

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110524AL\  
 Data File : FE051029.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Nov 2024 16:57  
 Operator : YP\AJ  
 Sample : PB164681BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB164681BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 06 00:40:49 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.855 | 7375506    | 46.782 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 93.56%        |
| 12) S 1-chlorooctadecane (S... | 13.287 | 5820941    | 49.208 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 98.42%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.250  | 5740939    | 40.632 ug/ml  |
| 2) T n-Decane (C10)            | 4.496  | 6047512    | 42.150 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 6350084    | 44.409 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.660  | 6575300    | 45.683 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.299  | 6047847    | 45.651 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.489  | 7165246    | 50.083 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.092 | 7464551    | 50.721 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.534 | 7558932    | 50.606 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.843 | 7551894    | 52.663 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.453 | 7239544    | 51.551 ug/ml  |
| 13) T n-Docosane (C22)         | 14.038 | 7201833    | 51.333 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.140 | 13274988   | 93.964 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.160 | 7119284    | 50.593 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.107 | 8041386    | 54.954 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.996 | 7496596    | 47.148 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.827 | 7716131    | 47.597 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.610 | 7966465    | 54.234 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.350 | 7940442    | 62.615 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.073 | 7757601    | 62.740 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.955 | 6874841    | 61.741 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB164681BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

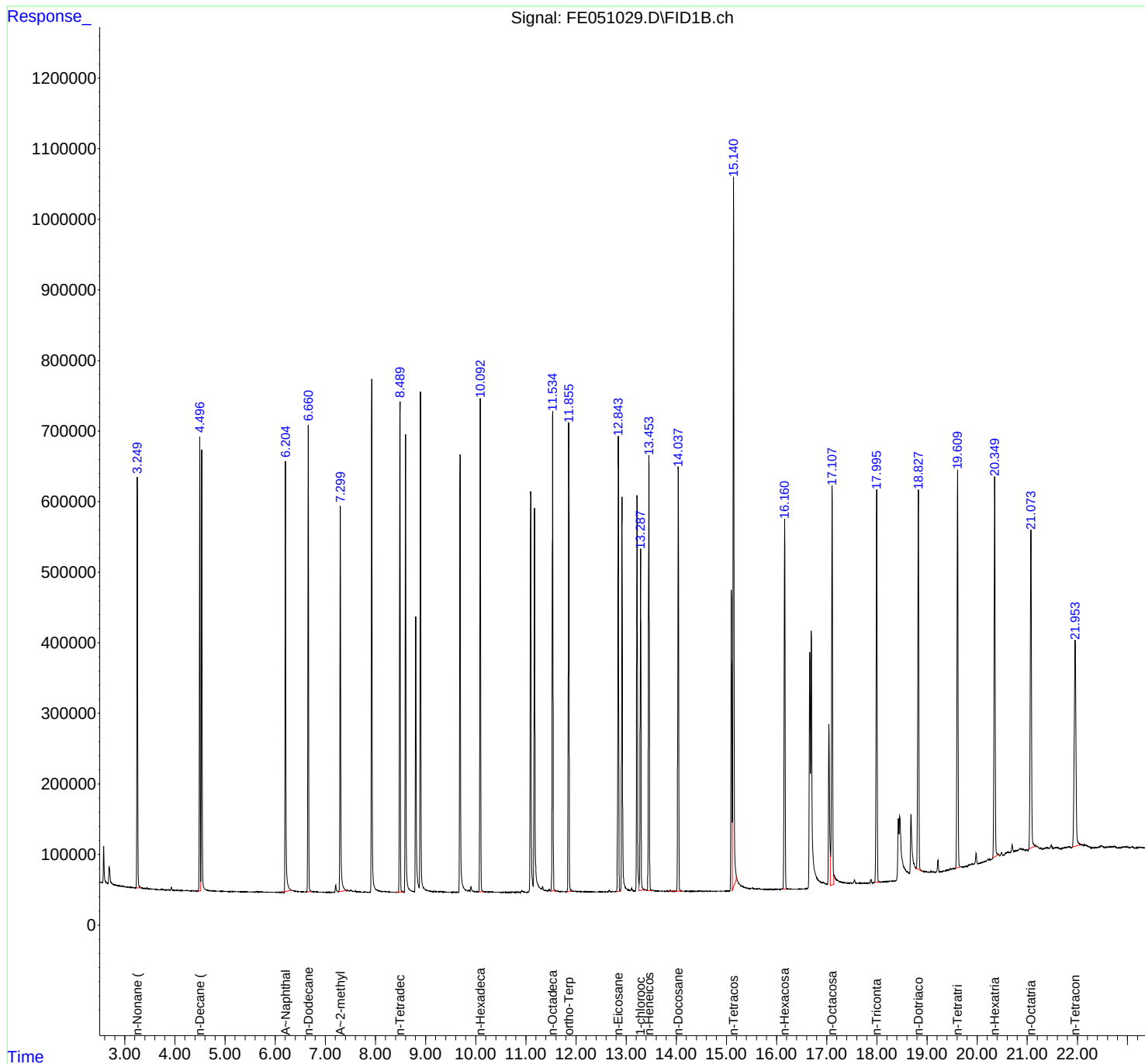
Instrument :  
FID\_E  
ClientSampleId :  
PB164681BS

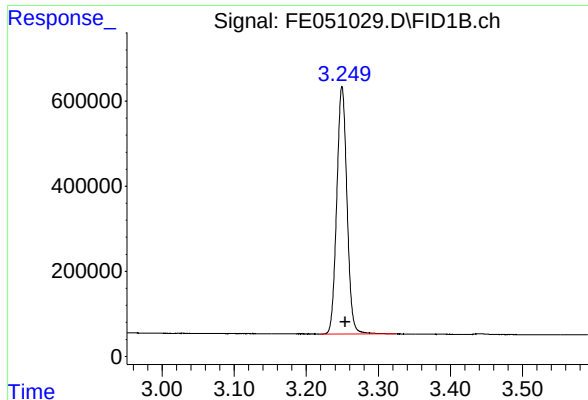
Manual Integrations  
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Supervised By :Ankita Jodhani 11/06/2024

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.  
Quant Title : GC Extractables  
QLast Update : Mon Oct 07 16:32:18 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.250 min  
Delta R.T.: -0.004 min  
Response: 5740939  
Conc: 40.63 ug/ml

Instrument :

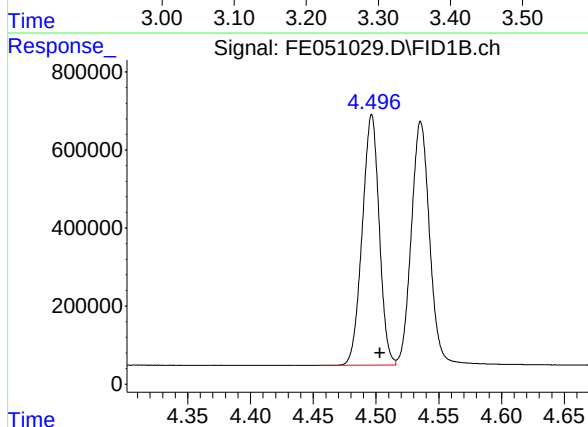
FID\_E

ClientSampleId :

PB164681BS

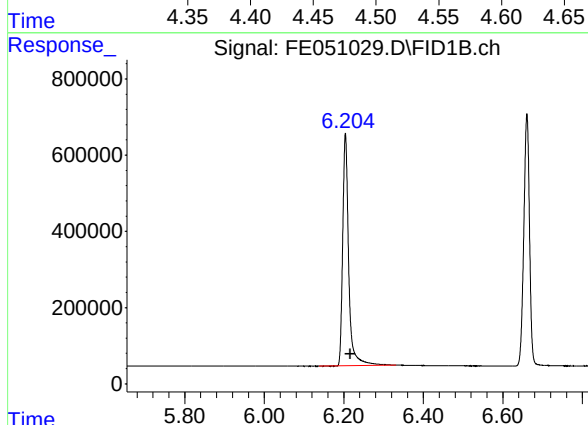
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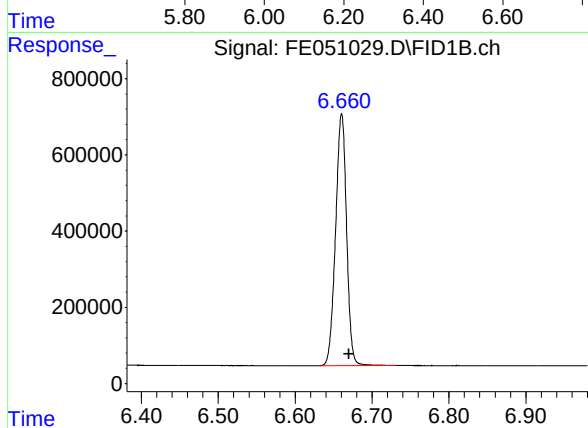
#2 n-Decane (C10)

R.T.: 4.496 min  
Delta R.T.: -0.006 min  
Response: 6047512  
Conc: 42.15 ug/ml



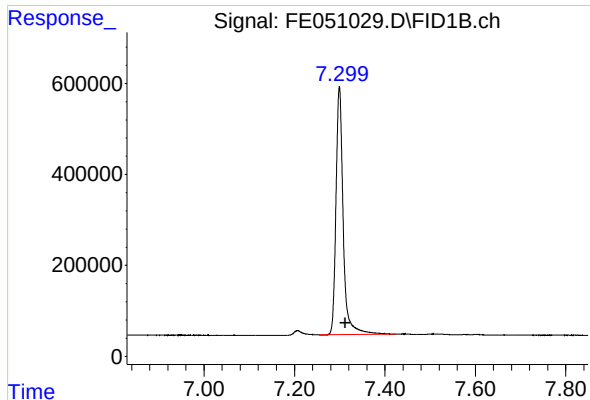
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min  
Delta R.T.: -0.012 min  
Response: 6350084  
Conc: 44.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.660 min  
Delta R.T.: -0.009 min  
Response: 6575300  
Conc: 45.68 ug/ml



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

R.T.: 7.299 min  
Delta R.T.: -0.013 min  
Response: 6047847  
Conc: 45.65 ug/ml

Instrument :

FID\_E

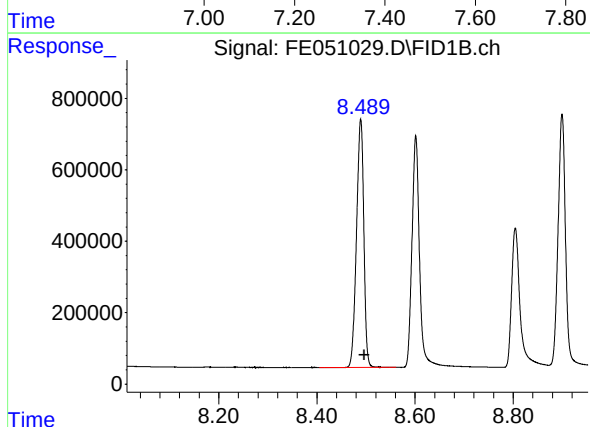
ClientSampleId :

PB164681BS

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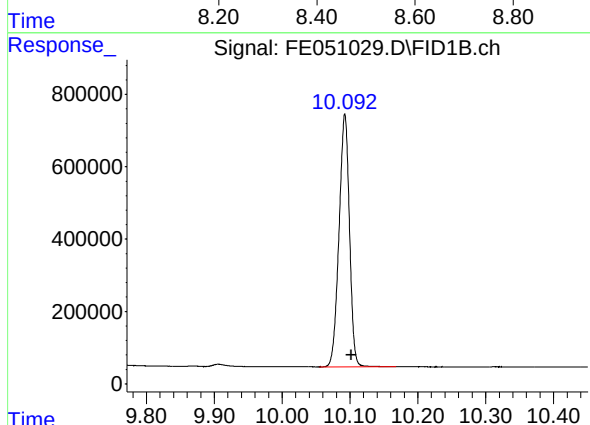
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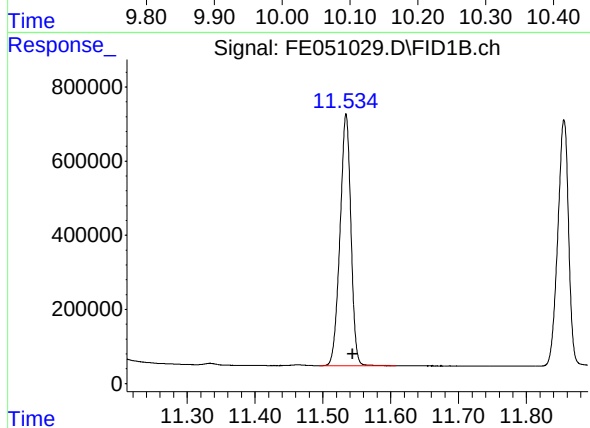
#6 n-Tetradecane (C14)

R.T.: 8.489 min  
Delta R.T.: -0.007 min  
Response: 7165246  
Conc: 50.08 ug/ml



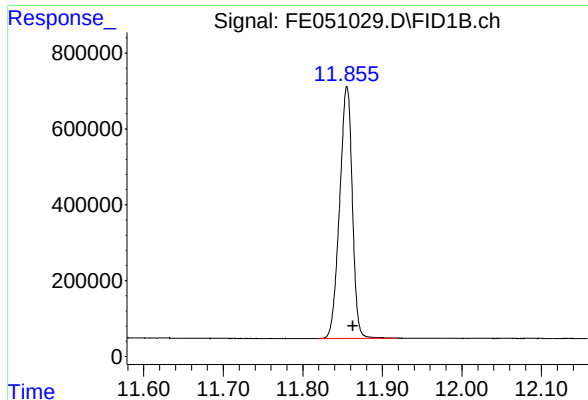
#7 n-Hexadecane (C16)

R.T.: 10.092 min  
Delta R.T.: -0.010 min  
Response: 7464551  
Conc: 50.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min  
Delta R.T.: -0.010 min  
Response: 7558932  
Conc: 50.61 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min  
Delta R.T.: -0.008 min  
Response: 7375506  
Conc: 46.78 ug/ml

Instrument :

FID\_E

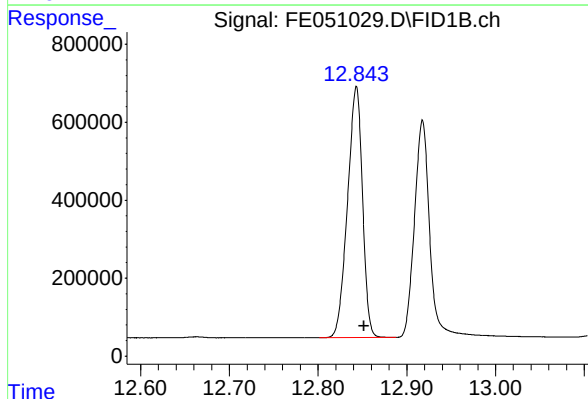
ClientSampleId :

PB164681BS

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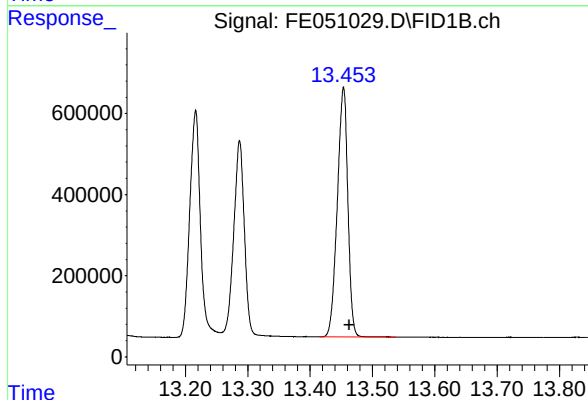
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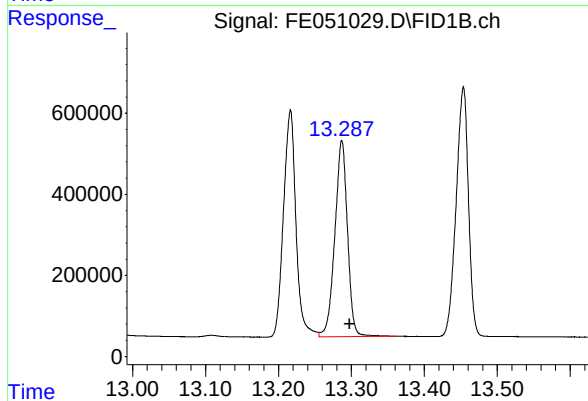
#10 n-Eicosane (C20)

R.T.: 12.843 min  
Delta R.T.: -0.009 min  
Response: 7551894  
Conc: 52.66 ug/ml



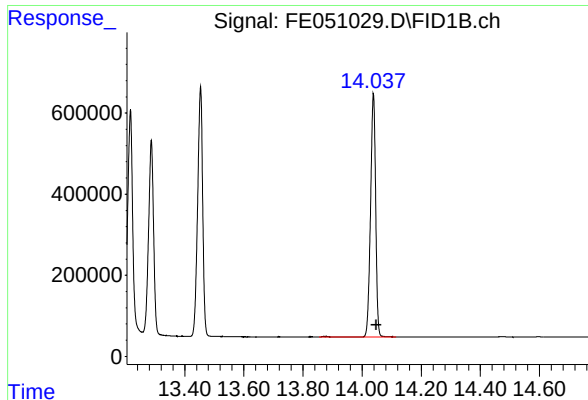
#11 n-Heneicosane (C21)

R.T.: 13.453 min  
Delta R.T.: -0.009 min  
Response: 7239544  
Conc: 51.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min  
Delta R.T.: -0.011 min  
Response: 5820941  
Conc: 49.21 ug/ml



#13 n-Docosane (C22)

R.T.: 14.038 min  
Delta R.T.: -0.010 min  
Response: 7201833  
Conc: 51.33 ug/ml

Instrument :

FID\_E

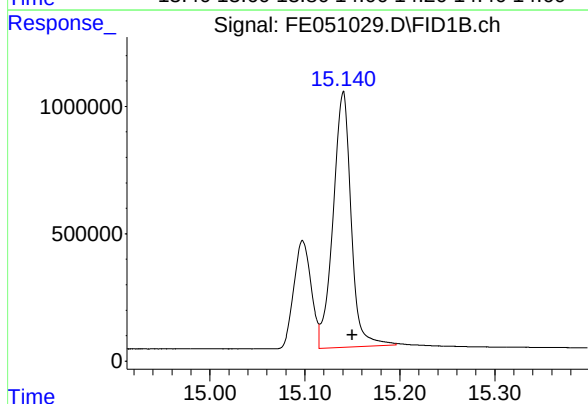
ClientSampleId :

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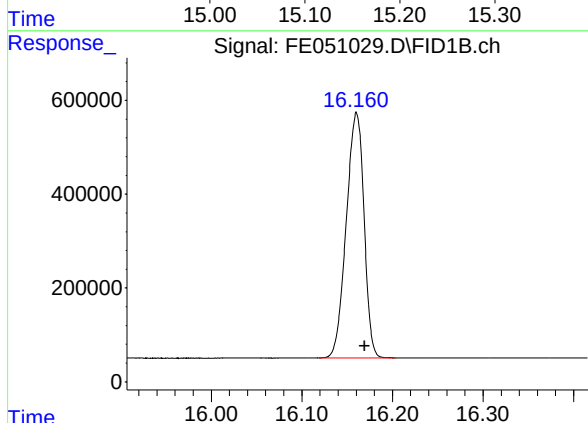
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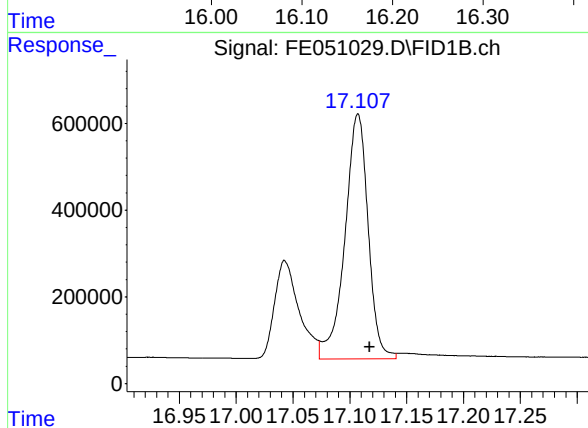
#14 n-Tetracosane (C24)

R.T.: 15.140 min  
Delta R.T.: -0.009 min  
Response: 13274988  
Conc: 93.96 ug/ml m



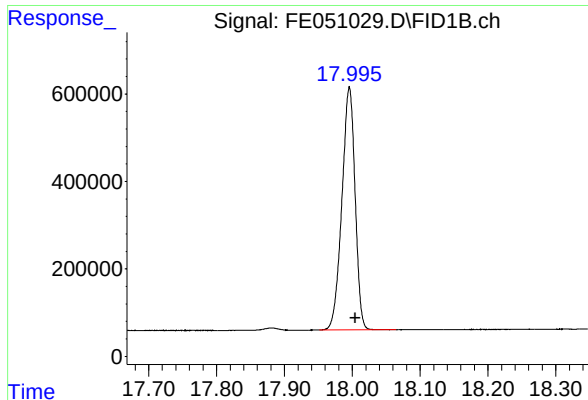
#15 n-Hexacosane (C26)

R.T.: 16.160 min  
Delta R.T.: -0.010 min  
Response: 7119284  
Conc: 50.59 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.107 min  
Delta R.T.: -0.010 min  
Response: 8041386  
Conc: 54.95 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.996 min  
Delta R.T.: -0.009 min  
Response: 7496596  
Conc: 47.15 ug/ml

Instrument :

FID\_E

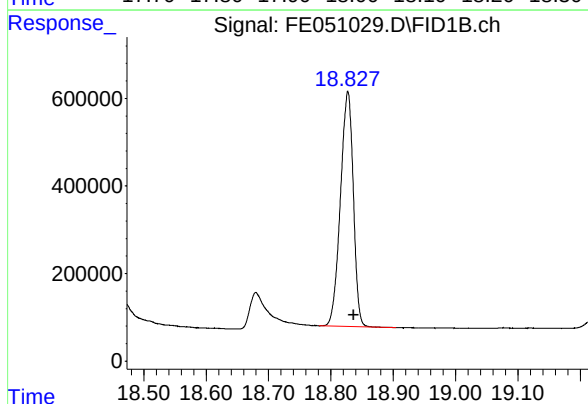
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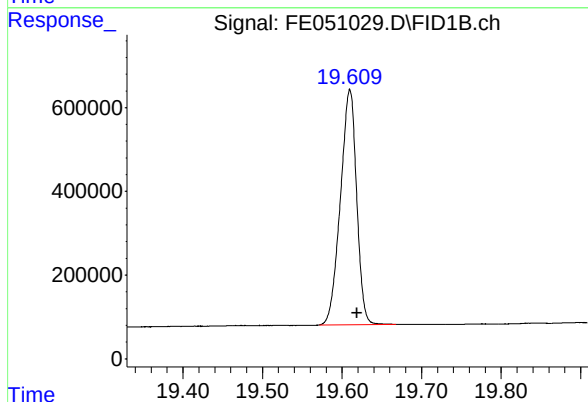
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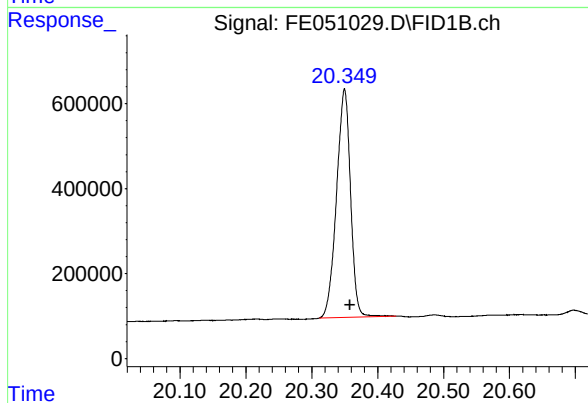
#18 n-Dotriacontane (C32)

R.T.: 18.827 min  
Delta R.T.: -0.009 min  
Response: 7716131  
Conc: 47.60 ug/ml



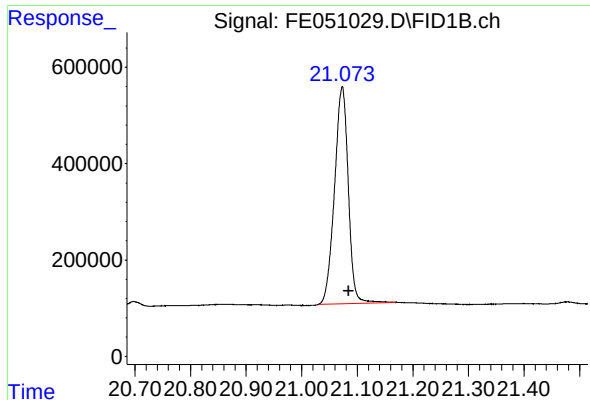
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min  
Delta R.T.: -0.009 min  
Response: 7966465  
Conc: 54.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min  
Delta R.T.: -0.009 min  
Response: 7940442  
Conc: 62.61 ug/ml



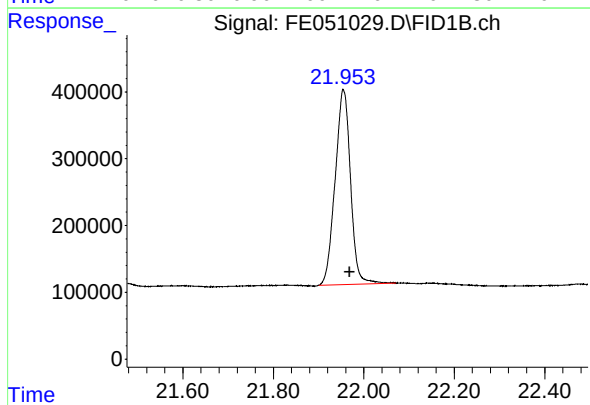
#21 n-Octatriacontane (C38)

R.T.: 21.073 min  
Delta R.T.: -0.011 min  
Response: 7757601  
Conc: 62.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min  
Delta R.T.: -0.014 min  
Response: 6874841  
Conc: 61.74 ug/ml