

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091224AL\  
 Data File : FE050056.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Sep 2024 22:30  
 Operator : YP\AJ  
 Sample : P3929-03MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

72-11930MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 09/12/2024

Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E

Quant Time: Sep 12 03:18:42 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)    | 11.877 | 5779455    | 38.846 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.69%        |
| 12) S 1-chlorooctadecane (S... | 13.310 | 4894508    | 43.574 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 87.15%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.265  | 4437038    | 32.735 ug/ml  |
| 2) T n-Decane (C10)            | 4.516  | 5055194    | 36.629 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.223  | 5464517    | 39.041 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.683  | 5292358    | 38.272 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.319  | 5029970    | 38.269 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.511  | 5795322    | 42.559 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.116 | 6350417    | 45.718 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.558 | 6675621    | 47.648 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.867 | 6805508    | 50.733 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.477 | 6642866    | 50.556 ug/ml  |
| 13) T n-Docosane (C22)         | 14.062 | 6611949    | 50.776 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.161 | 12624382   | 96.672 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.185 | 6410479    | 50.106 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.132 | 7179731    | 55.739 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.020 | 6672018    | 49.895 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.851 | 6788961    | 50.947 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.634 | 6889376    | 55.757 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.373 | 6957307    | 62.707 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.100 | 7056149    | 63.984 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.993 | 6595036    | 60.608 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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Acq On : 11 Sep 2024 22:30  
Operator : YP\AJ  
Sample : P3929-03MSD  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

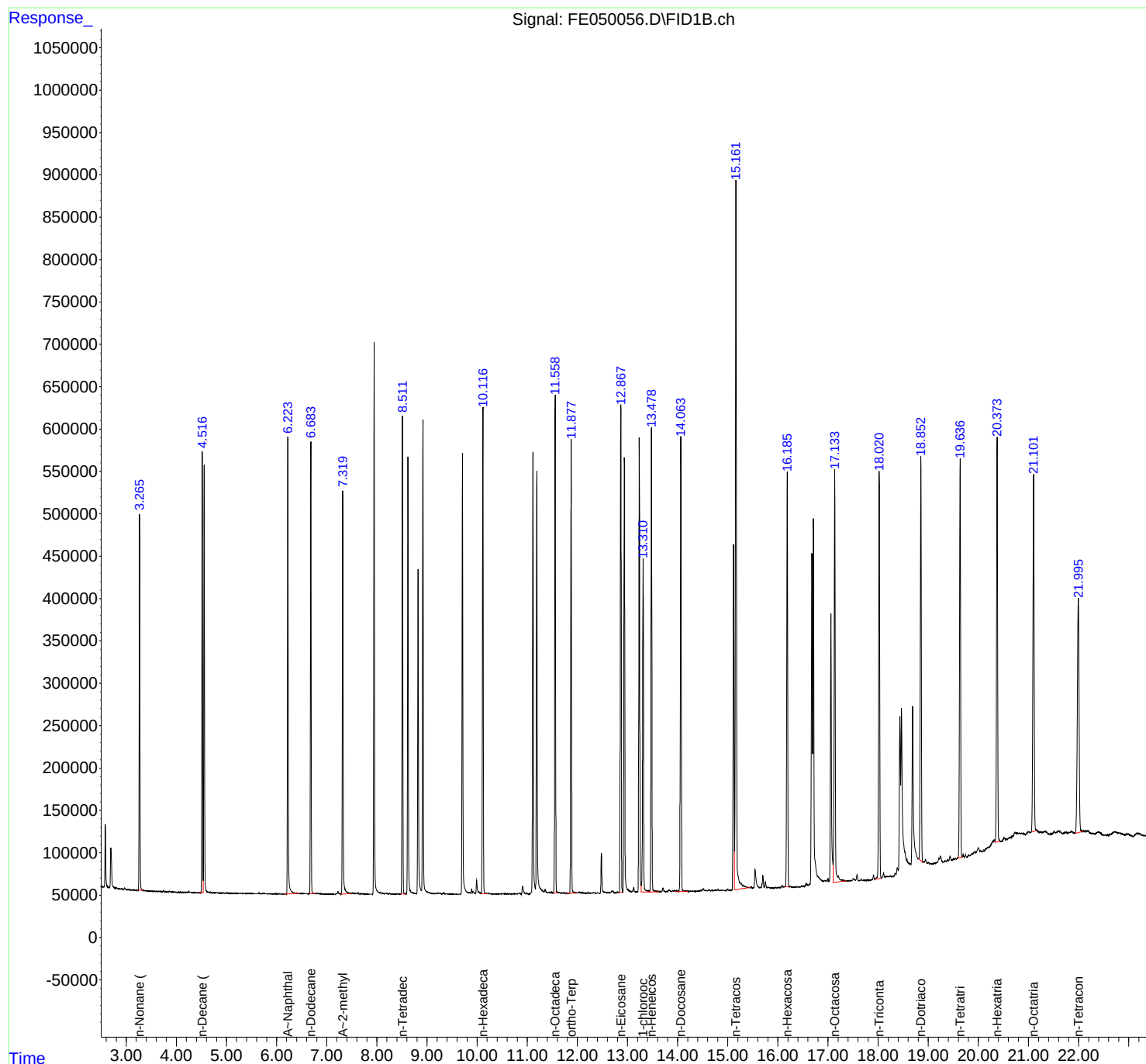
Instrument :  
FID\_E  
ClientSampleId :  
72-11930MSD

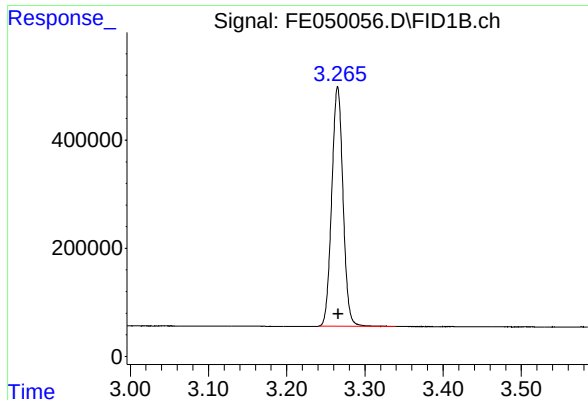
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/12/2024  
Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E  
Quant Time: Sep 12 03:18:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 17:11:47 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





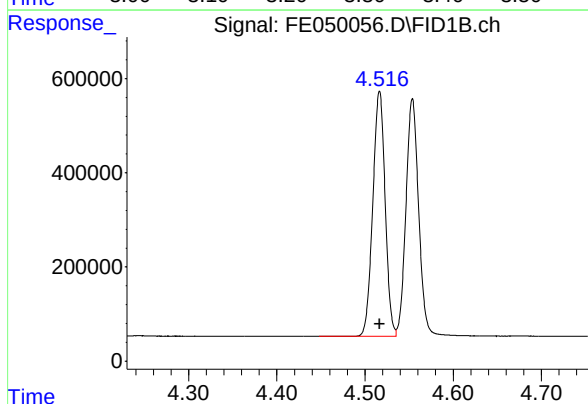
#1 n-Nonane (C9)

R.T.: 3.265 min  
Delta R.T.: 0.000 min  
Response: 4437038  
Conc: 32.73 ug/ml

Instrument :  
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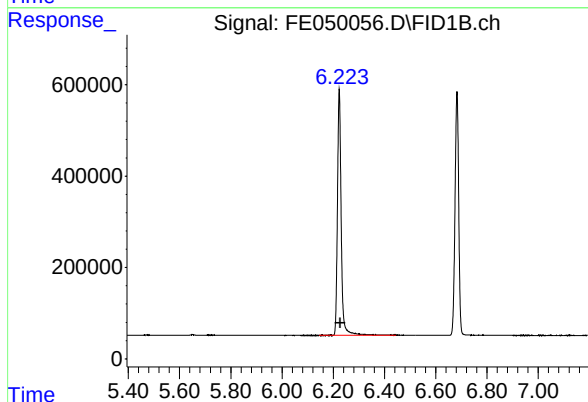
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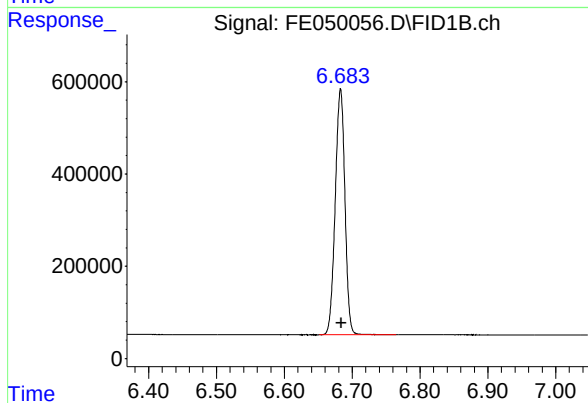
#2 n-Decane (C10)

R.T.: 4.516 min  
Delta R.T.: 0.000 min  
Response: 5055194  
Conc: 36.63 ug/ml



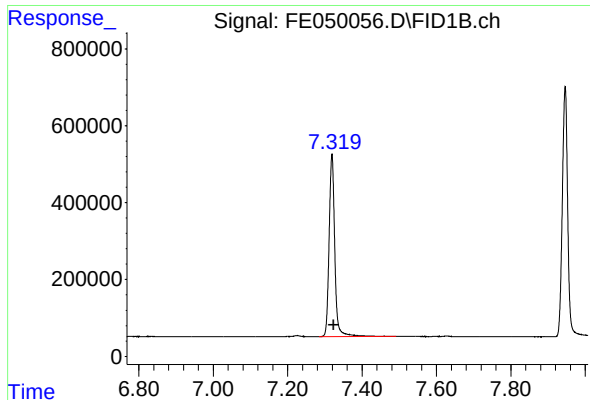
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min  
Delta R.T.: -0.004 min  
Response: 5464517  
Conc: 39.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min  
Delta R.T.: -0.001 min  
Response: 5292358  
Conc: 38.27 ug/ml



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

R.T.: 7.319 min  
Delta R.T.: -0.004 min  
Response: 5029970  
Conc: 38.27 ug/ml

Instrument :

FID\_E

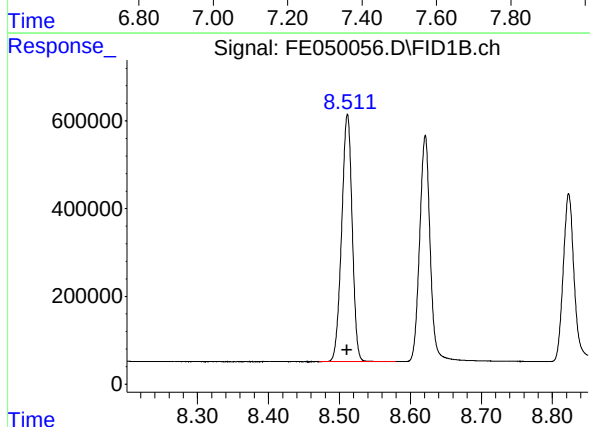
ClientSampleId :

72-11930MSD

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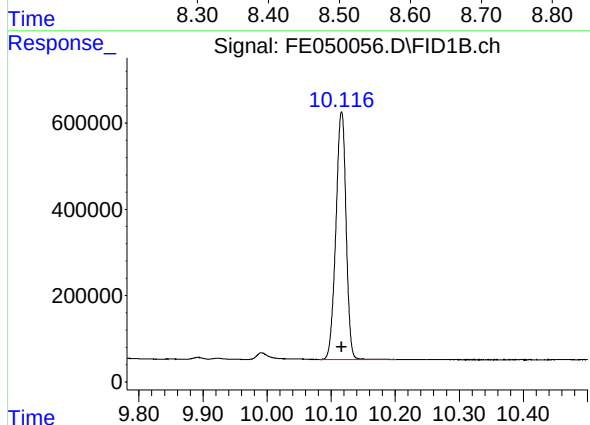
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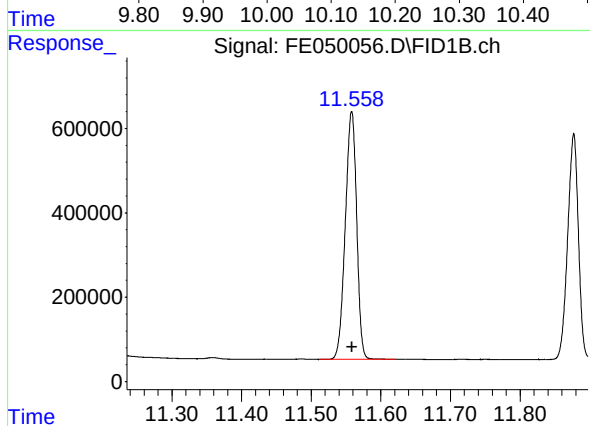
#6 n-Tetradecane (C14)

R.T.: 8.511 min  
Delta R.T.: 0.000 min  
Response: 5795322  
Conc: 42.56 ug/ml



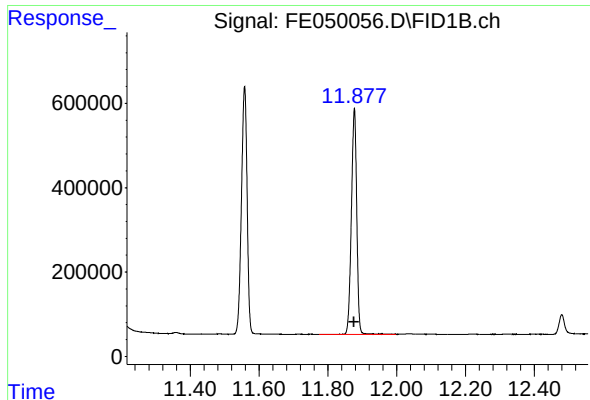
#7 n-Hexadecane (C16)

R.T.: 10.116 min  
Delta R.T.: 0.000 min  
Response: 6350417  
Conc: 45.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.558 min  
Delta R.T.: 0.000 min  
Response: 6675621  
Conc: 47.65 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min  
Delta R.T.: 0.000 min  
Response: 5779455  
Conc: 38.85 ug/ml

Instrument :

FID\_E

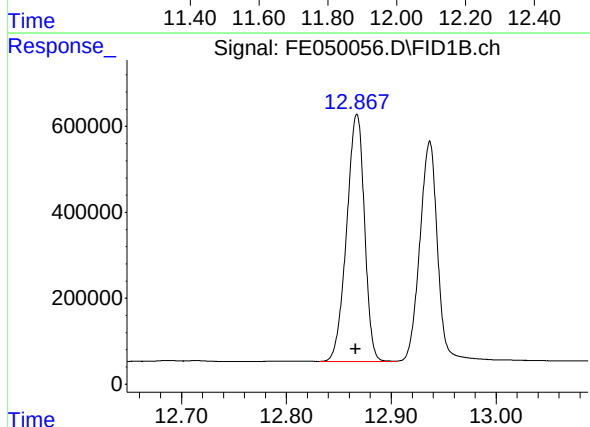
ClientSampleId :

72-11930MSD

Manual Integrations

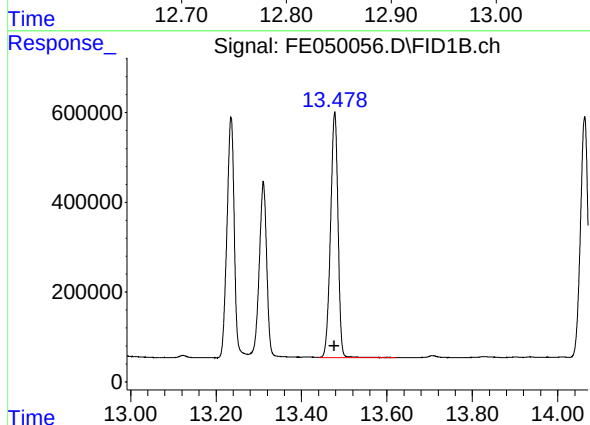
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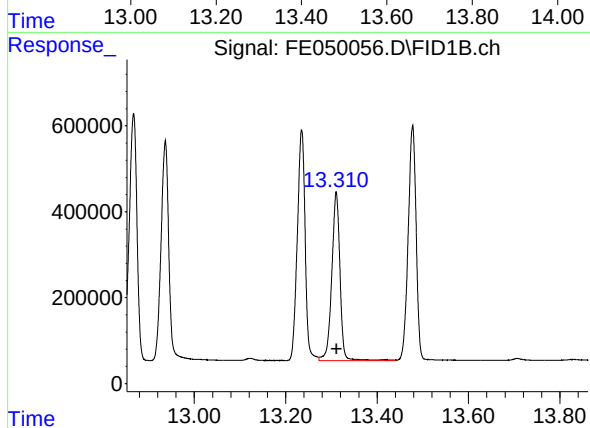
#10 n-Eicosane (C20)

R.T.: 12.867 min  
Delta R.T.: 0.001 min  
Response: 6805508  
Conc: 50.73 ug/ml



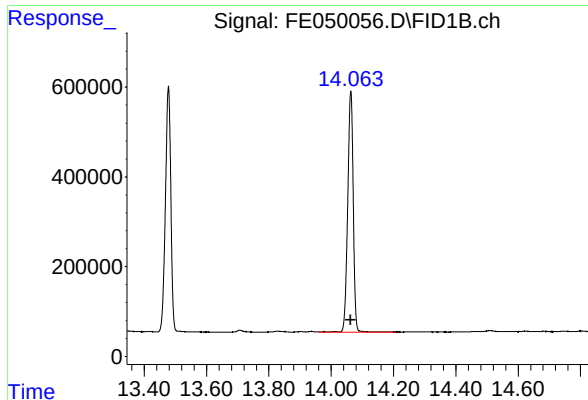
#11 n-Heneicosane (C21)

R.T.: 13.477 min  
Delta R.T.: 0.000 min  
Response: 6642866  
Conc: 50.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min  
Delta R.T.: -0.001 min  
Response: 4894508  
Conc: 43.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min  
Delta R.T.: 0.000 min  
Response: 6611949  
Conc: 50.78 ug/ml

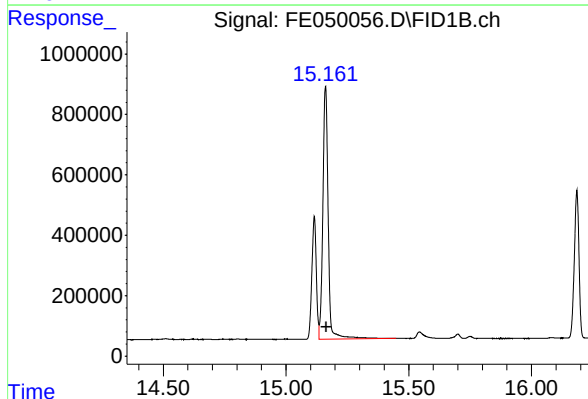
Instrument :

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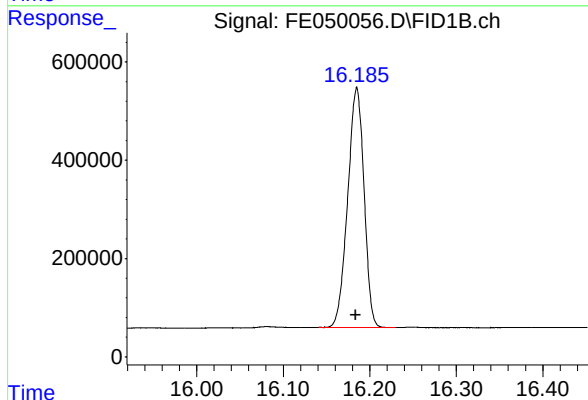
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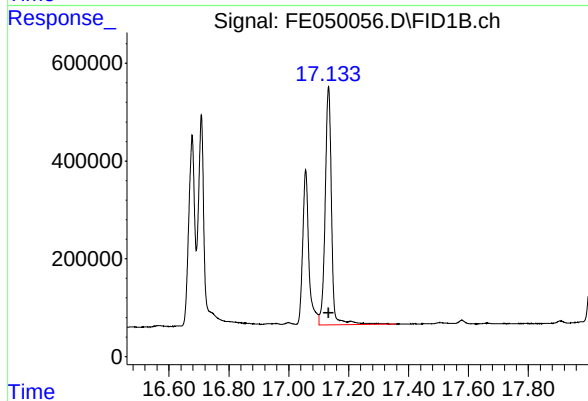
#14 n-Tetracosane (C24)

R.T.: 15.161 min  
Delta R.T.: -0.003 min  
Response: 12624382  
Conc: 96.67 ug/ml



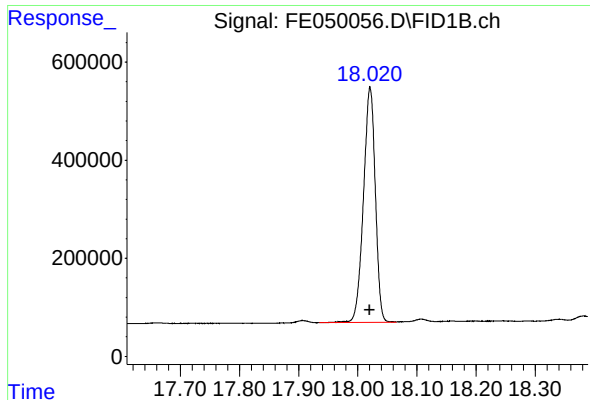
#15 n-Hexacosane (C26)

R.T.: 16.185 min  
Delta R.T.: 0.000 min  
Response: 6410479  
Conc: 50.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min  
Delta R.T.: 0.000 min  
Response: 7179731  
Conc: 55.74 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.020 min  
Delta R.T.: 0.000 min  
Response: 6672018  
Conc: 49.90 ug/ml

Instrument :

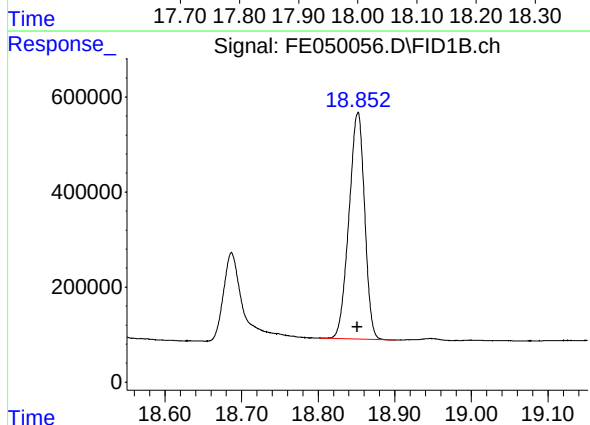
FID\_E

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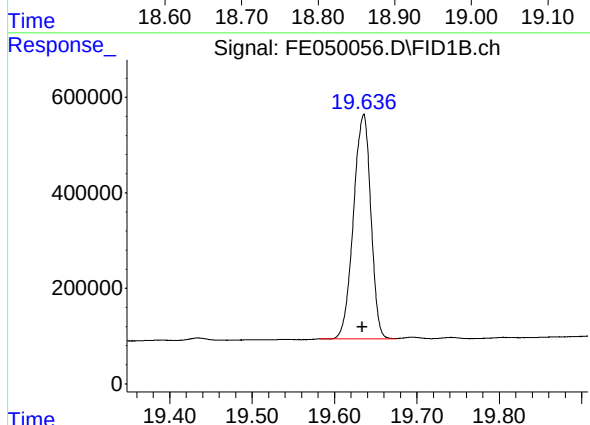
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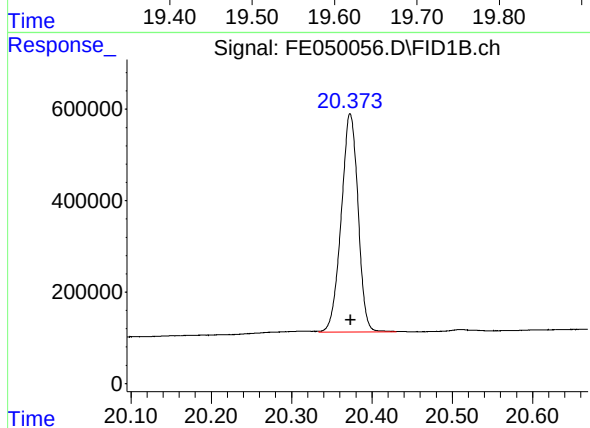
#18 n-Dotriacontane (C32)

R.T.: 18.851 min  
Delta R.T.: 0.000 min  
Response: 6788961  
Conc: 50.95 ug/ml



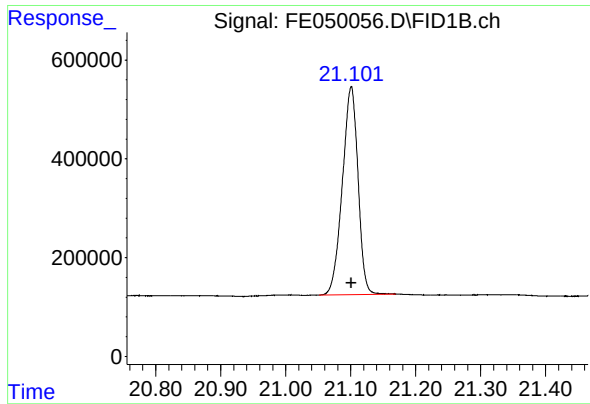
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min  
Delta R.T.: 0.000 min  
Response: 6889376  
Conc: 55.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min  
Delta R.T.: -0.001 min  
Response: 6957307  
Conc: 62.71 ug/ml m



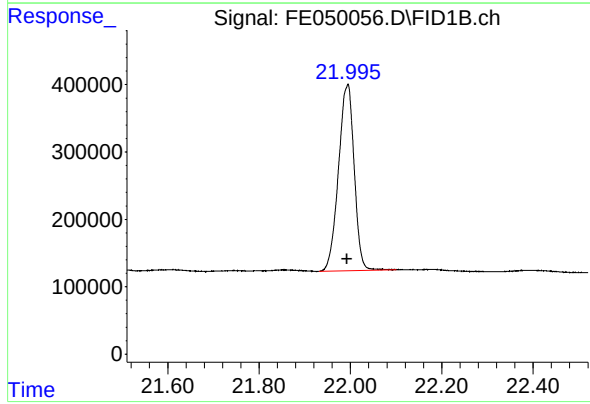
#21 n-Octatriacontane (C38)

R.T.: 21.100 min  
Delta R.T.: 0.000 min  
Response: 7056149  
Conc: 63.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min  
Delta R.T.: 0.000 min  
Response: 6595036  
Conc: 60.61 ug/ml