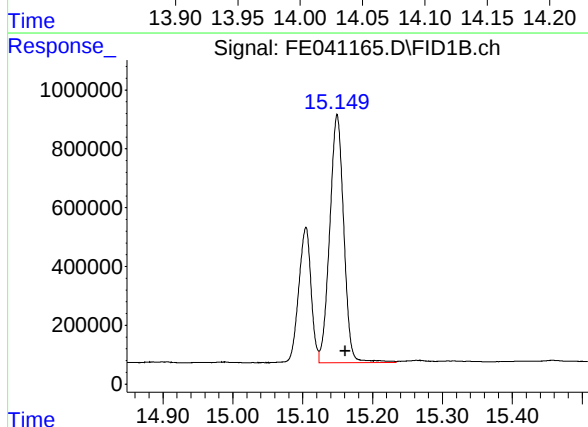
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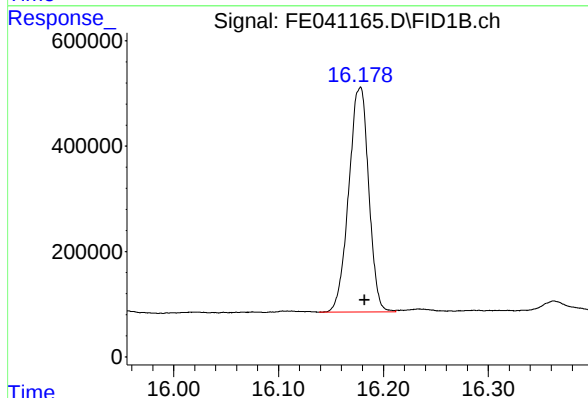
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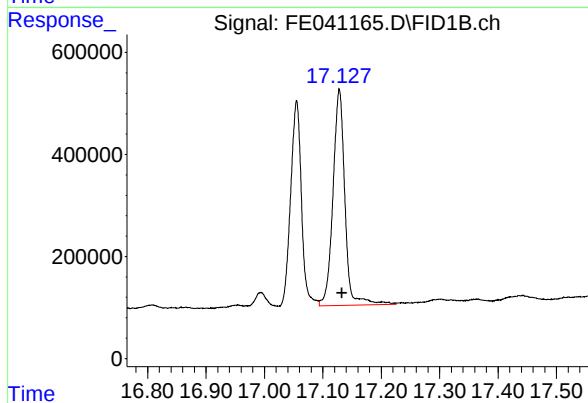
#14 n-Tetracosane (C24)

R.T.: 15.149 min  
Delta R.T.: -0.011 min  
Response: 11786287  
Conc: 72.85 ug/ml



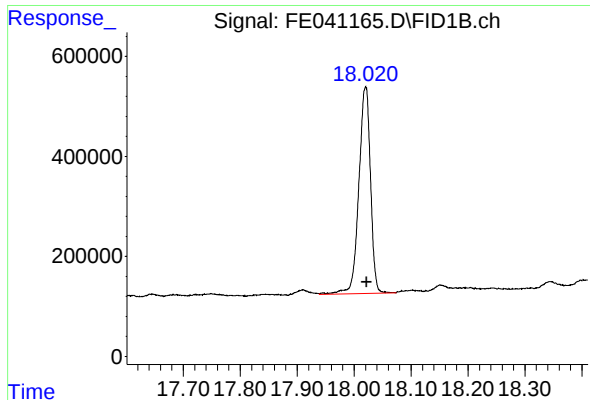
#15 n-Hexacosane (C26)

R.T.: 16.177 min  
Delta R.T.: -0.005 min  
Response: 5642239  
Conc: 36.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.128 min  
Delta R.T.: -0.005 min  
Response: 6025018  
Conc: 39.33 ug/ml



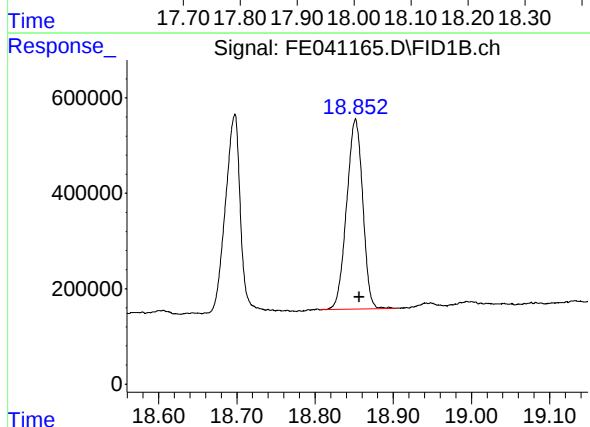
#17 n-Tricontane (C30)

R.T.: 18.020 min  
Delta R.T.: -0.002 min  
Response: 5887365  
Conc: 38.52 ug/ml

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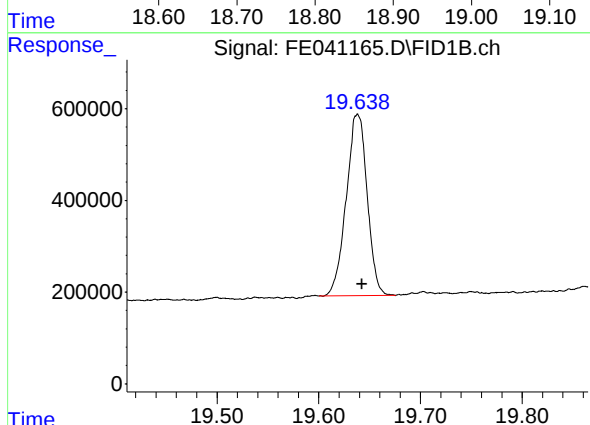
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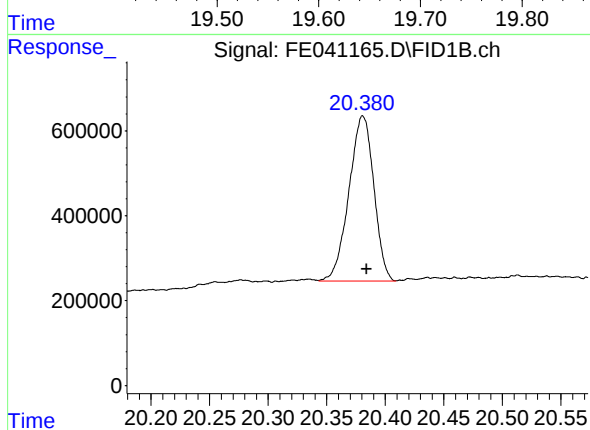
#18 n-Dotriacontane (C32)

R.T.: 18.852 min  
Delta R.T.: -0.005 min  
Response: 5686022  
Conc: 36.42 ug/ml



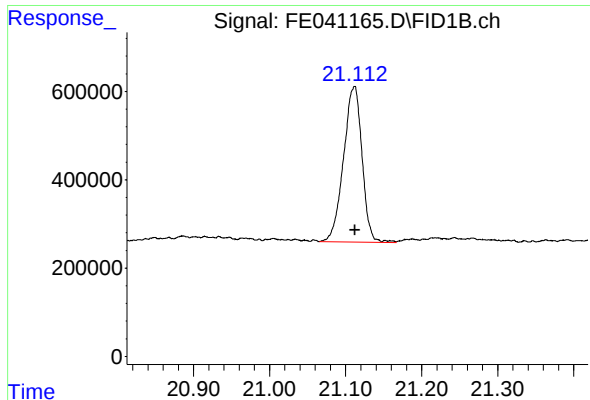
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min  
Delta R.T.: -0.004 min  
Response: 5657032  
Conc: 36.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min  
Delta R.T.: -0.004 min  
Response: 5757257  
Conc: 37.90 ug/ml m



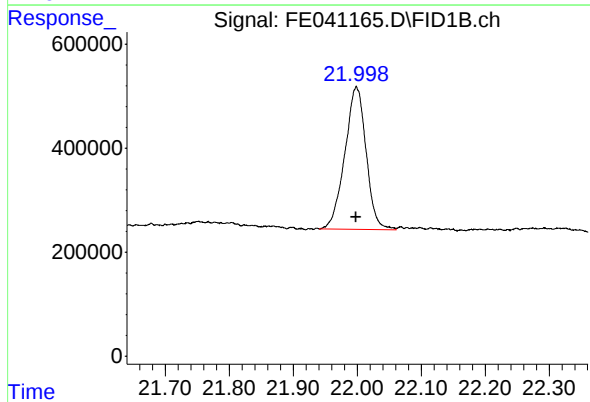
#21 n-Octatriacontane (C38)

R.T.: 21.111 min  
Delta R.T.: -0.001 min  
Response: 5966938  
Conc: 38.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.998 min  
Delta R.T.: 0.000 min  
Response: 6333451  
Conc: 39.68 ug/ml m