

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120522AL\  
 Data File : FE039123.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Dec 2022 17:17  
 Operator : YP\AJ  
 Sample : PB149414BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB149414BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/06/2022  
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: sample.E  
 Quant Time: Dec 06 03:09:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 19 05:37:37 2022  
 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)    | 11.945 | 6907777    | 44.156 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 88.31%        |
| 12) S 1-chlorooctadecane (S... | 13.379 | 5109361    | 42.317 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.63%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.350  | 7032103    | 49.610 ug/ml  |
| 2) T n-Decane (C10)            | 4.595  | 7395718    | 53.062 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.292  | 5870110    | 36.907 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.754  | 7916956    | 56.165 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.385  | 5872809    | 39.239 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.581  | 8022655    | 56.172 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.186 | 8536144    | 58.382 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.628 | 8992049    | 61.108 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.937 | 8854060    | 62.369 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.549 | 8805037    | 61.964 ug/ml  |
| 13) T n-Docosane (C22)         | 14.134 | 8903012    | 63.689 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.236 | 8089319    | 58.574 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.258 | 8854551    | 65.924 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.206 | 8797169    | 66.244 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.095 | 8519089    | 64.509 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.926 | 8381455    | 62.845 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.709 | 7620094    | 57.587 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.447 | 6129506    | 47.711 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.184 | 4730378    | 36.100 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.101 | 3539497    | 25.994 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB149414BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

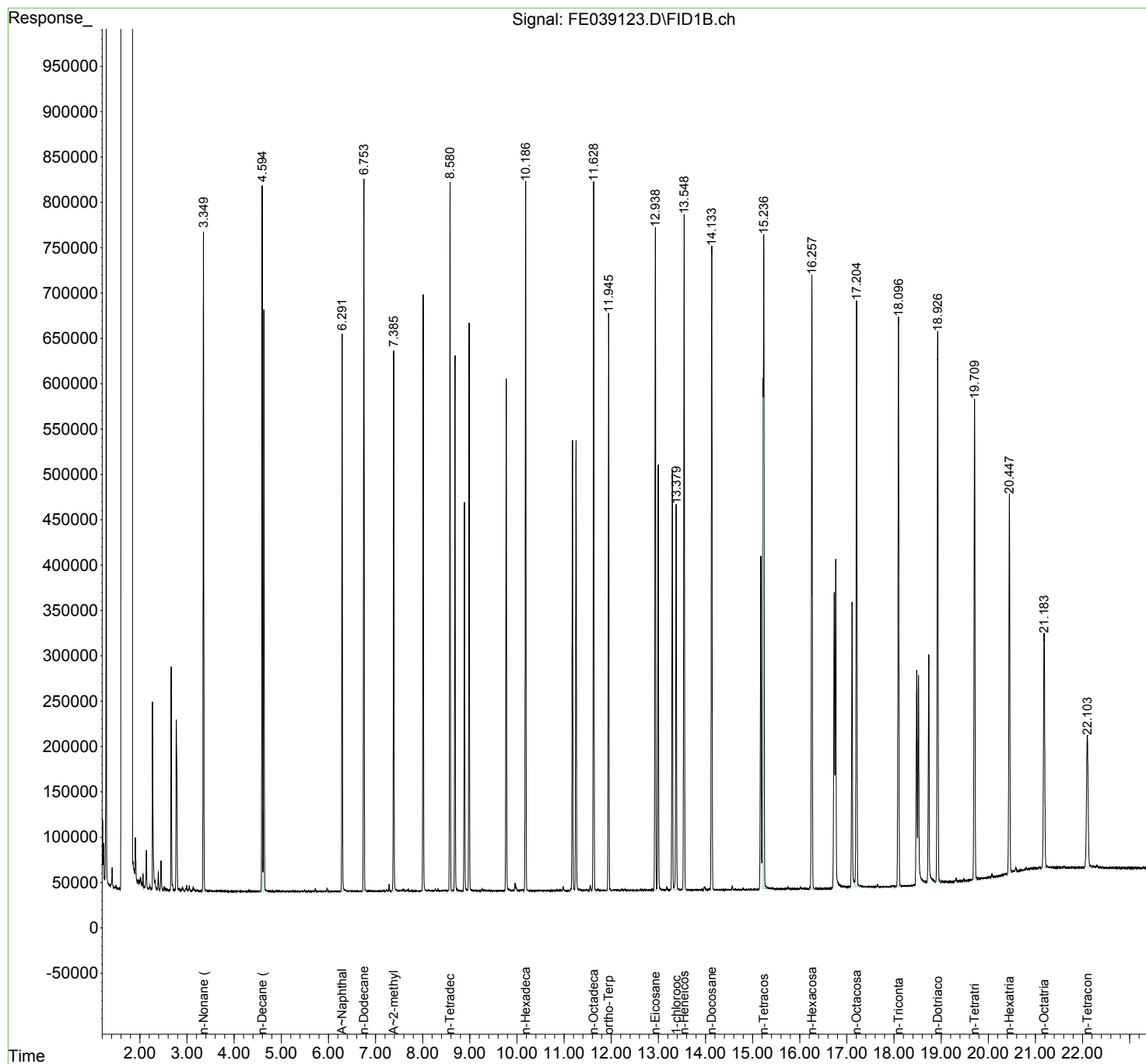
Instrument :  
FID\_E  
ClientSampleId :  
PB149414BSD

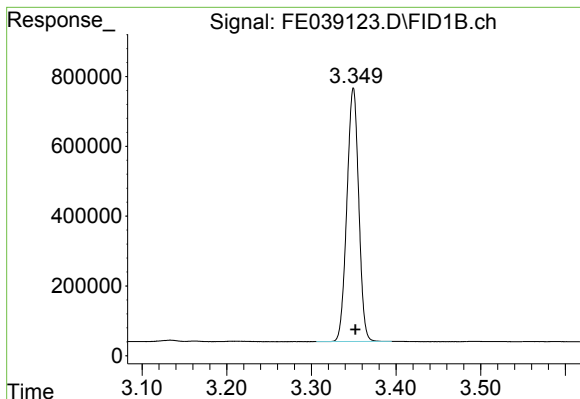
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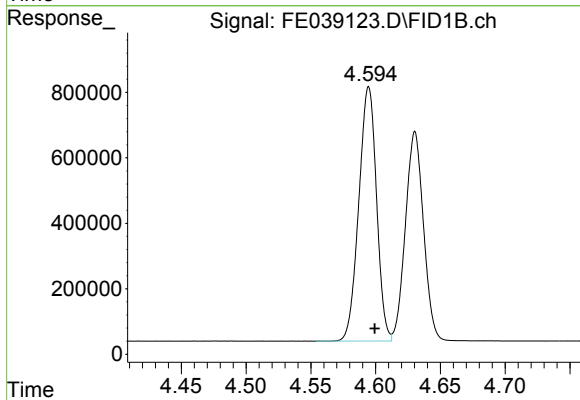
#1 n-Nonane (C9)

R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 7032103  
Conc: 49.61 ug/ml

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ClientSampleId :  
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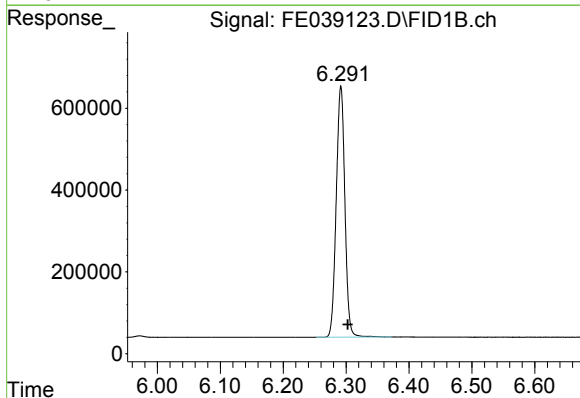
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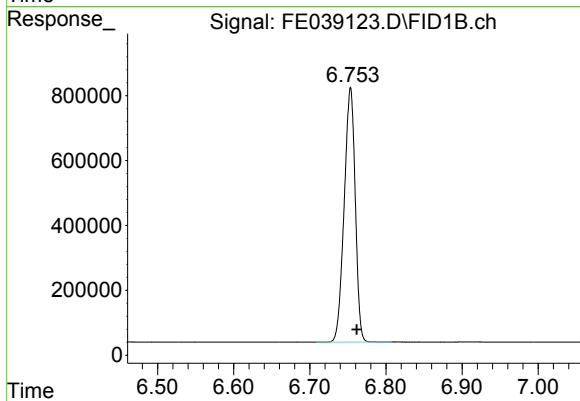
#2 n-Decane (C10)

R.T.: 4.595 min  
Delta R.T.: -0.005 min  
Response: 7395718  
Conc: 53.06 ug/ml



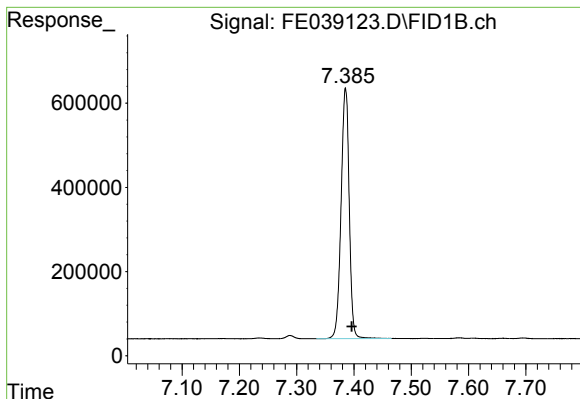
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min  
Delta R.T.: -0.011 min  
Response: 5870110  
Conc: 36.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.754 min  
Delta R.T.: -0.008 min  
Response: 7916956  
Conc: 56.16 ug/ml



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

R.T.: 7.385 min  
Delta R.T.: -0.010 min  
Response: 5872809  
Conc: 39.24 ug/ml

Instrument :

FID\_E

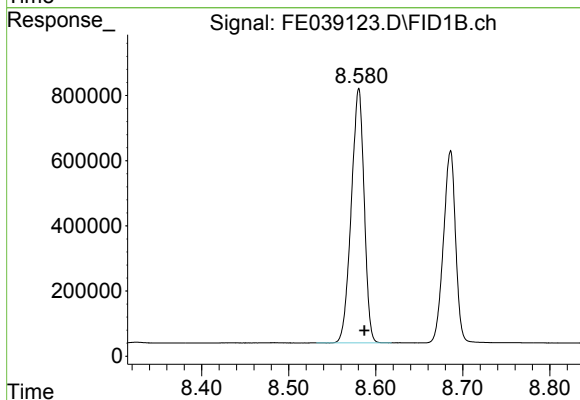
ClientSampleId :

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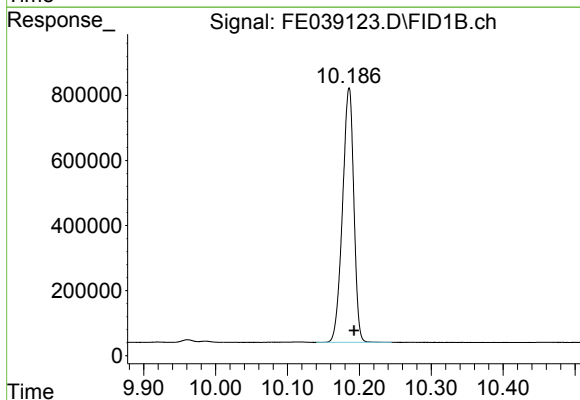
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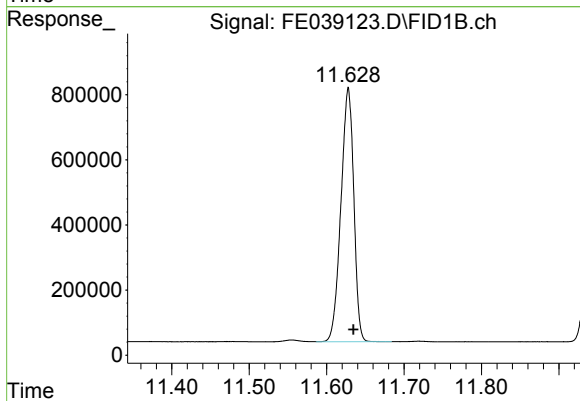
#6 n-Tetradecane (C14)

R.T.: 8.581 min  
Delta R.T.: -0.006 min  
Response: 8022655  
Conc: 56.17 ug/ml



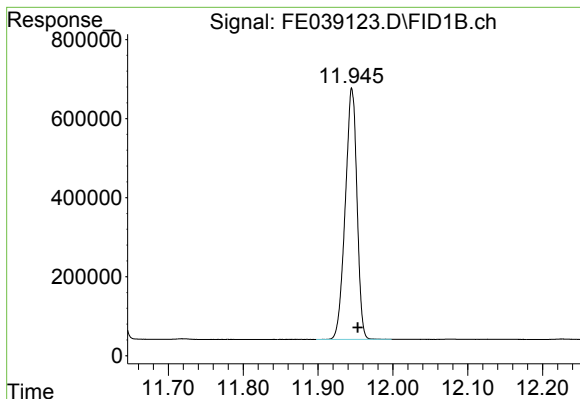
#7 n-Hexadecane (C16)

R.T.: 10.186 min  
Delta R.T.: -0.007 min  
Response: 8536144  
Conc: 58.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min  
Delta R.T.: -0.007 min  
Response: 8992049  
Conc: 61.11 ug/ml



# #9 ortho-Terphenyl (SURR)

R.T.: 11.945 min  
Delta R.T.: -0.008 min  
Response: 6907777  
Conc: 44.16 ug/ml

Instrument :

FID\_E

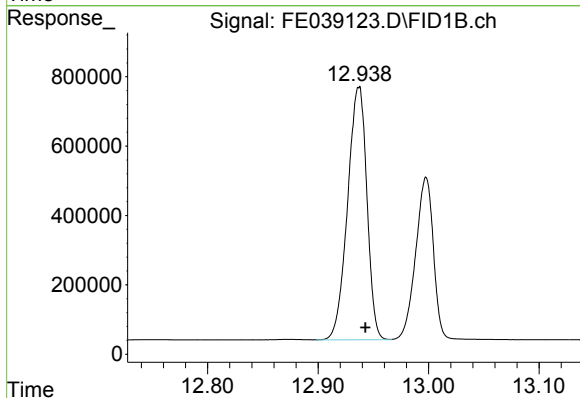
ClientSampleId :

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## Manual Integrations

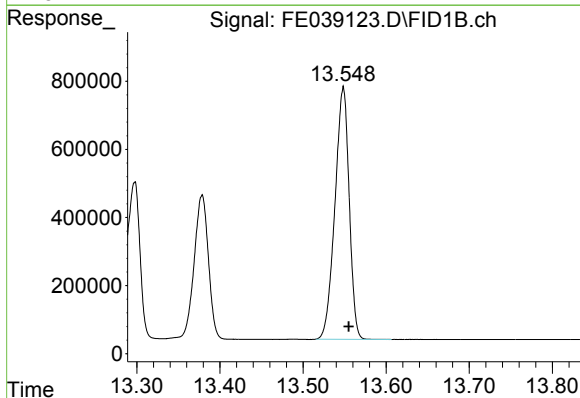
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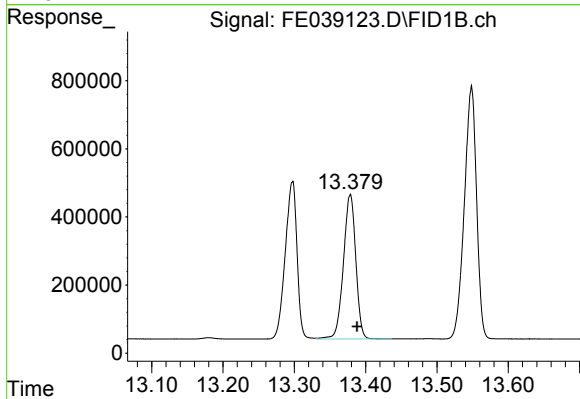
# #10 n-Eicosane (C20)

R.T.: 12.937 min  
Delta R.T.: -0.006 min  
Response: 8854060  
Conc: 62.37 ug/ml



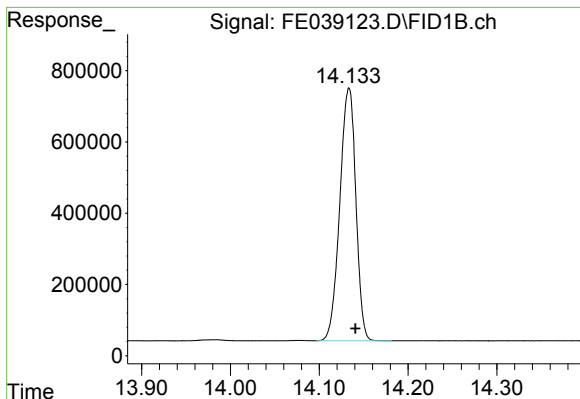
# #11 n-Heneicosane (C21)

R.T.: 13.549 min  
Delta R.T.: -0.006 min  
Response: 8805037  
Conc: 61.96 ug/ml



# #12 1-chlorooctadecane (SURR)

R.T.: 13.379 min  
Delta R.T.: -0.010 min  
Response: 5109361  
Conc: 42.32 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min  
Delta R.T.: -0.007 min  
Response: 8903012  
Conc: 63.69 ug/ml

Instrument :

FID\_E

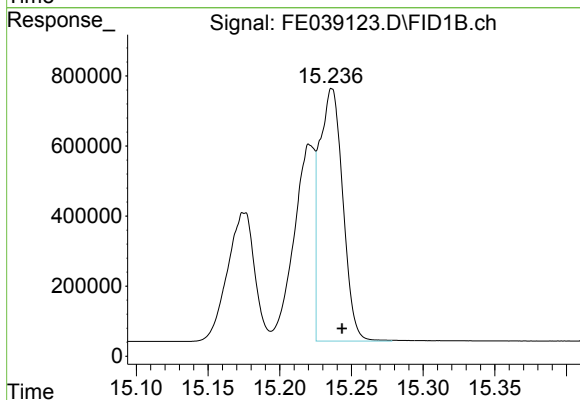
ClientSampleId :

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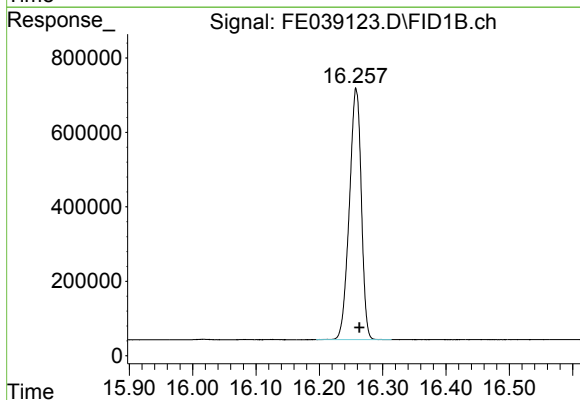
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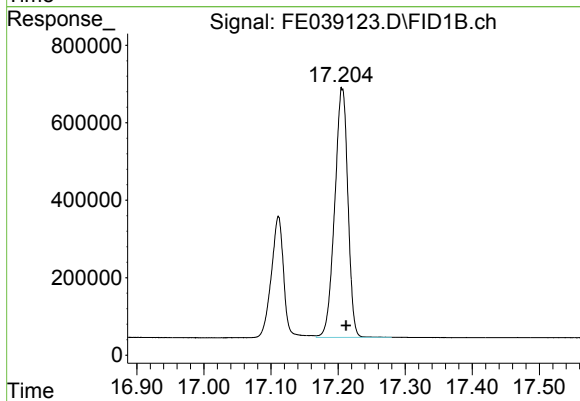
#14 n-Tetracosane (C24)

R.T.: 15.236 min  
Delta R.T.: -0.008 min  
Response: 8089319  
Conc: 58.57 ug/ml m



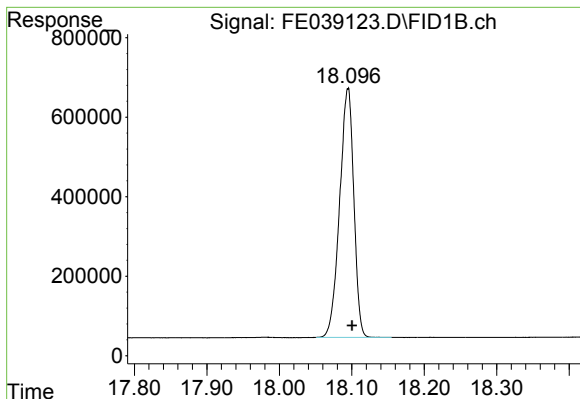
#15 n-Hexacosane (C26)

R.T.: 16.258 min  
Delta R.T.: -0.005 min  
Response: 8854551  
Conc: 65.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min  
Delta R.T.: -0.006 min  
Response: 8797169  
Conc: 66.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.095 min  
Delta R.T.: -0.005 min  
Response: 8519089  
Conc: 64.51 ug/ml

Instrument :

FID\_E

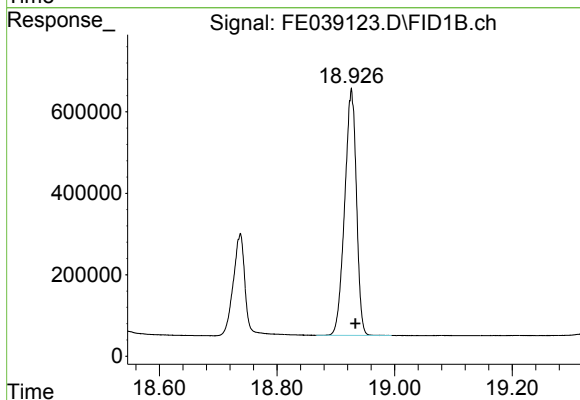
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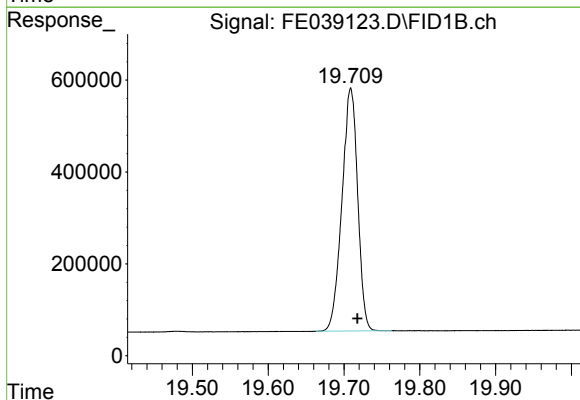
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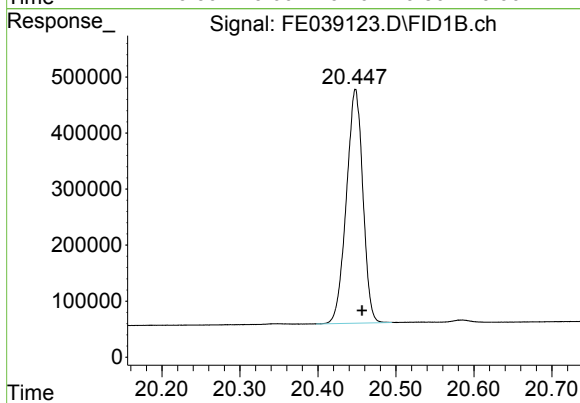
#18 n-Dotriacontane (C32)

R.T.: 18.926 min  
Delta R.T.: -0.007 min  
Response: 8381455  
Conc: 62.85 ug/ml



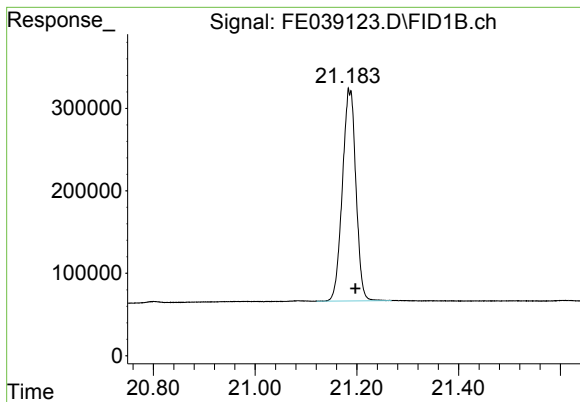
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min  
Delta R.T.: -0.009 min  
Response: 7620094  
Conc: 57.59 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min  
Delta R.T.: -0.010 min  
Response: 6129506  
Conc: 47.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min  
Delta R.T.: -0.013 min  
Response: 4730378  
Conc: 36.10 ug/ml

Instrument :

FID\_E

ClientSampleId :

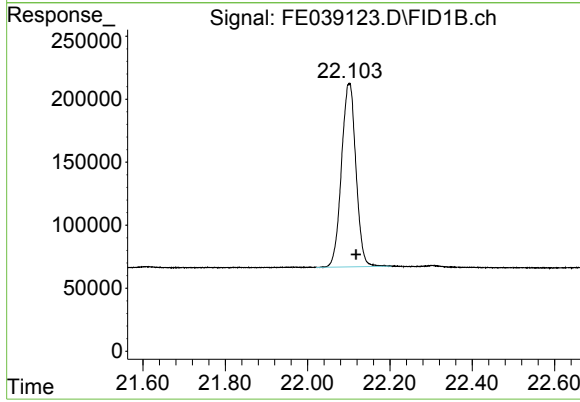
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#22 n-Tetracontane (C40)

R.T.: 22.101 min  
Delta R.T.: -0.016 min  
Response: 3539497  
Conc: 25.99 ug/ml