

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111125AL\  
 Data File : FE056743.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Nov 2025 21:45  
 Operator : YP\AJ  
 Sample : PB170479BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB170479BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025  
 Supervised By :Yogesh Patel 11/12/2025

Integration File: sample.E  
 Quant Time: Nov 12 01:42:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 30 12:50:27 2025  
 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)    | 11.962 | 8166511    | 39.091 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 78.18%        |
| 12) S 1-chlorooctadecane (S... | 13.399 | 6590998    | 40.908 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 81.82%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.329  | 5877461    | 34.992 ug/ml  |
| 2) T n-Decane (C10)            | 4.577  | 6221326    | 36.256 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.288  | 7519681    | 40.738 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.744  | 6575924    | 37.808 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.386  | 6805753    | 38.402 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.580  | 6716115    | 38.476 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.190 | 6674034    | 36.479 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.638 | 6609188    | 34.919 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.951 | 6557346    | 35.186 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.564 | 6412707    | 34.874 ug/ml  |
| 13) T n-Docosane (C22)         | 14.153 | 6315407    | 33.736 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.259 | 13298761   | 67.898 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.284 | 5982712    | 30.785 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.235 | 6000528    | 30.985 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.127 | 5642432    | 28.142 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.959 | 5511200    | 28.025 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.746 | 5407534    | 31.328 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.487 | 5215826    | 36.057 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.238 | 5244699    | 41.670 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.182 | 5533792    | 47.864 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB170479BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

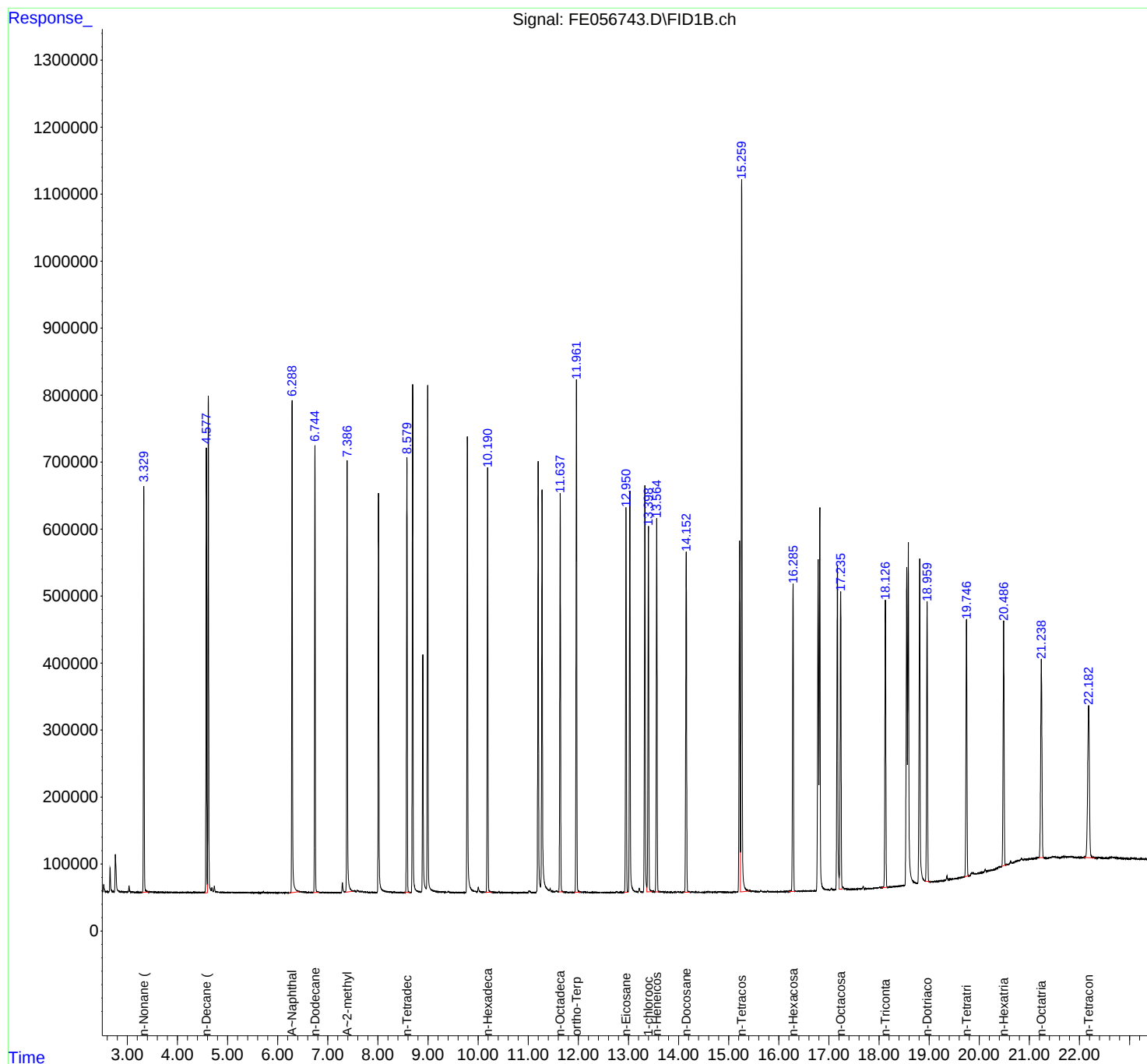
Instrument :  
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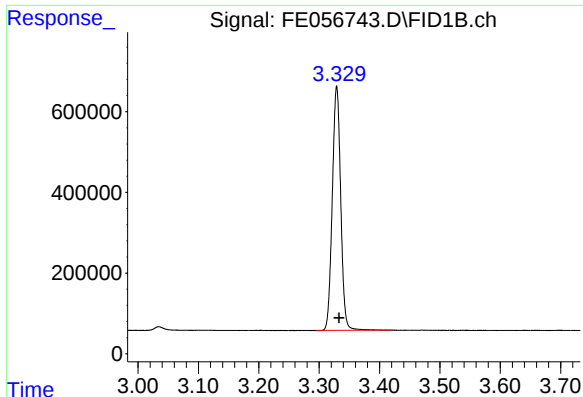
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.329 min  
Delta R.T.: -0.004 min  
Response: 5877461  
Conc: 34.99 ug/ml

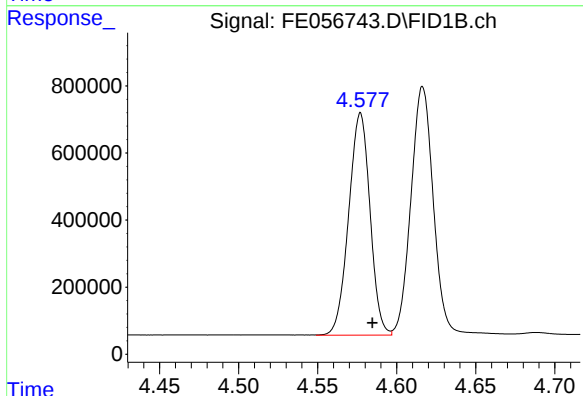
Instrument :

FID\_E

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PB170479BS

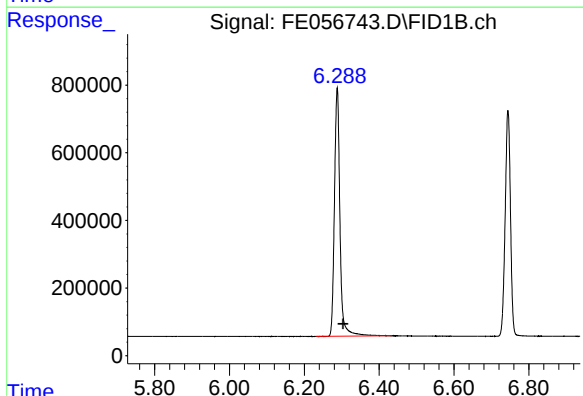
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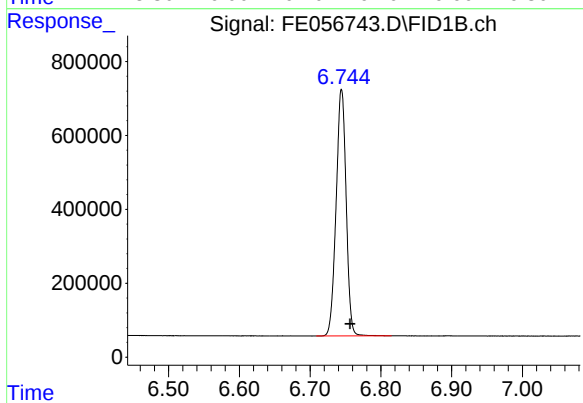
#2 n-Decane (C10)

R.T.: 4.577 min  
Delta R.T.: -0.008 min  
Response: 6221326  
Conc: 36.26 ug/ml m



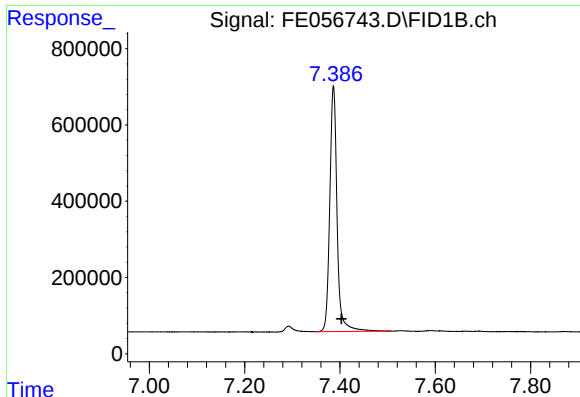
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min  
Delta R.T.: -0.015 min  
Response: 7519681  
Conc: 40.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min  
Delta R.T.: -0.012 min  
Response: 6575924  
Conc: 37.81 ug/ml



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

R.T.: 7.386 min  
Delta R.T.: -0.017 min  
Response: 6805753  
Conc: 38.40 ug/ml

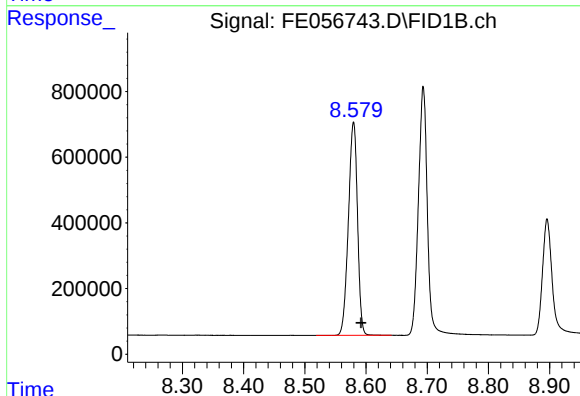
Instrument :

FID\_E

ClientSampleId :  
PB170479BS

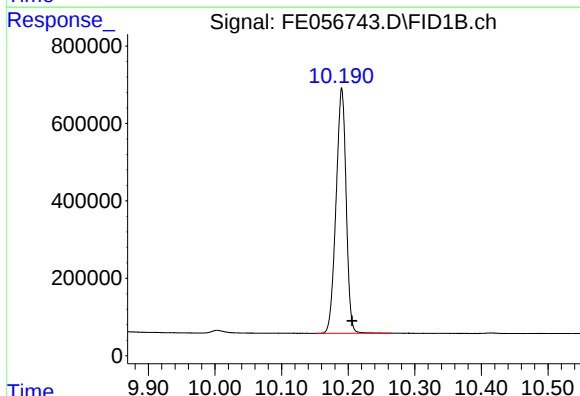
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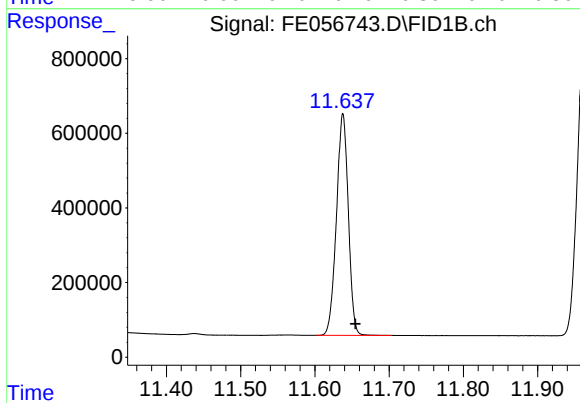
#6 n-Tetradecane (C14)

R.T.: 8.580 min  
Delta R.T.: -0.012 min  
Response: 6716115  
Conc: 38.48 ug/ml



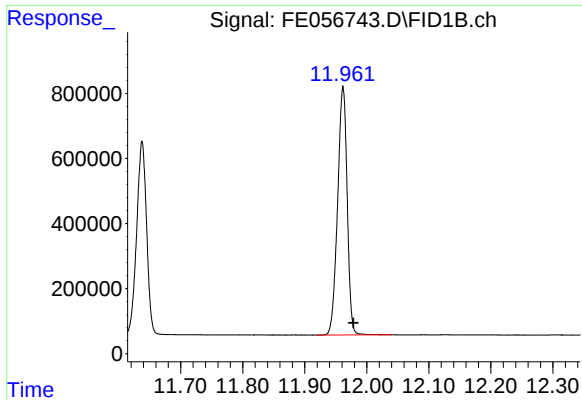
#7 n-Hexadecane (C16)

R.T.: 10.190 min  
Delta R.T.: -0.015 min  
Response: 6674034  
Conc: 36.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.638 min  
Delta R.T.: -0.017 min  
Response: 6609188  
Conc: 34.92 ug/ml



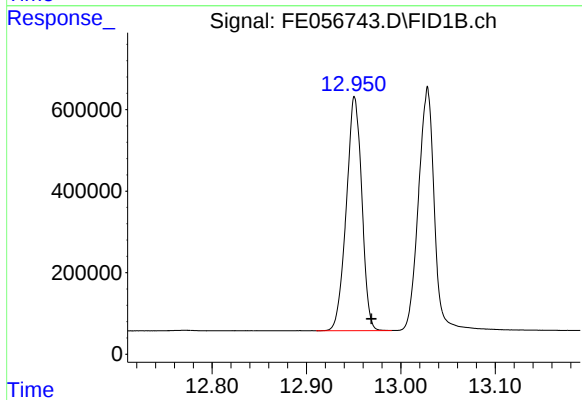
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min  
Delta R.T.: -0.017 min  
Response: 8166511  
Conc: 39.09 ug/ml

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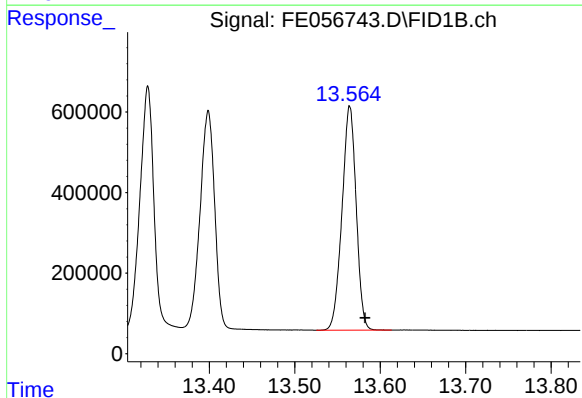
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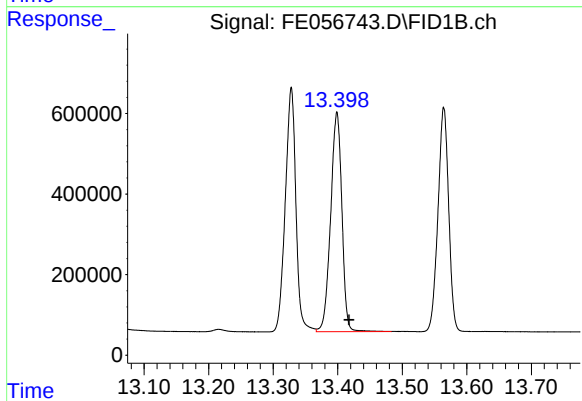
#10 n-Eicosane (C20)

R.T.: 12.951 min  
Delta R.T.: -0.018 min  
Response: 6557346  
Conc: 35.19 ug/ml



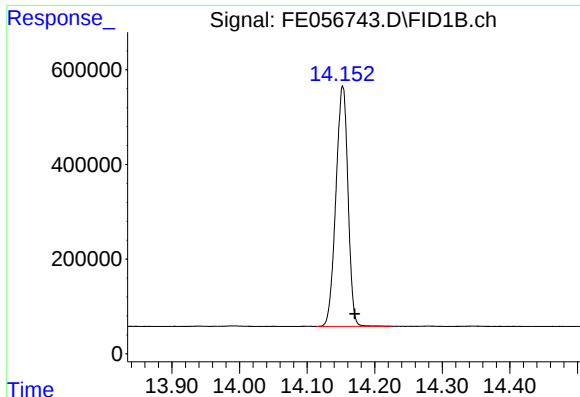
#11 n-Heneicosane (C21)

R.T.: 13.564 min  
Delta R.T.: -0.018 min  
Response: 6412707  
Conc: 34.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min  
Delta R.T.: -0.019 min  
Response: 6590998  
Conc: 40.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.153 min  
Delta R.T.: -0.018 min  
Response: 6315407  
Conc: 33.74 ug/ml

Instrument :

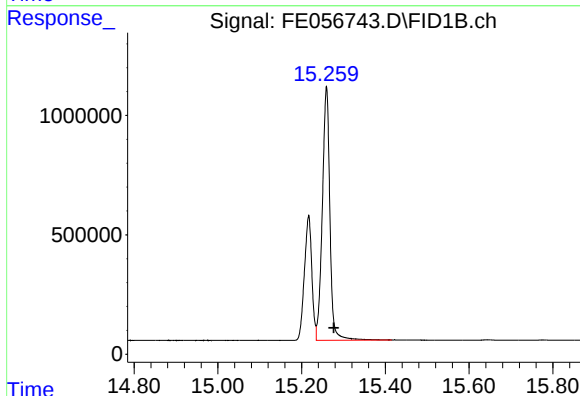
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ClientSampleId :

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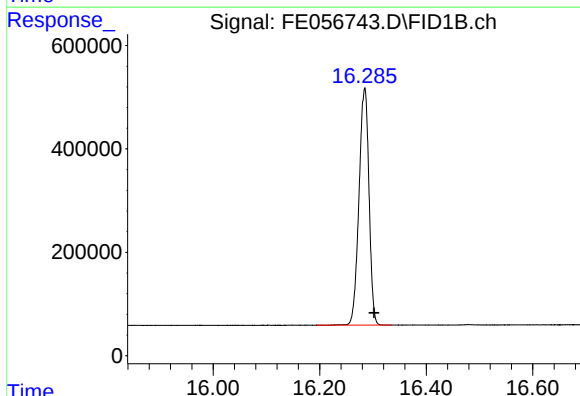
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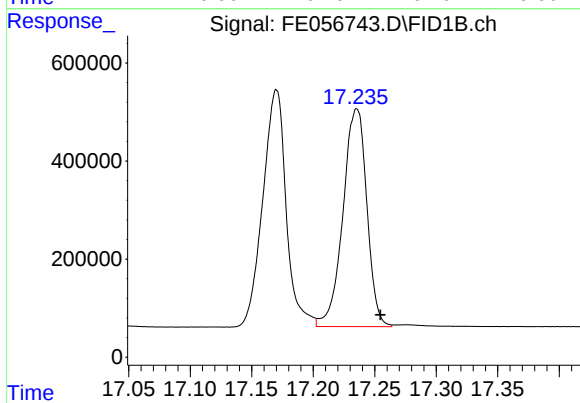
#14 n-Tetracosane (C24)

R.T.: 15.259 min  
Delta R.T.: -0.018 min  
Response: 13298761  
Conc: 67.90 ug/ml



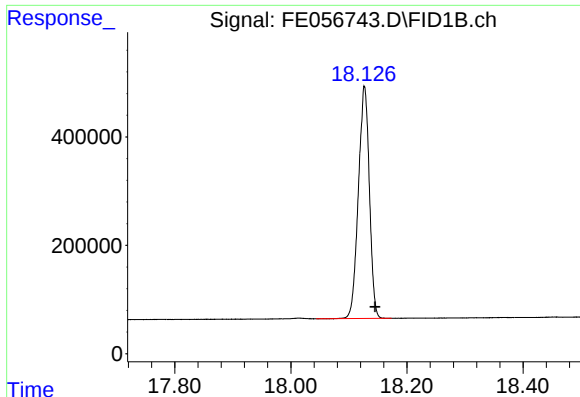
#15 n-Hexacosane (C26)

R.T.: 16.284 min  
Delta R.T.: -0.018 min  
Response: 5982712  
Conc: 30.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min  
Delta R.T.: -0.020 min  
Response: 6000528  
Conc: 30.98 ug/ml m



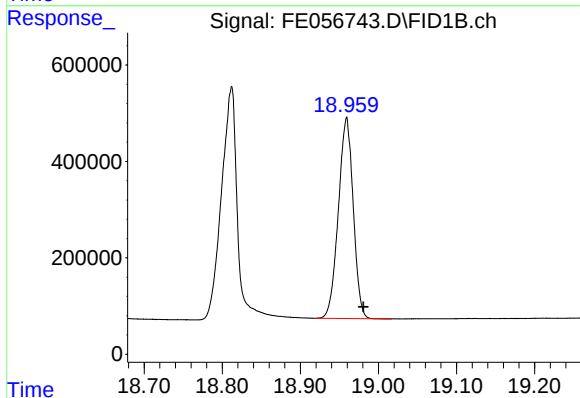
#17 n-Tricontane (C30)

R.T.: 18.127 min  
Delta R.T.: -0.018 min  
Response: 5642432  
Conc: 28.14 ug/ml

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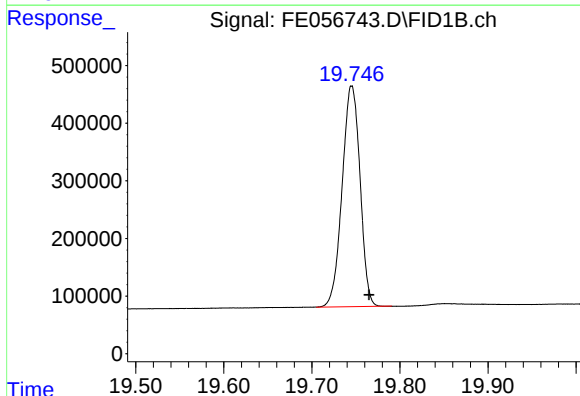
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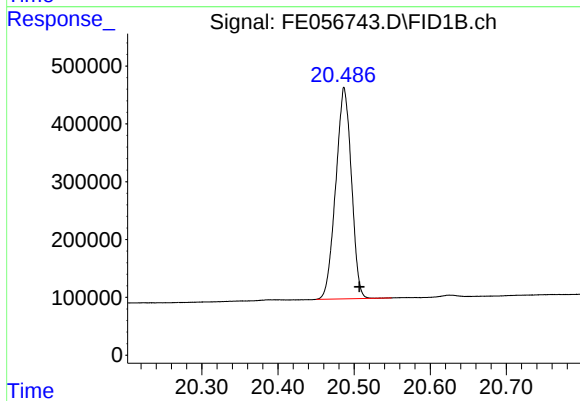
#18 n-Dotriacontane (C32)

R.T.: 18.959 min  
Delta R.T.: -0.022 min  
Response: 5511200  
Conc: 28.03 ug/ml



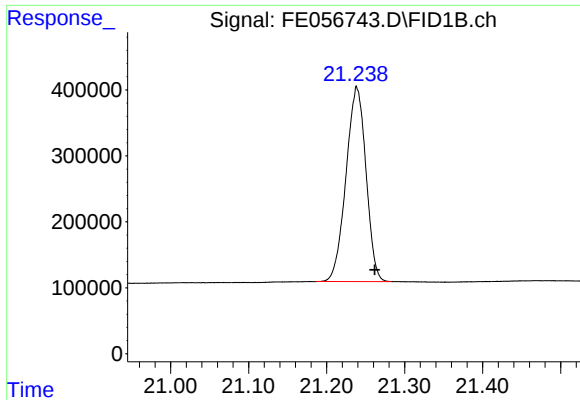
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min  
Delta R.T.: -0.019 min  
Response: 5407534  
Conc: 31.33 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.487 min  
Delta R.T.: -0.020 min  
Response: 5215826  
Conc: 36.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.238 min  
Delta R.T.: -0.024 min  
Response: 5244699  
Conc: 41.67 ug/ml

Instrument :

FID\_E

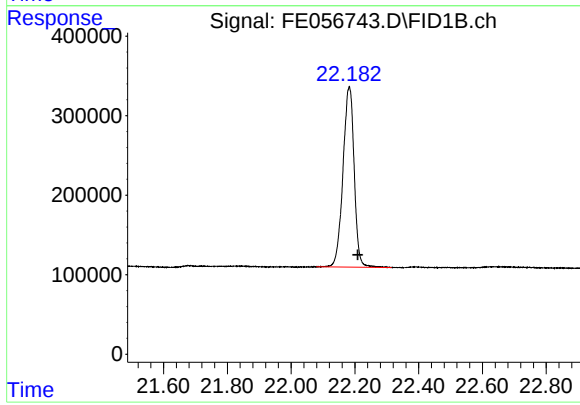
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#22 n-Tetracontane (C40)

R.T.: 22.182 min  
Delta R.T.: -0.027 min  
Response: 5533792  
Conc: 47.86 ug/ml