

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F122623AL\  
 Data File : FC065524.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Dec 2023 15:24  
 Operator : YP/AJ  
 Sample : PB158054BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB158054BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023  
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e  
 Quant Time: Dec 26 22:25:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121823.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 18 12:39:13 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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 12.930 | 7424782    | 45.423 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 90.85%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.299  | 5377049    | 27.042 ug/ml  |
| 2) T n-Decane (C10)            | 4.356  | 6668609    | 33.264 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.367  | 7815353    | 38.229 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.156  | 8201335    | 40.939 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.751  | 8772883    | 43.826 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.186 | 9277824    | 47.145 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.489 | 9840291    | 52.490 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.099 | 9457024    | 51.850 ug/ml  |
| 13) T n-Docosane (C22)         | 13.682 | 9335739    | 51.743 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.779 | 9001491    | 49.966 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.796 | 8691654    | 50.175 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.740 | 8356554    | 48.727 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.624 | 8301948    | 47.401 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.454 | 8197296    | 46.995 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.233 | 8094298    | 48.918 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.969 | 7835060    | 48.528 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.688 | 7799020    | 49.175 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.562 | 7695369    | 48.313 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 26 Dec 2023 15:24  
Operator : YP/AJ  
Sample : PB158054BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

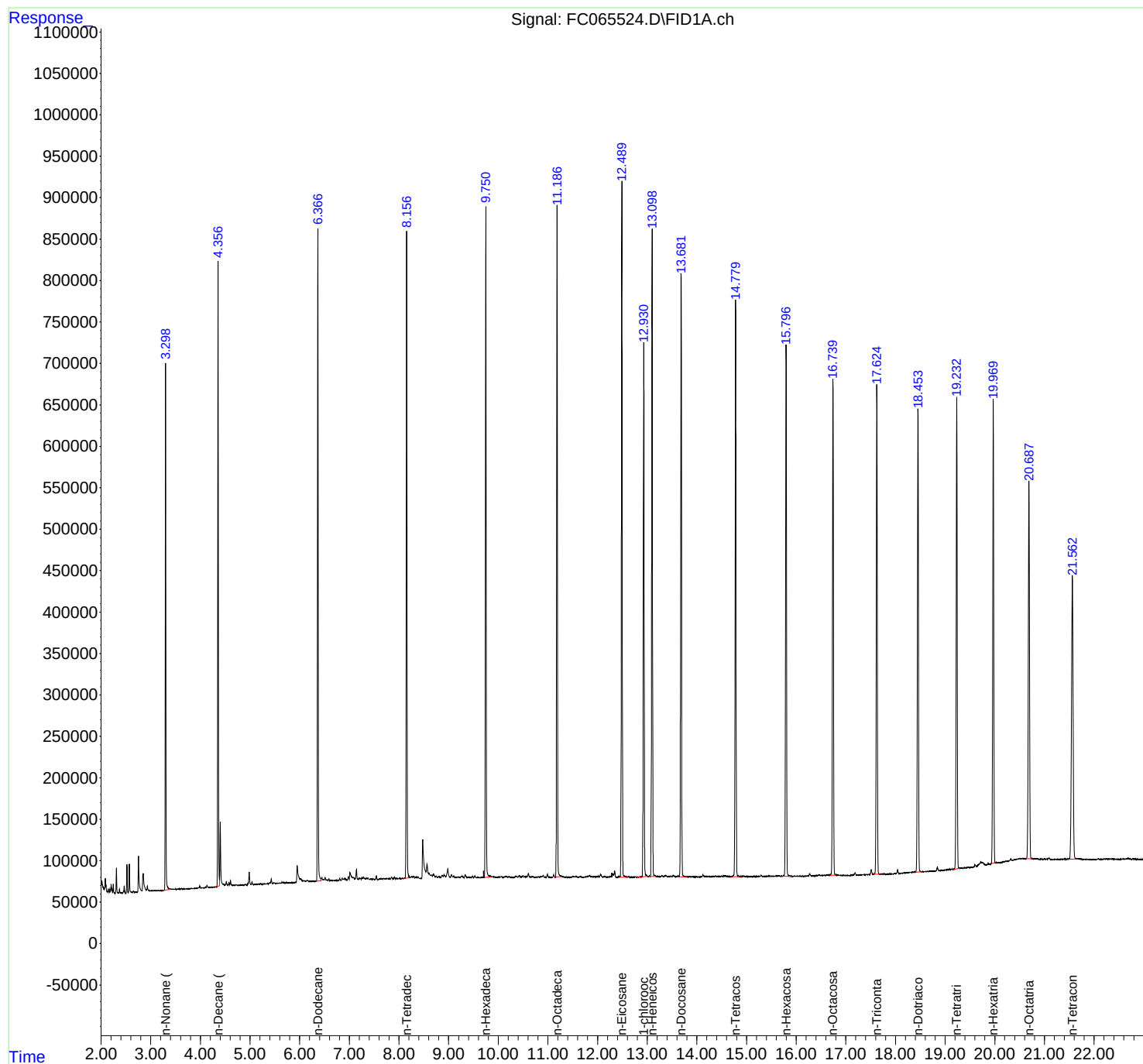
Instrument :  
FID\_C  
Client Sample Id :  
PB158054BSD

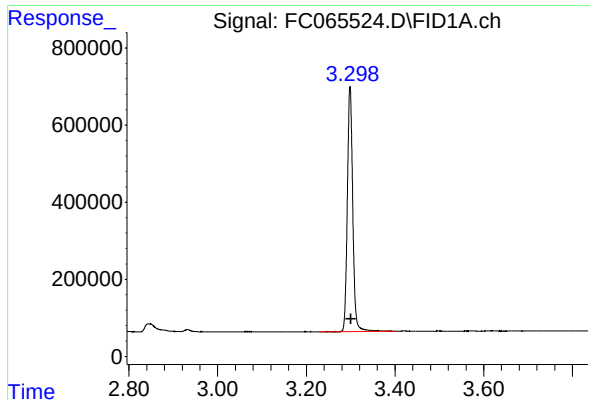
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Integration File: autoint1.e  
Quant Time: Dec 26 22:25:33 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





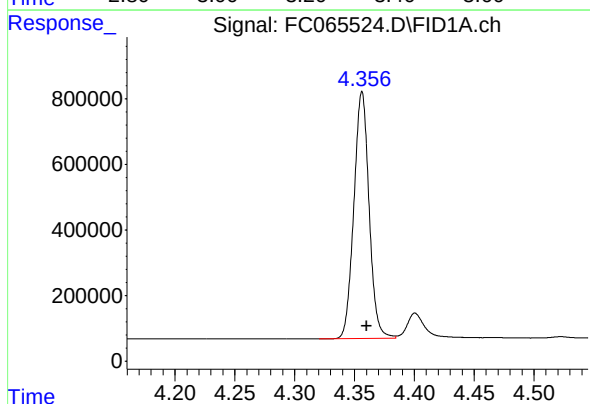
#1 n-Nonane (C9)

R.T.: 3.299 min  
Delta R.T.: -0.002 min  
Response: 5377049  
Conc: 27.04 ug/ml

Instrument :  
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ClientSampleId :  
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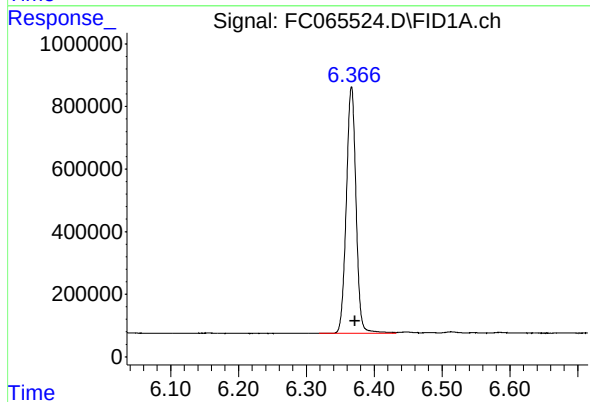
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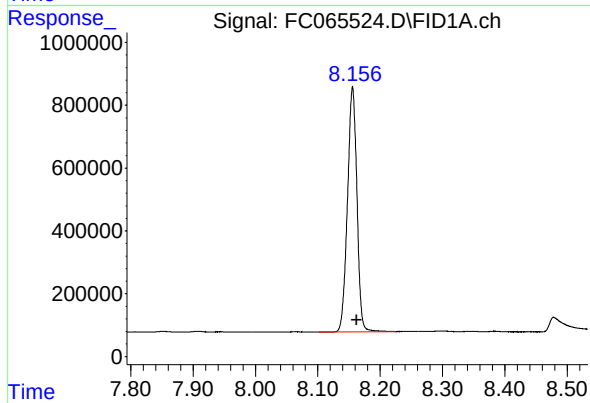
#2 n-Decane (C10)

R.T.: 4.356 min  
Delta R.T.: -0.004 min  
Response: 6668609  
Conc: 33.26 ug/ml



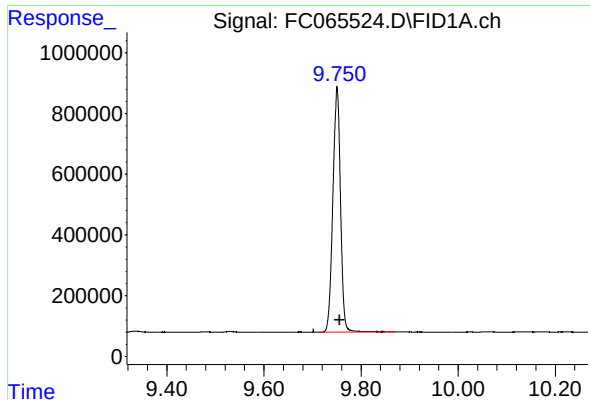
#4 n-Dodecane (C12)

R.T.: 6.367 min  
Delta R.T.: -0.005 min  
Response: 7815353  
Conc: 38.23 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.156 min  
Delta R.T.: -0.006 min  
Response: 8201335  
Conc: 40.94 ug/ml



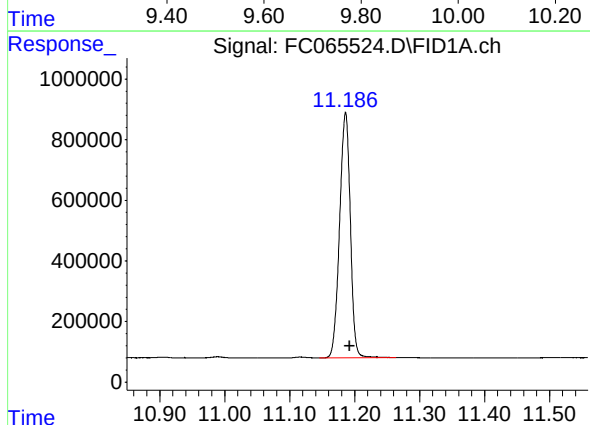
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: -0.005 min  
Response: 8772883  
Conc: 43.83 ug/ml

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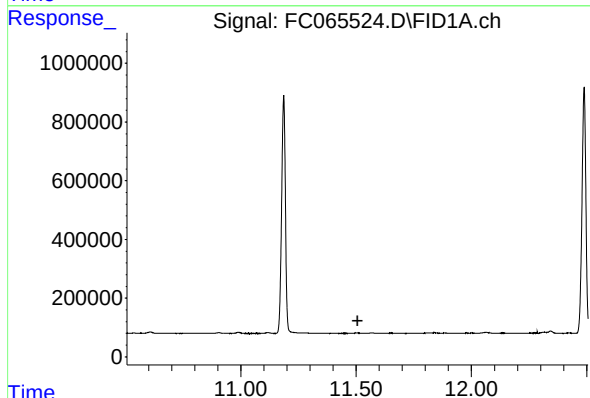
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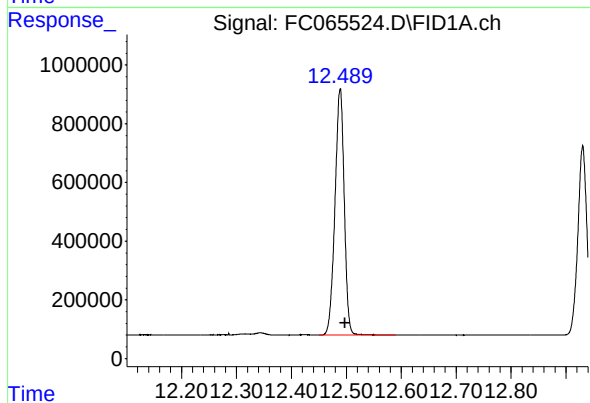
#8 n-Octadecane (C18)

R.T.: 11.186 min  
Delta R.T.: -0.007 min  
Response: 9277824  
Conc: 47.15 ug/ml



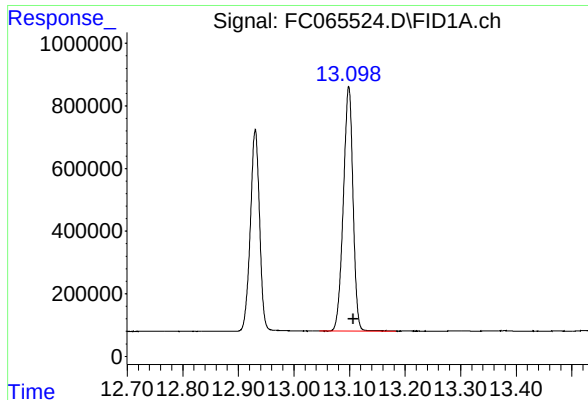
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.506 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min  
Delta R.T.: -0.009 min  
Response: 9840291  
Conc: 52.49 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.099 min  
Delta R.T.: -0.008 min  
Response: 9457024  
Conc: 51.85 ug/ml

Instrument :

FID\_C

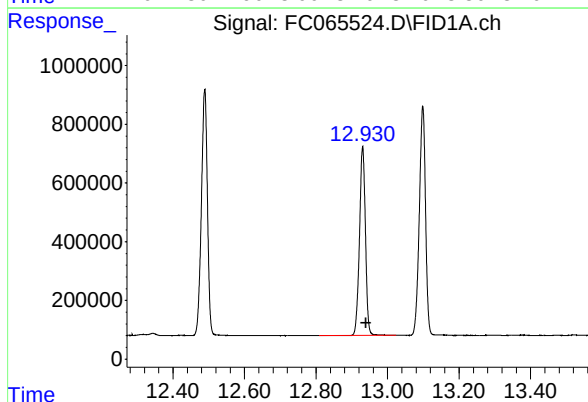
ClientSampleId :

PB158054BSD

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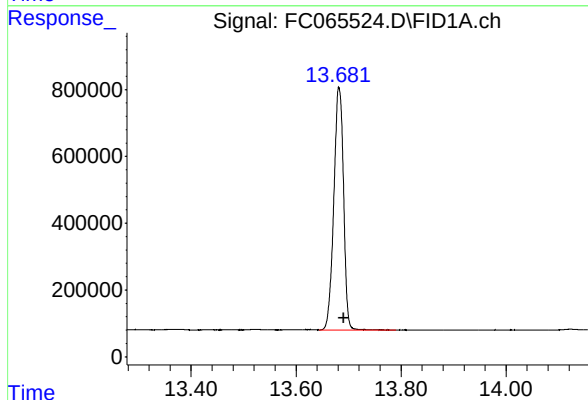
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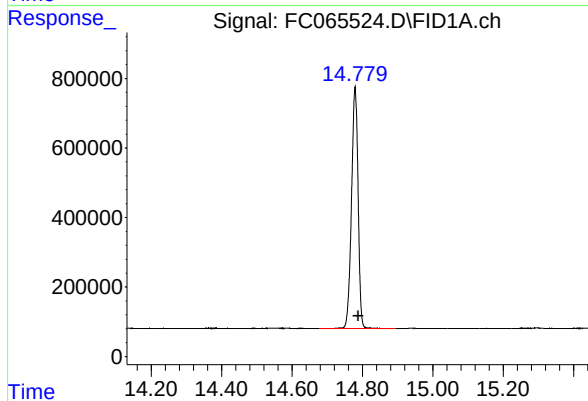
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min  
Delta R.T.: -0.010 min  
Response: 7424782  
Conc: 45.42 ug/ml



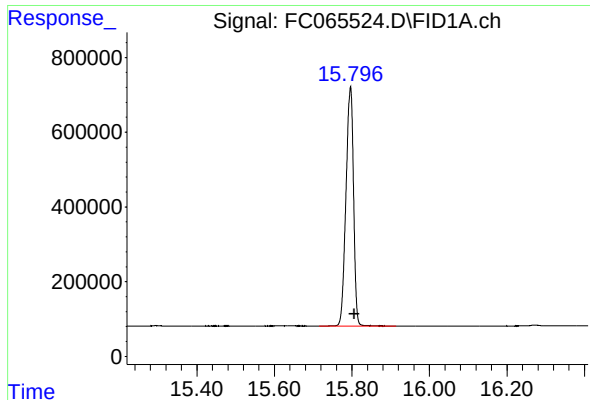
#13 n-Docosane (C22)

R.T.: 13.682 min  
Delta R.T.: -0.009 min  
Response: 9335739  
Conc: 51.74 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.779 min  
Delta R.T.: -0.010 min  
Response: 9001491  
Conc: 49.97 ug/ml



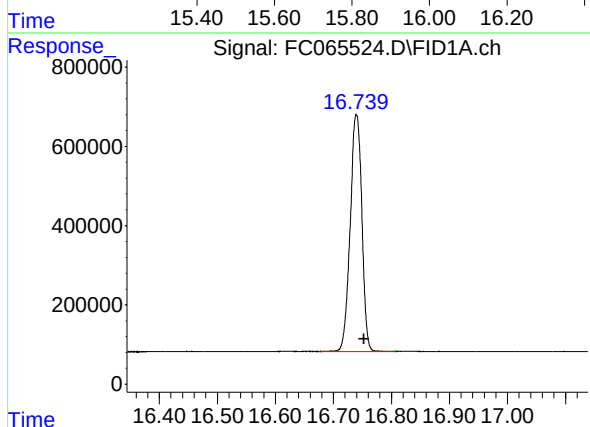
#15 n-Hexacosane (C26)

R.T.: 15.796 min  
Delta R.T.: -0.010 min  
Response: 8691654  
Conc: 50.18 ug/ml

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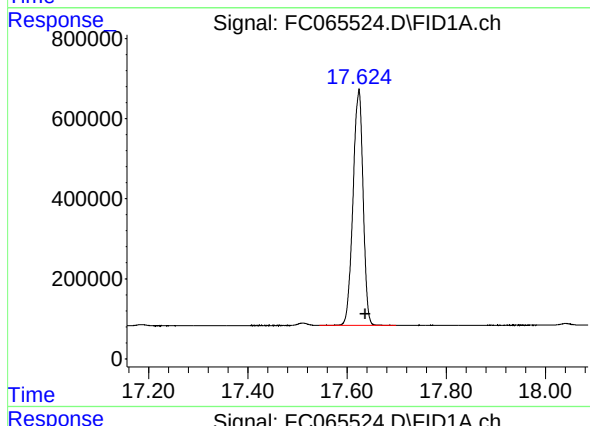
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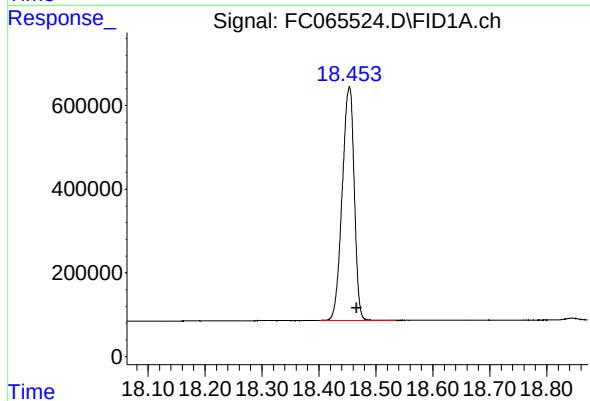
#16 n-Octacosane (C28)

R.T.: 16.740 min  
Delta R.T.: -0.013 min  
Response: 8356554  
Conc: 48.73 ug/ml



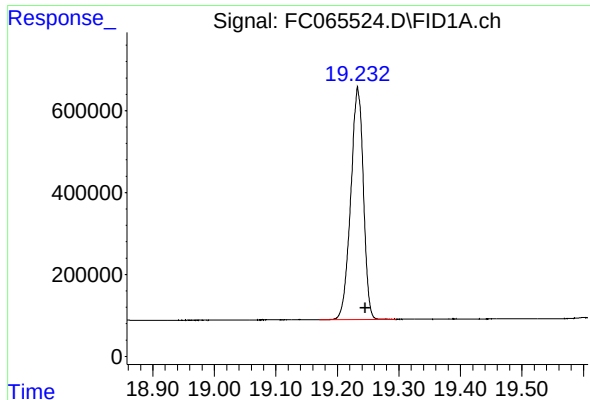
#17 n-Tricontane (C30)

R.T.: 17.624 min  
Delta R.T.: -0.012 min  
Response: 8301948  
Conc: 47.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.454 min  
Delta R.T.: -0.013 min  
Response: 8197296  
Conc: 46.99 ug/ml



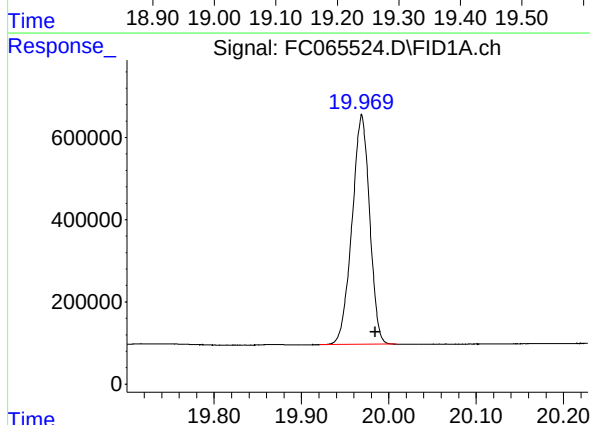
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min  
Delta R.T.: -0.012 min  
Response: 8094298  
Conc: 48.92 ug/ml

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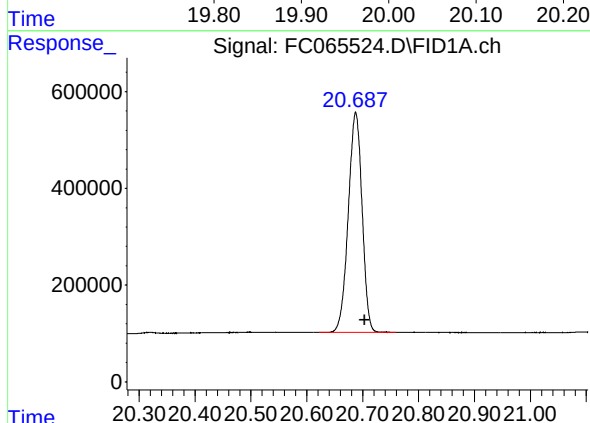
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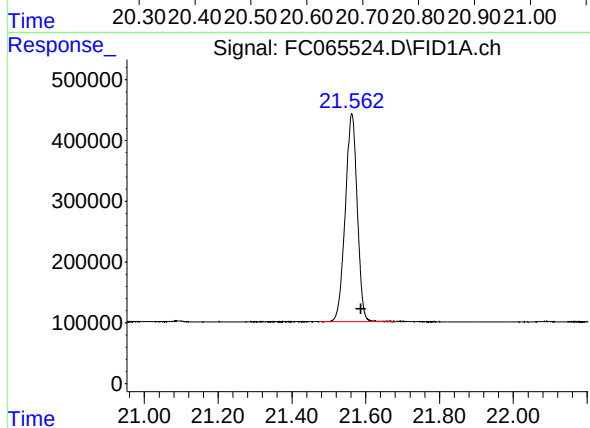
#20 n-Hexatriacontane (C36)

R.T.: 19.969 min  
Delta R.T.: -0.016 min  
Response: 7835060  
Conc: 48.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.688 min  
Delta R.T.: -0.016 min  
Response: 7799020  
Conc: 49.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.562 min  
Delta R.T.: -0.025 min  
Response: 7695369  
Conc: 48.31 ug/ml