

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091422AL\  
 Data File : FE037572.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Sep 2022 04:52  
 Operator : YP\AJ  
 Sample : PB147634BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB147634BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022  
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e  
 Quant Time: Sep 15 07:35:07 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 30 06:54:11 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)    | 11.631 | 6835107    | 40.446 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.89%        |
| 12) S 1-chlorooctadecane (S... | 13.054 | 5590223    | 43.436 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 86.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.038  | 6025626    | 39.382 ug/ml  |
| 2) T n-Decane (C10)            | 4.290  | 6219869    | 40.343 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.998  | 6571765    | 45.615 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.456  | 6732248    | 42.573 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.090  | 6613254    | 47.368 ug/ml  |
| 6) T n-Tetradecane (C14)       | 9.874  | 7451495    | 47.026 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.874  | 7451495    | 47.026 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.310 | 7562311    | 47.489 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.612 | 7255630    | 45.858 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.220 | 7141420    | 45.288 ug/ml  |
| 13) T n-Docosane (C22)         | 13.803 | 6988266    | 44.892 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.900 | 13277923   | 88.282 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.917 | 6565366    | 45.340 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.860 | 6753604    | 48.749 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.745 | 6363093    | 46.777 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.571 | 6473481    | 48.479 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.351 | 6495116    | 51.334 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.085 | 6354058    | 49.404 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.784 | 6677179    | 53.649 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.560 | 6879560    | 53.365 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB147634BS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

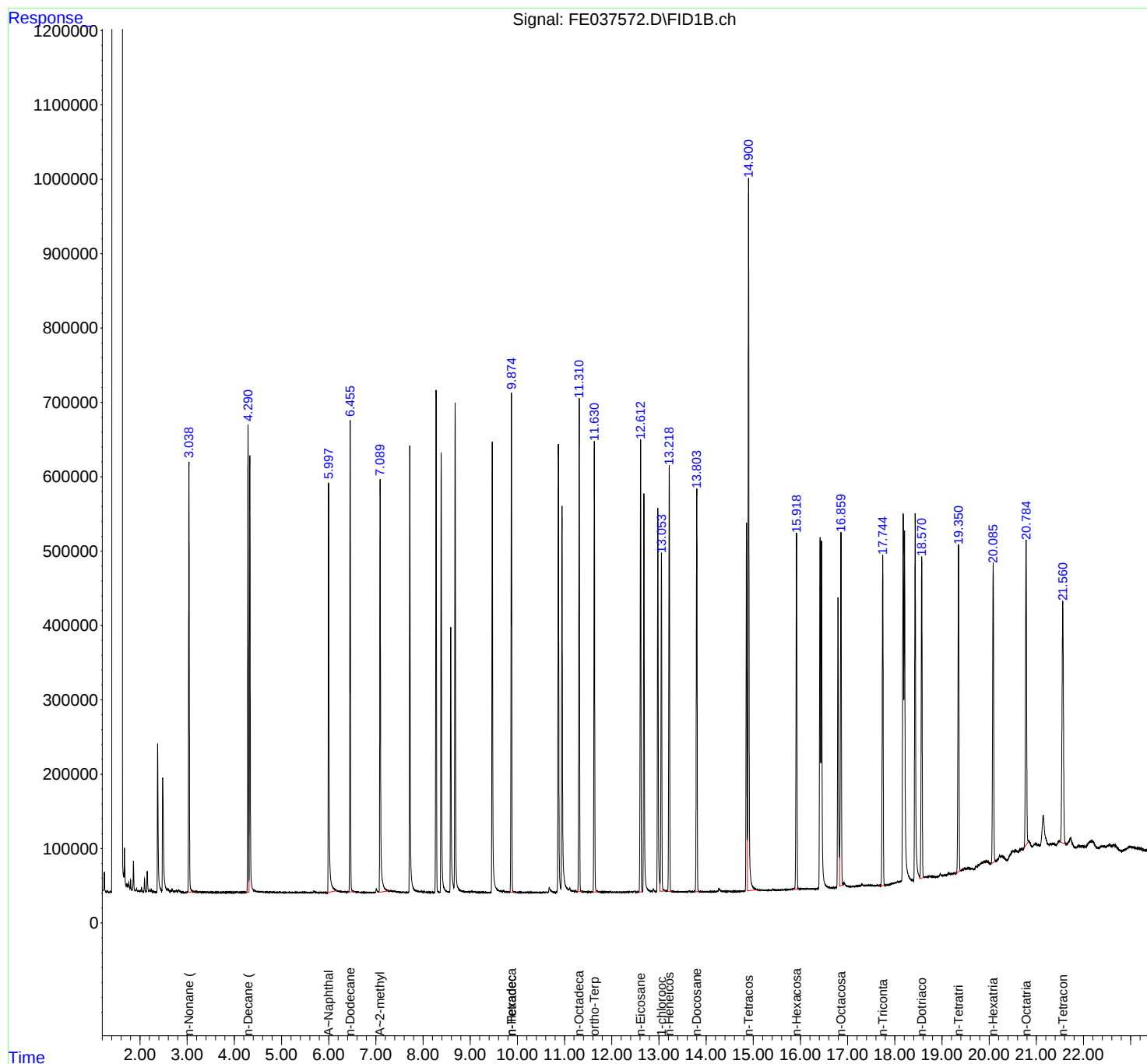
Instrument :  
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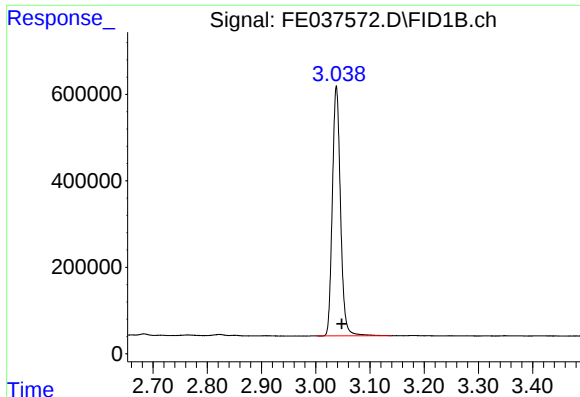
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 30 06:54:11 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.038 min  
Delta R.T.: -0.010 min  
Response: 6025626  
Conc: 39.38 ug/ml

Instrument :

FID\_E

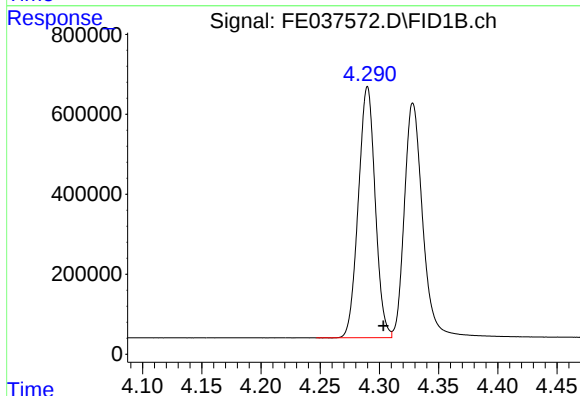
ClientSampleId :

PB147634BS

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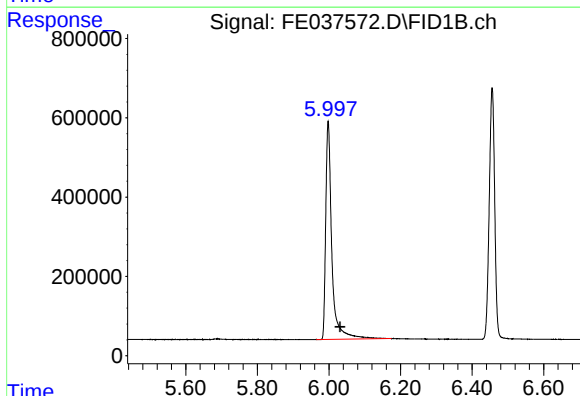
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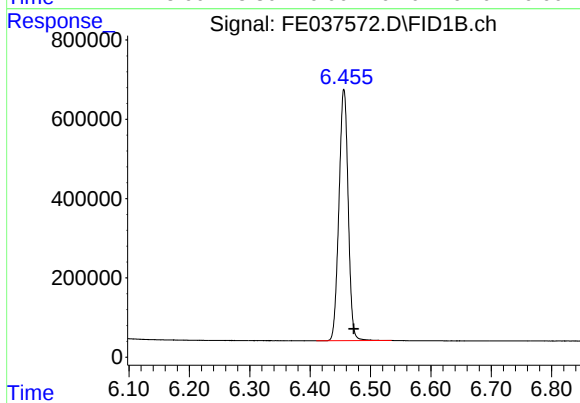
#2 n-Decane (C10)

R.T.: 4.290 min  
Delta R.T.: -0.013 min  
Response: 6219869  
Conc: 40.34 ug/ml



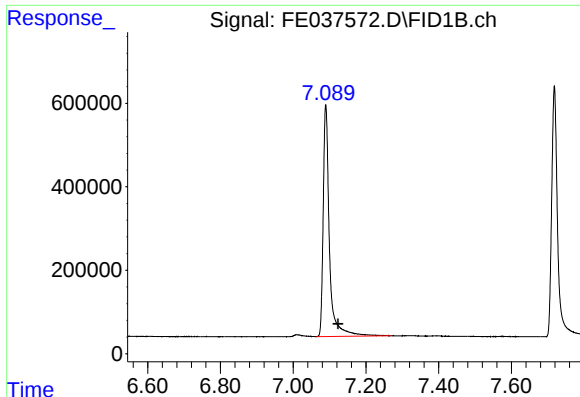
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min  
Delta R.T.: -0.033 min  
Response: 6571765  
Conc: 45.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.456 min  
Delta R.T.: -0.016 min  
Response: 6732248  
Conc: 42.57 ug/ml



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

R.T.: 7.090 min  
Delta R.T.: -0.034 min  
Response: 6613254  
Conc: 47.37 ug/ml

Instrument :

FID\_E

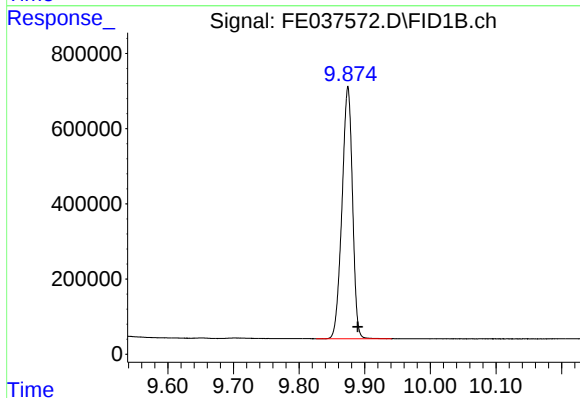
ClientSampleId :

PB147634BS

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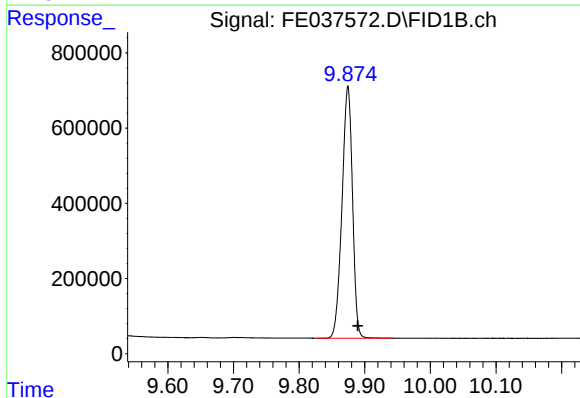
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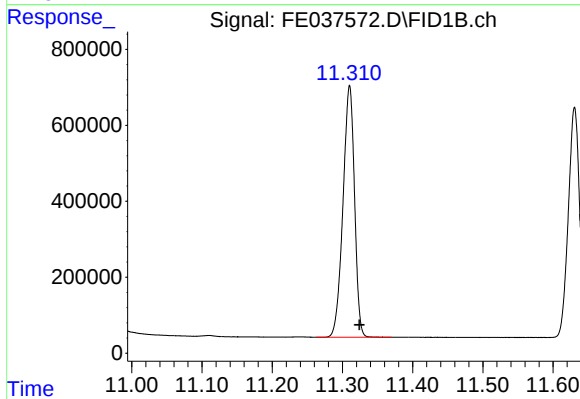
#6 n-Tetradecane (C14)

R.T.: 9.874 min  
Delta R.T.: -0.015 min  
Response: 7451495  
Conc: 47.03 ug/ml



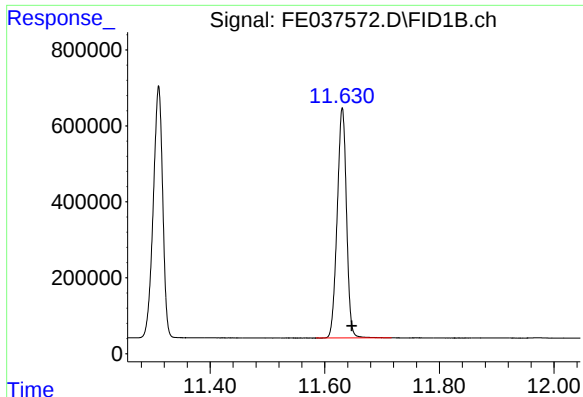
#7 n-Hexadecane (C16)

R.T.: 9.874 min  
Delta R.T.: -0.015 min  
Response: 7451495  
Conc: 47.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.310 min  
Delta R.T.: -0.014 min  
Response: 7562311  
Conc: 47.49 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min  
Delta R.T.: -0.016 min  
Response: 6835107  
Conc: 40.45 ug/ml

Instrument :

FID\_E

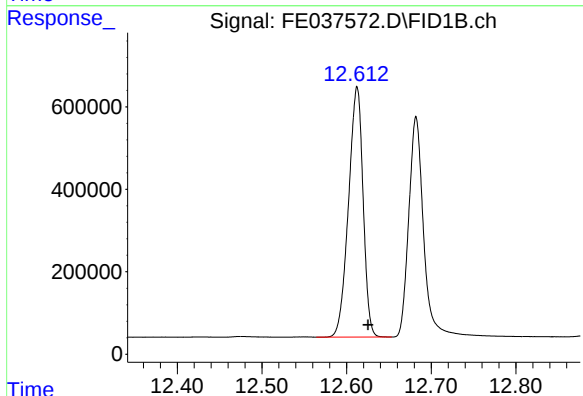
ClientSampleId :

PB147634BS

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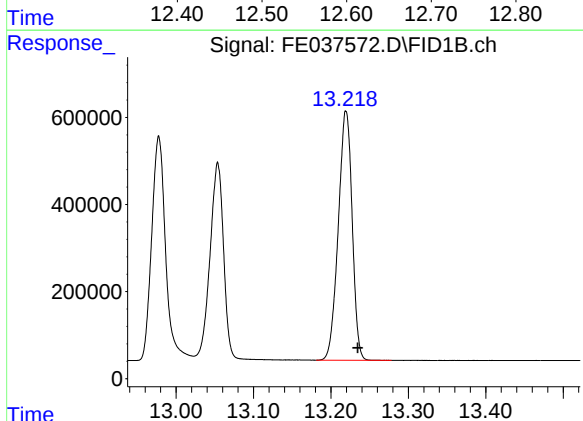
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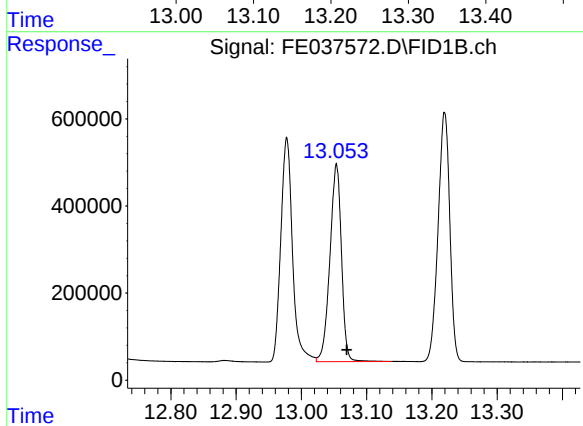
#10 n-Eicosane (C20)

R.T.: 12.612 min  
Delta R.T.: -0.013 min  
Response: 7255630  
Conc: 45.86 ug/ml



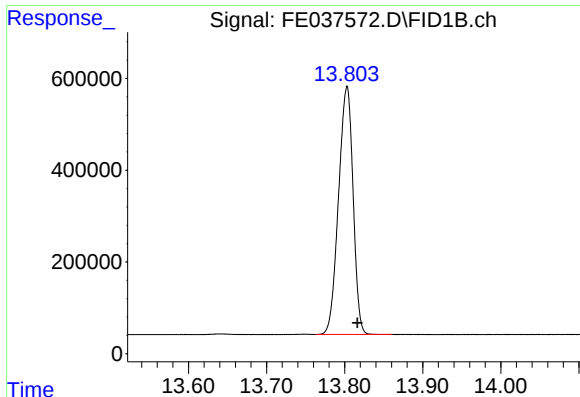
#11 n-Heneicosane (C21)

R.T.: 13.220 min  
Delta R.T.: -0.015 min  
Response: 7141420  
Conc: 45.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min  
Delta R.T.: -0.016 min  
Response: 5590223  
Conc: 43.44 ug/ml



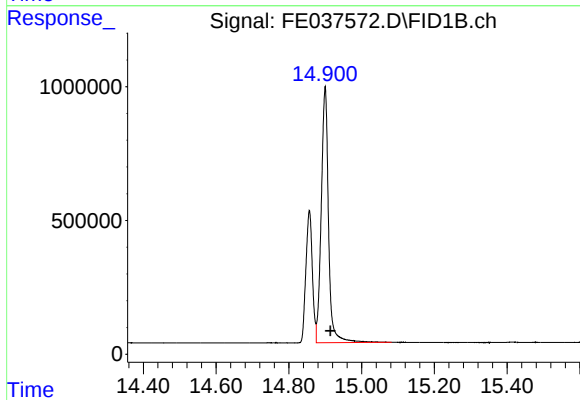
#13 n-Docosane (C22)

R.T.: 13.803 min  
Delta R.T.: -0.013 min  
Response: 6988266  
Conc: 44.89 ug/ml

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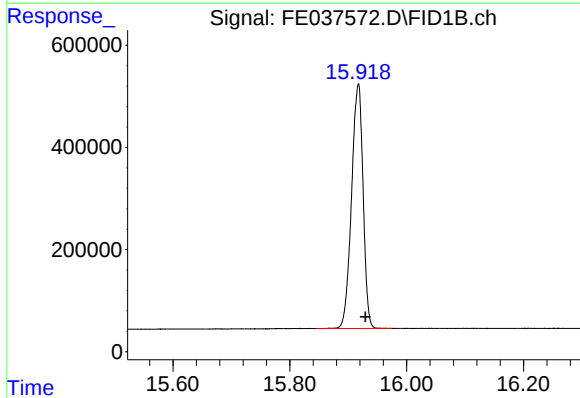
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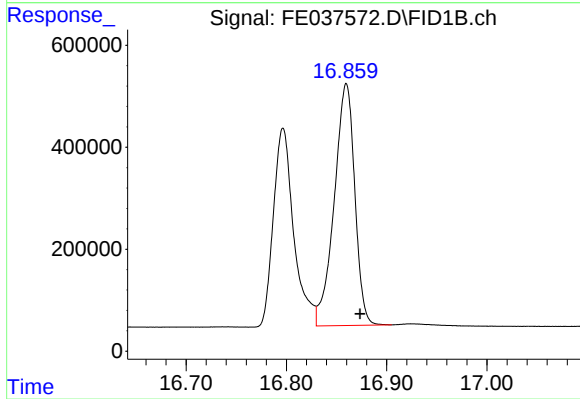
#14 n-Tetracosane (C24)

R.T.: 14.900 min  
Delta R.T.: -0.015 min  
Response: 13277923  
Conc: 88.28 ug/ml



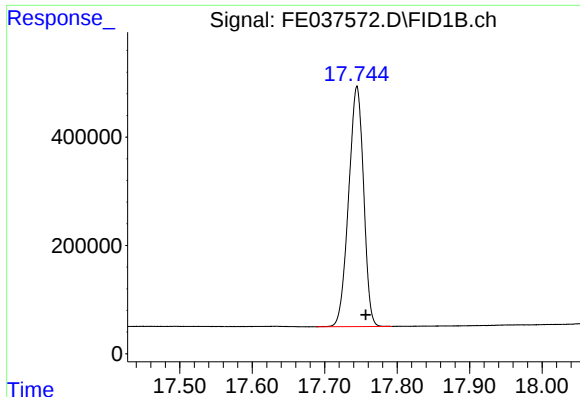
#15 n-Hexacosane (C26)

R.T.: 15.917 min  
Delta R.T.: -0.012 min  
Response: 6565366  
Conc: 45.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min  
Delta R.T.: -0.014 min  
Response: 6753604  
Conc: 48.75 ug/ml



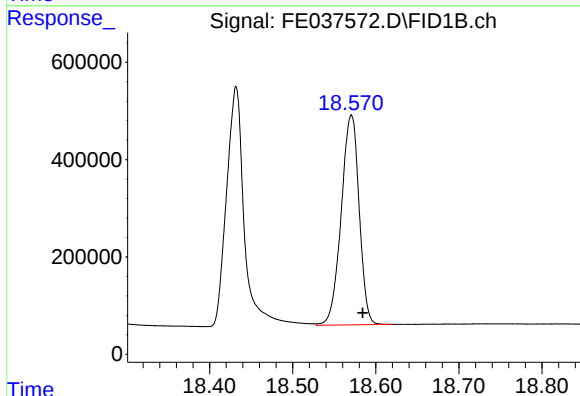
#17 n-Tricontane (C30)

R.T.: 17.745 min  
Delta R.T.: -0.012 min  
Response: 6363093  
Conc: 46.78 ug/ml

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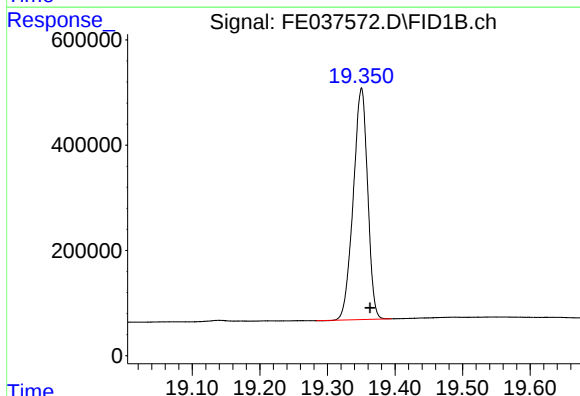
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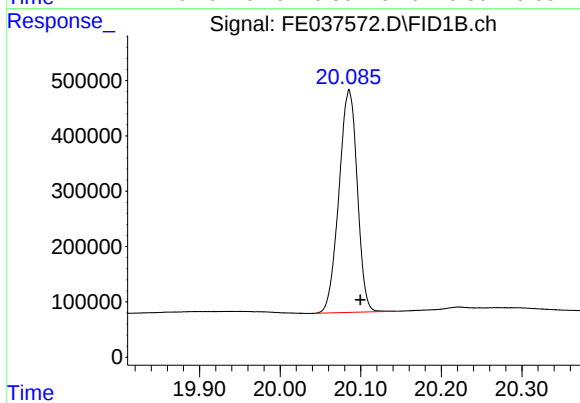
#18 n-Dotriacontane (C32)

R.T.: 18.571 min  
Delta R.T.: -0.014 min  
Response: 6473481  
Conc: 48.48 ug/ml



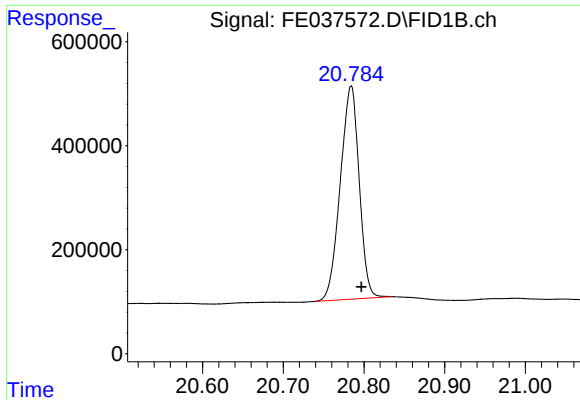
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min  
Delta R.T.: -0.013 min  
Response: 6495116  
Conc: 51.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min  
Delta R.T.: -0.014 min  
Response: 6354058  
Conc: 49.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.784 min  
Delta R.T.: -0.012 min  
Response: 6677179  
Conc: 53.65 ug/ml

Instrument :

FID\_E

ClientSampleId :

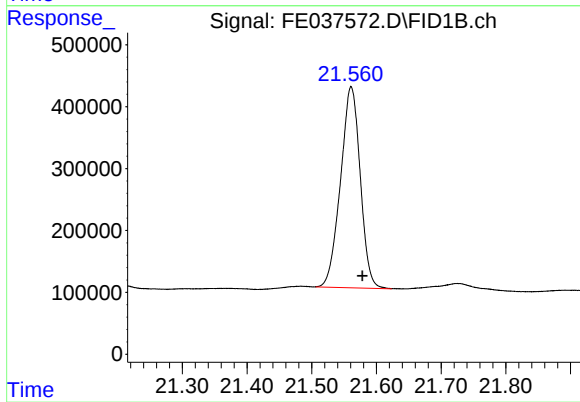
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#22 n-Tetracontane (C40)

R.T.: 21.560 min  
Delta R.T.: -0.018 min  
Response: 6879560  
Conc: 53.36 ug/ml m