

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F112524AL\  
 Data File : FC067863.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Nov 2024 16:56  
 Operator : YP/AJ  
 Sample : PB165222BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB165222BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/26/2024  
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e  
 Quant Time: Nov 26 00:10:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 14 14:13:15 2024  
 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... | 12.939 | 4354421    | 29.997 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.99%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.288  | 2684770    | 16.459 ug/ml  |
| 2) T n-Decane (C10)            | 4.350  | 3639993    | 21.950 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.362  | 4727928    | 28.071 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.153  | 5491663    | 32.792 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.751  | 6142018    | 35.442 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.190 | 6667094    | 37.894 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.498 | 6948453    | 41.265 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.108 | 6671931    | 40.549 ug/ml  |
| 13) T n-Docosane (C22)         | 13.693 | 6582346    | 40.419 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.794 | 6356068    | 39.631 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.812 | 6117103    | 39.500 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.759 | 5934732    | 39.297 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.644 | 5830676    | 38.082 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.476 | 5648590    | 38.246 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.258 | 5453588    | 43.238 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.997 | 5145983    | 49.203 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.718 | 5005772    | 51.245 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.606 | 4933049    | 50.613 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB165222BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

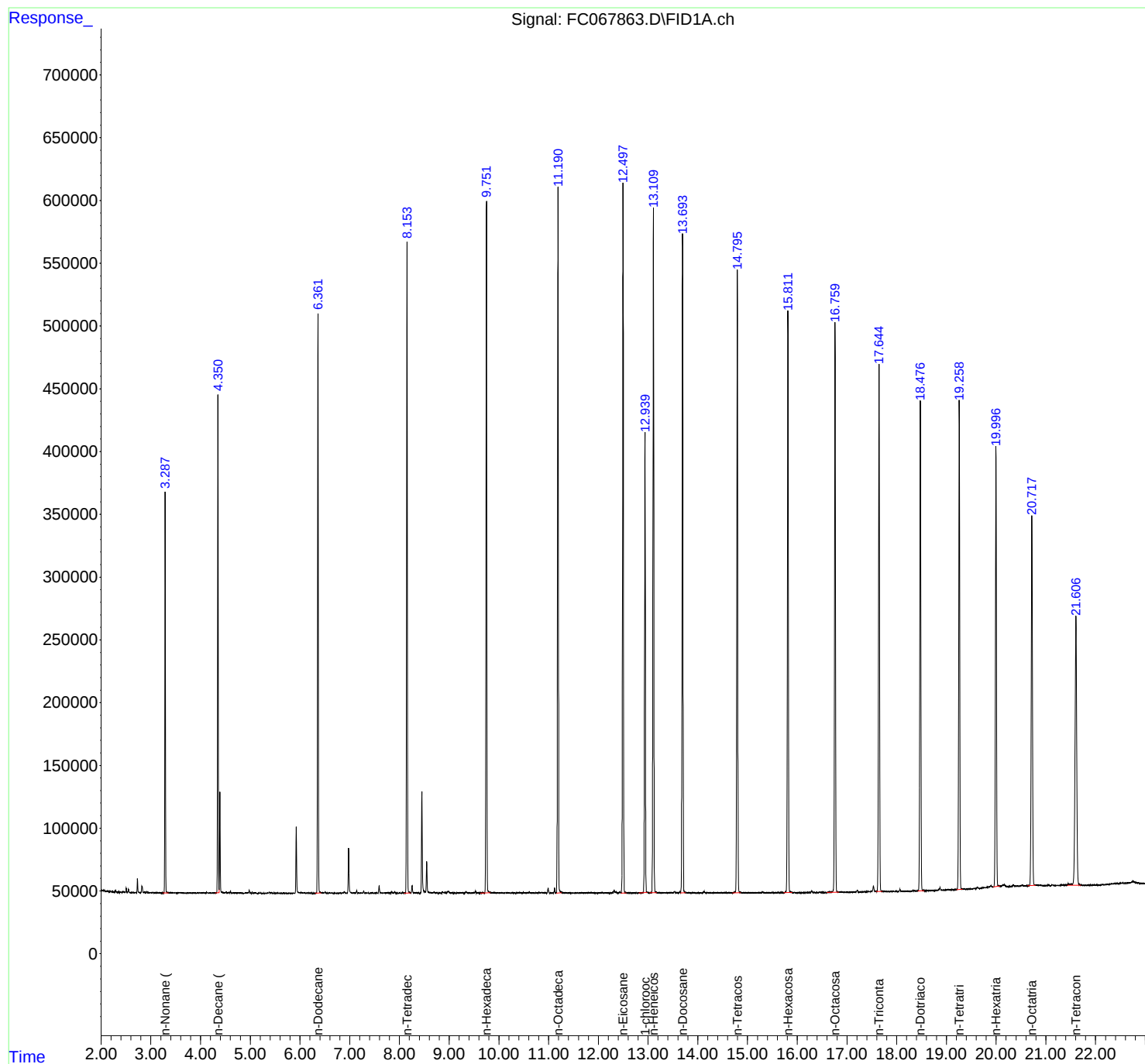
Instrument :  
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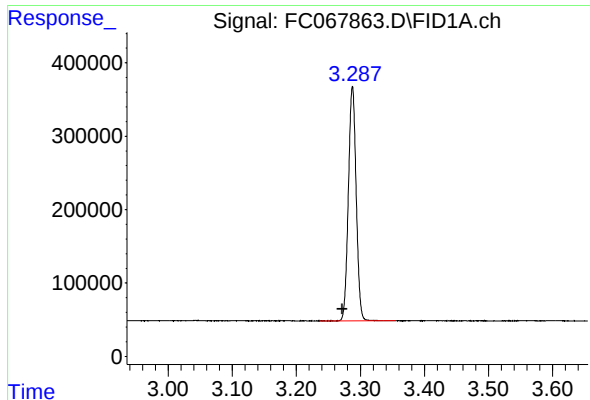
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.288 min  
Delta R.T.: 0.016 min  
Response: 2684770  
Conc: 16.46 ug/ml

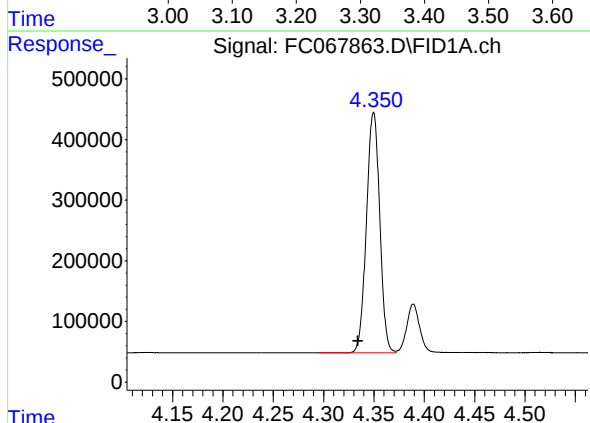
Instrument :

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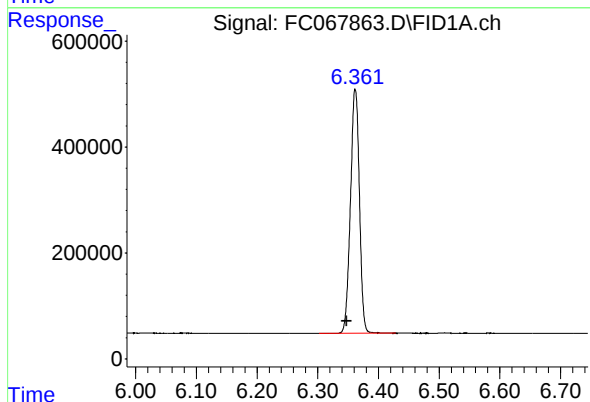
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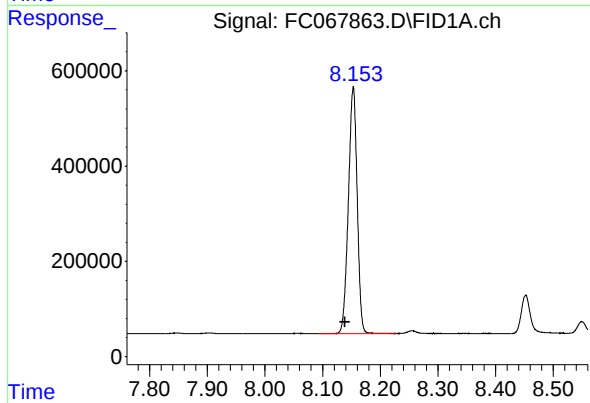
#2 n-Decane (C10)

R.T.: 4.350 min  
Delta R.T.: 0.015 min  
Response: 3639993  
Conc: 21.95 ug/ml



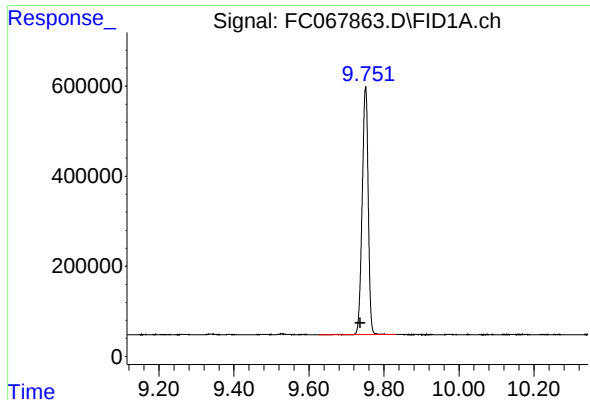
#4 n-Dodecane (C12)

R.T.: 6.362 min  
Delta R.T.: 0.014 min  
Response: 4727928  
Conc: 28.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min  
Delta R.T.: 0.014 min  
Response: 5491663  
Conc: 32.79 ug/ml



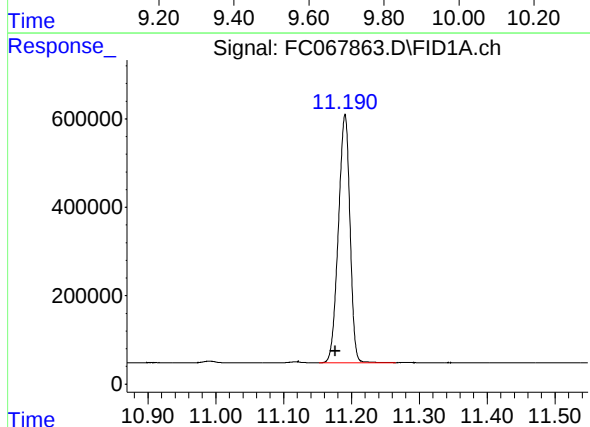
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: 0.014 min  
Response: 6142018  
Conc: 35.44 ug/ml

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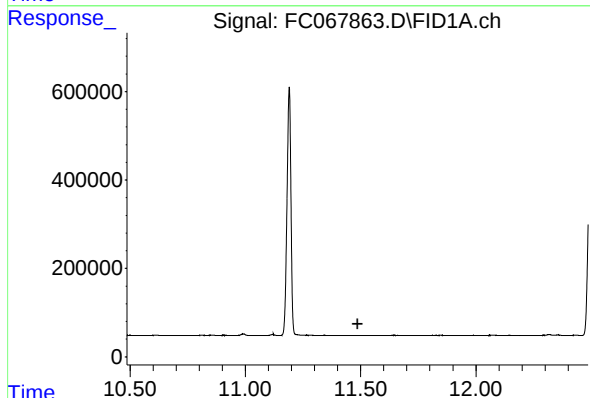
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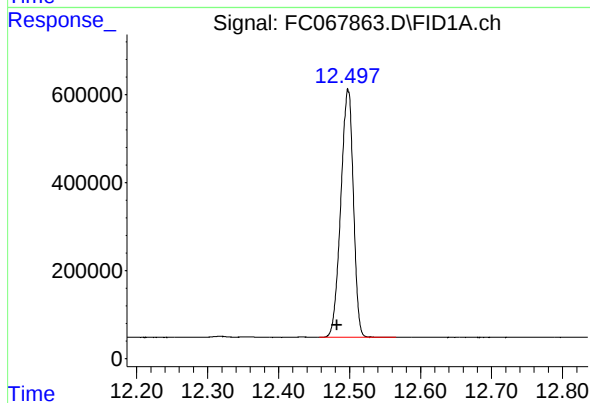
#8 n-Octadecane (C18)

R.T.: 11.190 min  
Delta R.T.: 0.014 min  
Response: 6667094  
Conc: 37.89 ug/ml



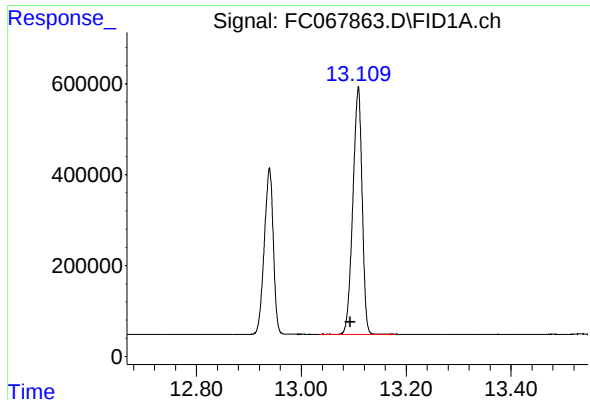
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.486 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.498 min  
Delta R.T.: 0.015 min  
Response: 6948453  
Conc: 41.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.108 min  
Delta R.T.: 0.015 min  
Response: 6671931  
Conc: 40.55 ug/ml

Instrument :

FID\_C

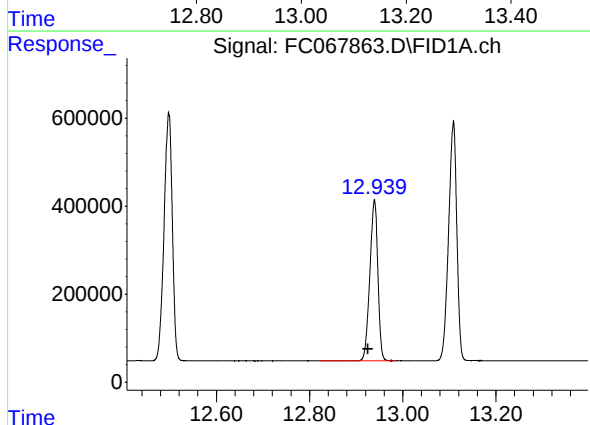
ClientSampleId :

PB165222BS

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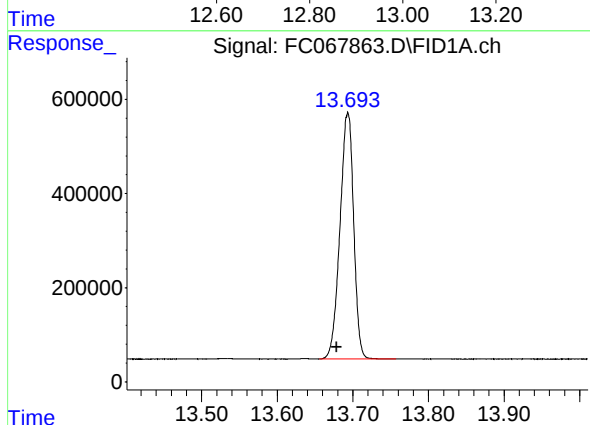
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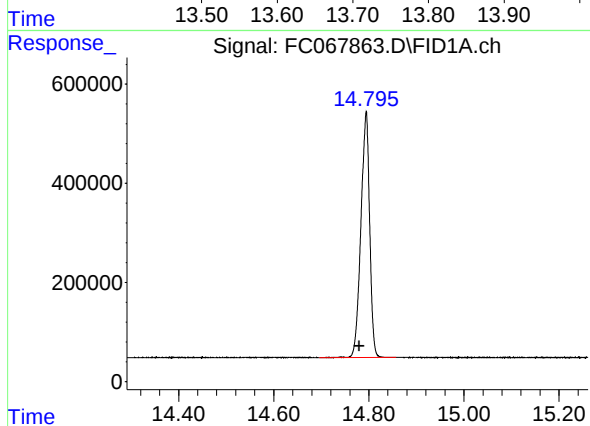
#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min  
Delta R.T.: 0.013 min  
Response: 4354421  
Conc: 30.00 ug/ml



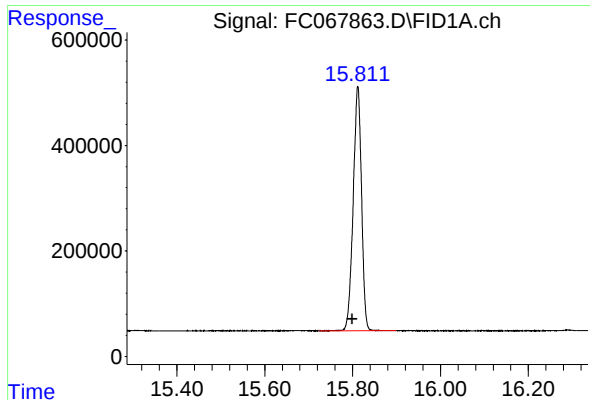
#13 n-Docosane (C22)

R.T.: 13.693 min  
Delta R.T.: 0.015 min  
Response: 6582346  
Conc: 40.42 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.794 min  
Delta R.T.: 0.014 min  
Response: 6356068  
Conc: 39.63 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.812 min  
Delta R.T.: 0.012 min  
Response: 6117103  
Conc: 39.50 ug/ml

Instrument :

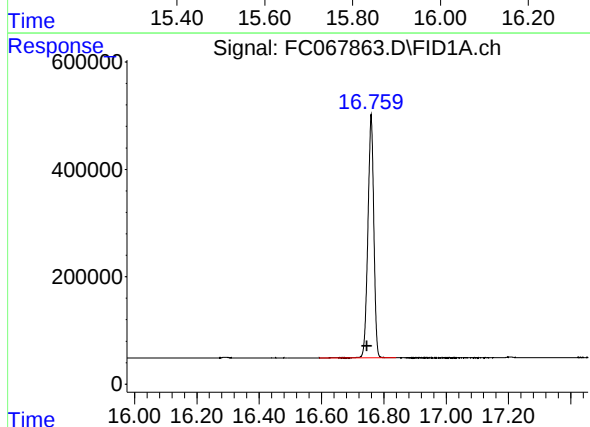
FID\_C

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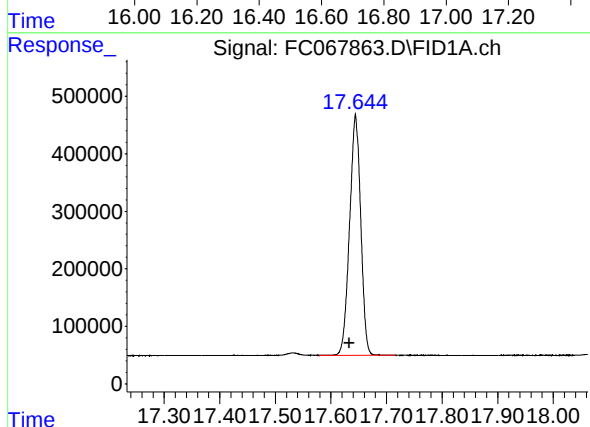
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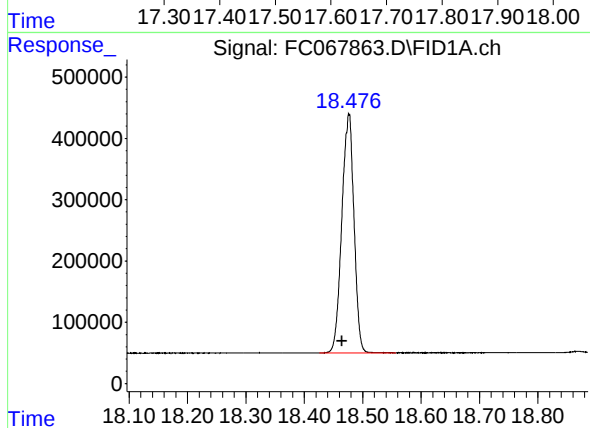
#16 n-Octacosane (C28)

R.T.: 16.759 min  
Delta R.T.: 0.012 min  
Response: 5934732  
Conc: 39.30 ug/ml



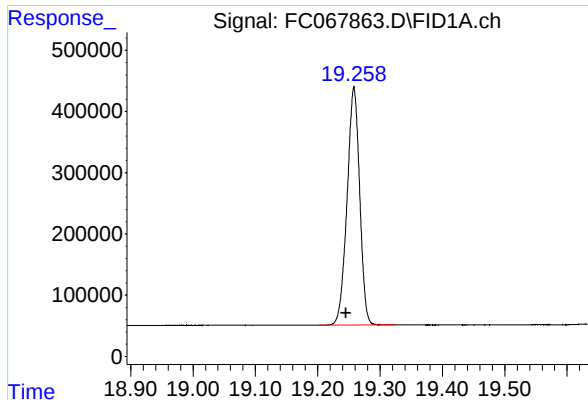
#17 n-Tricontane (C30)

R.T.: 17.644 min  
Delta R.T.: 0.011 min  
Response: 5830676  
Conc: 38.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.476 min  
Delta R.T.: 0.011 min  
Response: 5648590  
Conc: 38.25 ug/ml



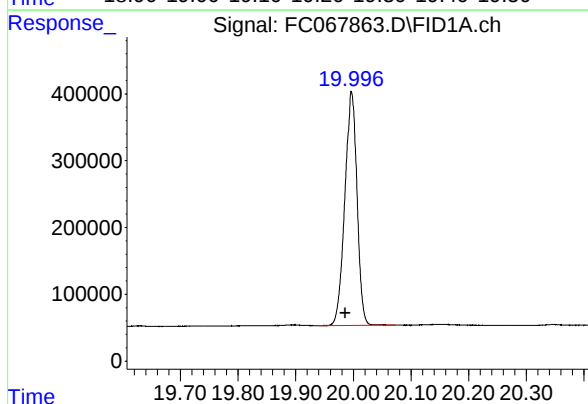
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min  
Delta R.T.: 0.013 min  
Response: 5453588  
Conc: 43.24 ug/ml

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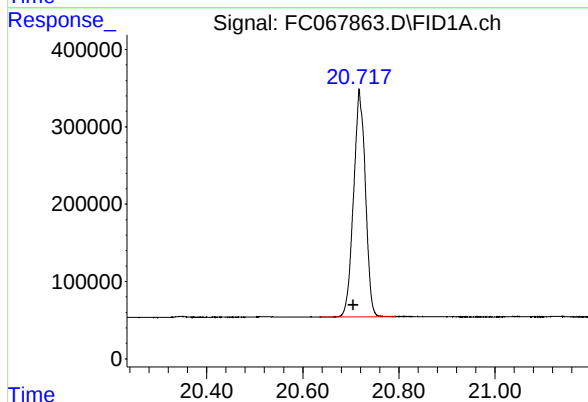
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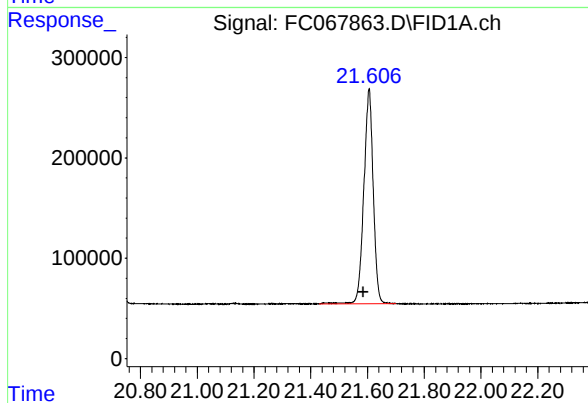
#20 n-Hexatriacontane (C36)

R.T.: 19.997 min  
Delta R.T.: 0.011 min  
Response: 5145983  
Conc: 49.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min  
Delta R.T.: 0.013 min  
Response: 5005772  
Conc: 51.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.606 min  
Delta R.T.: 0.021 min  
Response: 4933049  
Conc: 50.61 ug/ml m