

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090524AL\  
 Data File : FE049937.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Sep 2024 15:35  
 Operator : YP\AJ  
 Sample : P3838-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 OK-01-0902424MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/06/2024  
 Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e  
 Quant Time: Sep 06 01:31:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 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)    | 11.881 | 3404950    | 21.056 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.11%        |
| 12) S 1-chlorooctadecane (S... | 13.315 | 3691817    | 30.259 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 60.52%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.270  | 4004620    | 25.877 ug/ml  |
| 2) T n-Decane (C10)            | 4.521  | 4540755    | 28.759 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.228  | 4816285    | 30.017 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.688  | 5146222    | 32.735 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.324  | 5051438    | 33.732 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.517  | 5797113    | 37.551 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.122 | 6251809    | 40.029 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.564 | 6407951    | 40.801 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.873 | 6425944    | 43.039 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.483 | 6195199    | 42.231 ug/ml  |
| 13) T n-Docosane (C22)         | 14.068 | 6141516    | 42.137 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.167 | 10648856   | 73.205 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.193 | 5939012    | 41.150 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.143 | 6594113    | 45.780 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.031 | 6769073    | 45.216 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.866 | 6893266    | 45.565 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.651 | 8047240    | 52.637 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.395 | 7114616    | 46.852 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.128 | 7966628    | 50.758 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.030 | 7342546    | 48.091 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 05 Sep 2024 15:35  
Operator : YP\AJ  
Sample : P3838-01MS  
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ALS Vial : 11 Sample Multiplier: 1

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## Manual Integrations

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Integration File: autoint1.e

Quant Time: Sep 06 01:31:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

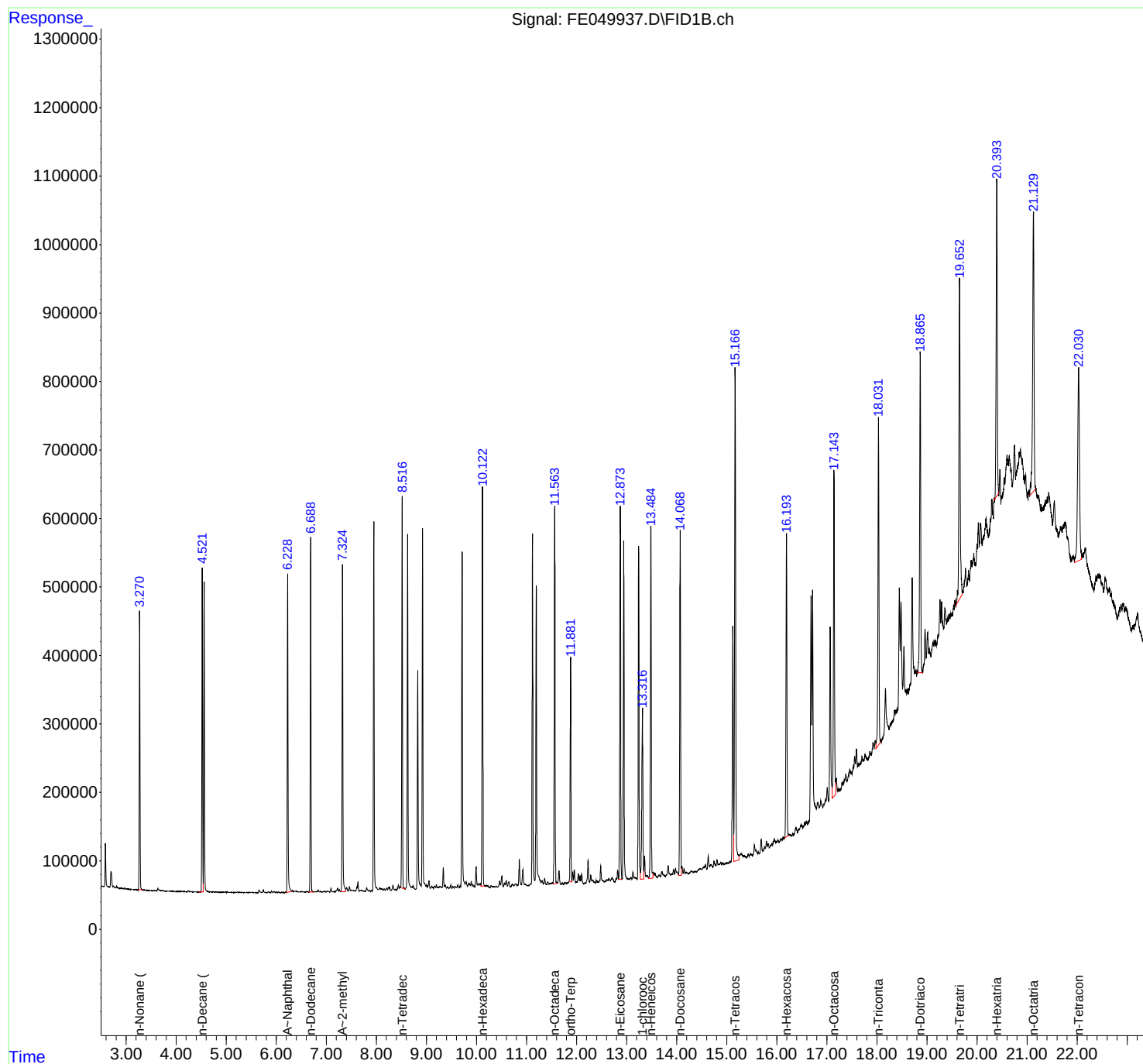
Response via : Initial Calibration

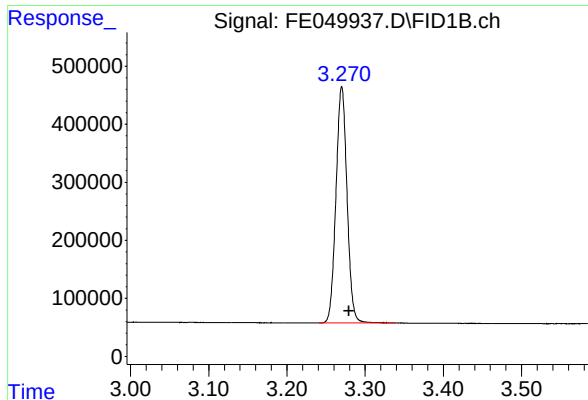
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.270 min  
Delta R.T.: -0.009 min  
Response: 4004620  
Conc: 25.88 ug/ml

Instrument :

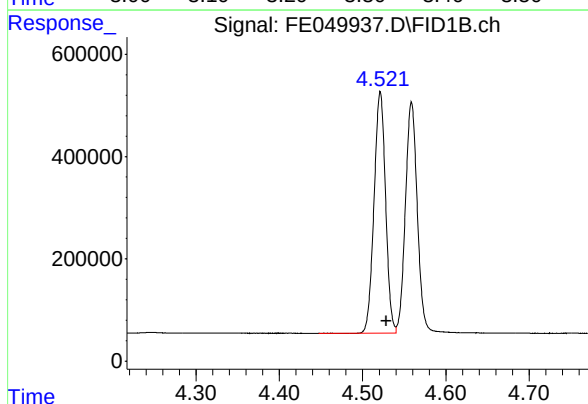
FID\_E

ClientSampleId :

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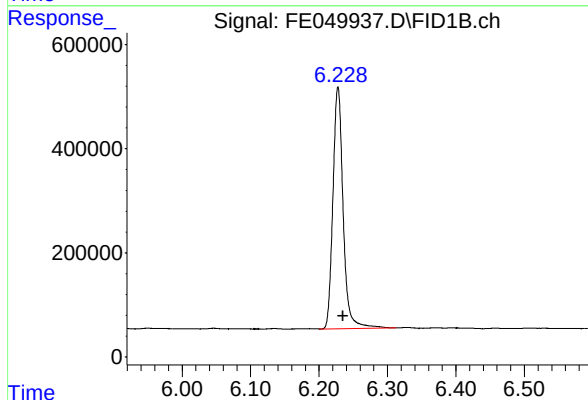
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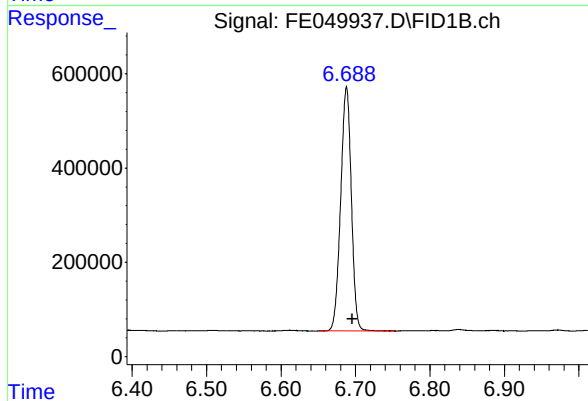
#2 n-Decane (C10)

R.T.: 4.521 min  
Delta R.T.: -0.007 min  
Response: 4540755  
Conc: 28.76 ug/ml



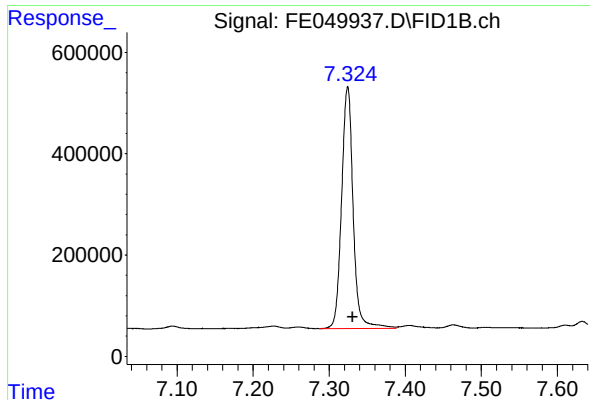
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min  
Delta R.T.: -0.007 min  
Response: 4816285  
Conc: 30.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min  
Delta R.T.: -0.008 min  
Response: 5146222  
Conc: 32.73 ug/ml



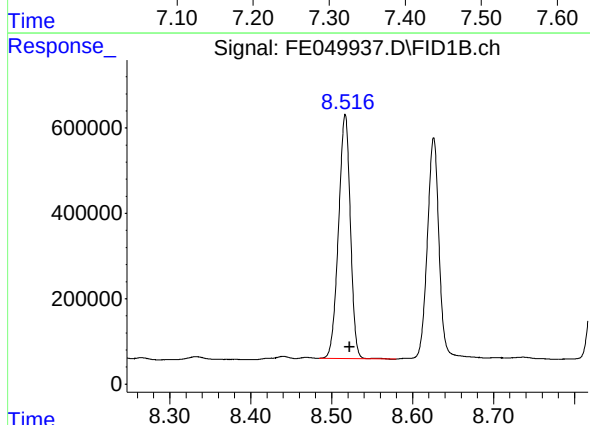
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min  
Delta R.T.: -0.007 min  
Response: 5051438  
Conc: 33.73 ug/ml

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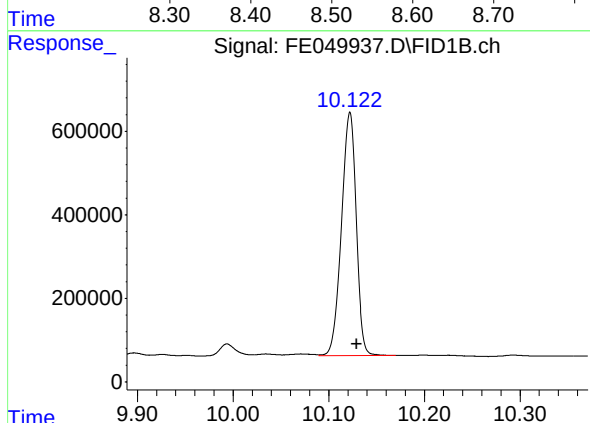
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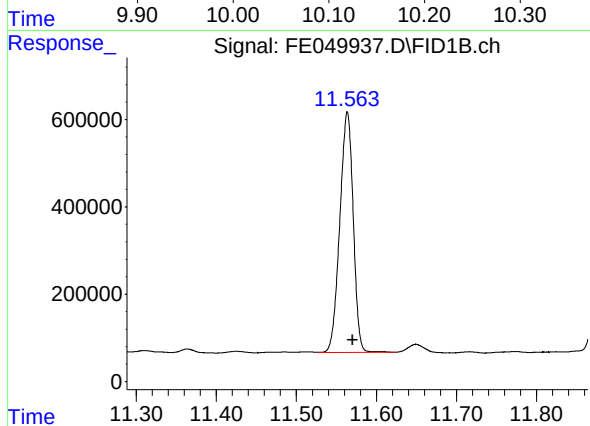
#6 n-Tetradecane (C14)

R.T.: 8.517 min  
Delta R.T.: -0.006 min  
Response: 5797113  
Conc: 37.55 ug/ml



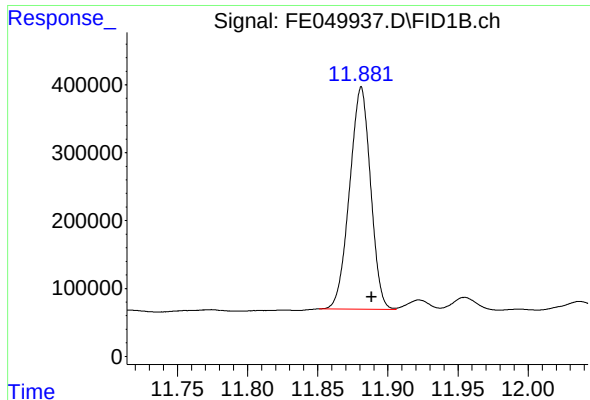
#7 n-Hexadecane (C16)

R.T.: 10.122 min  
Delta R.T.: -0.007 min  
Response: 6251809  
Conc: 40.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min  
Delta R.T.: -0.007 min  
Response: 6407951  
Conc: 40.80 ug/ml



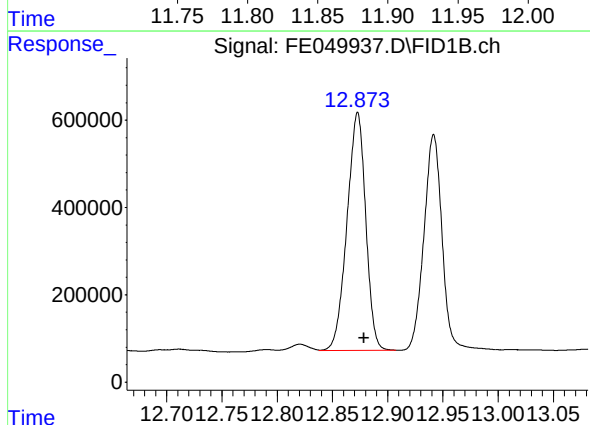
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min  
Delta R.T.: -0.008 min  
Response: 3404950  
Conc: 21.06 ug/ml

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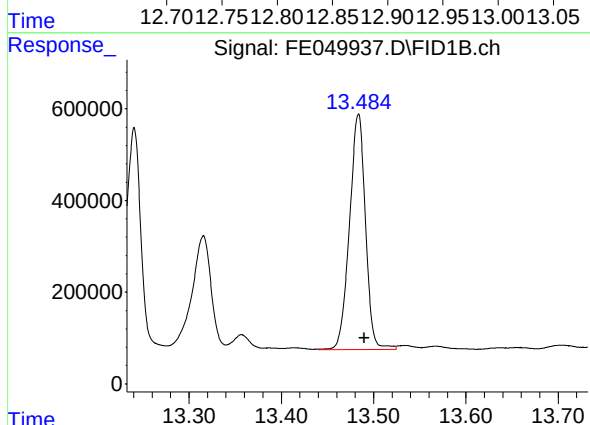
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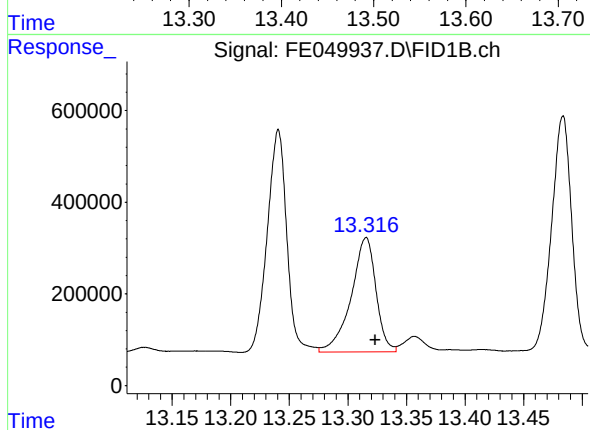
#10 n-Eicosane (C20)

R.T.: 12.873 min  
Delta R.T.: -0.006 min  
Response: 6425944  
Conc: 43.04 ug/ml m



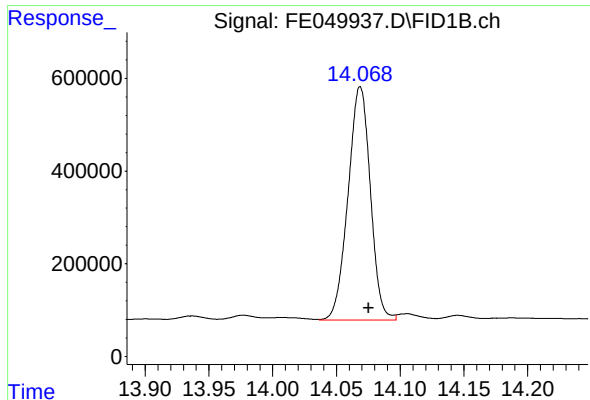
#11 n-Heneicosane (C21)

R.T.: 13.483 min  
Delta R.T.: -0.007 min  
Response: 6195199  
Conc: 42.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min  
Delta R.T.: -0.008 min  
Response: 3691817  
Conc: 30.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.068 min  
Delta R.T.: -0.007 min  
Response: 6141516  
Conc: 42.14 ug/ml

Instrument :

FID\_E

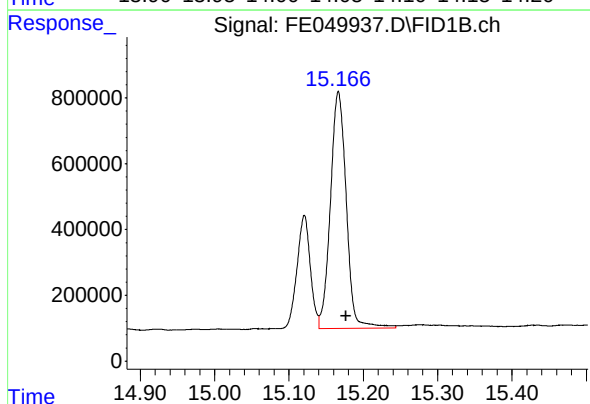
ClientSampleId :

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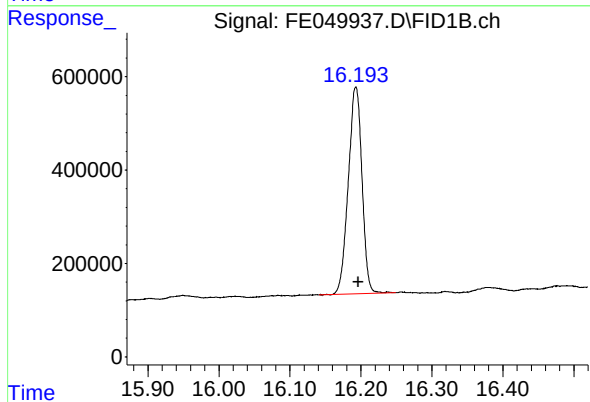
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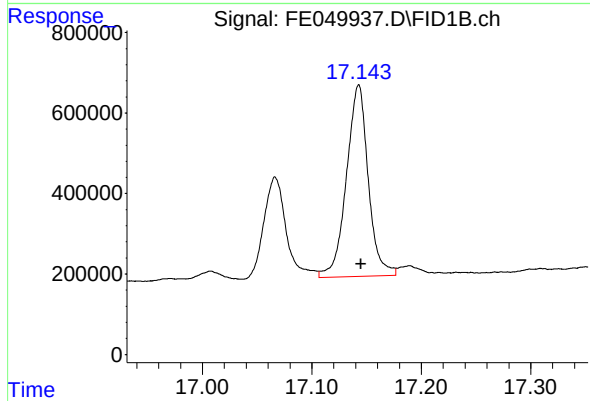
#14 n-Tetracosane (C24)

R.T.: 15.167 min  
Delta R.T.: -0.010 min  
Response: 10648856  
Conc: 73.21 ug/ml



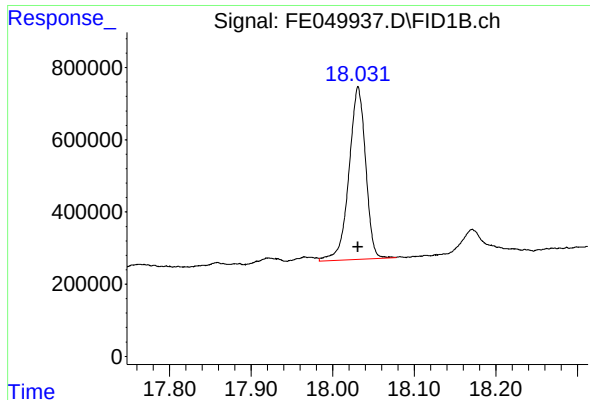
#15 n-Hexacosane (C26)

R.T.: 16.193 min  
Delta R.T.: -0.004 min  
Response: 5939012  
Conc: 41.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min  
Delta R.T.: -0.002 min  
Response: 6594113  
Conc: 45.78 ug/ml



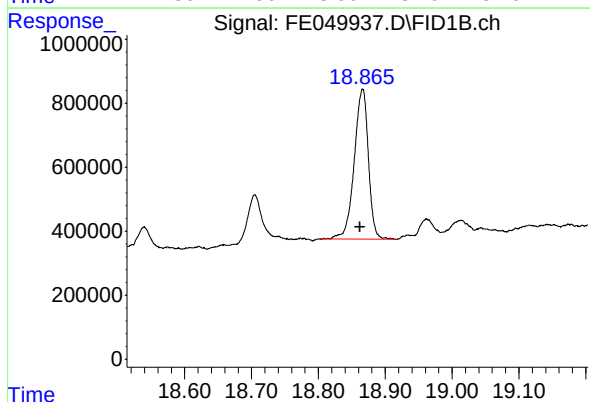
#17 n-Tricontane (C30)

R.T.: 18.031 min  
Delta R.T.: 0.000 min  
Response: 6769073  
Conc: 45.22 ug/ml

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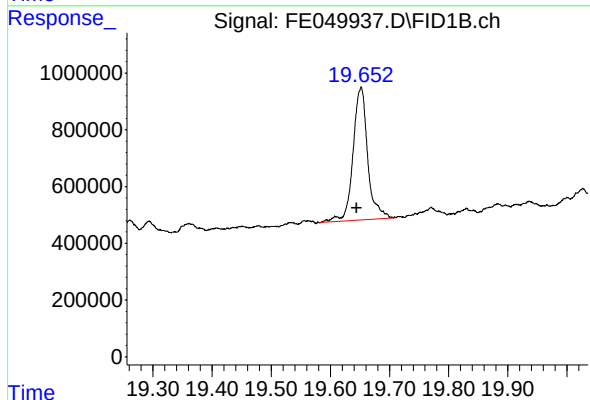
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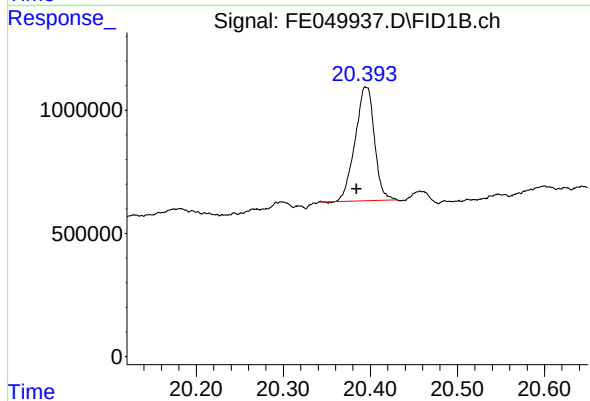
#18 n-Dotriacontane (C32)

R.T.: 18.866 min  
Delta R.T.: 0.003 min  
Response: 6893266  
Conc: 45.57 ug/ml



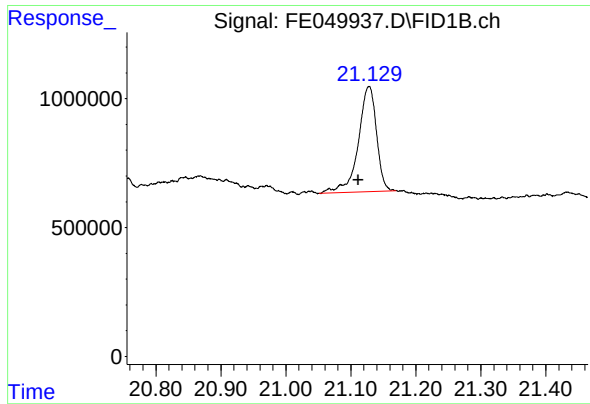
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min  
Delta R.T.: 0.007 min  
Response: 8047240  
Conc: 52.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min  
Delta R.T.: 0.011 min  
Response: 7114616  
Conc: 46.85 ug/ml



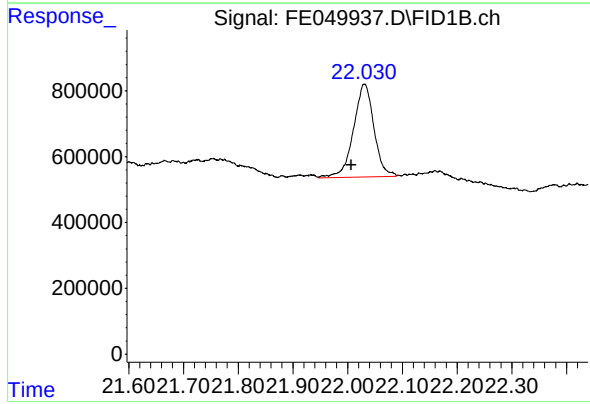
#21 n-Octatriacontane (C38)

R.T.: 21.128 min  
Delta R.T.: 0.016 min  
Response: 7966628  
Conc: 50.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.030 min  
Delta R.T.: 0.023 min  
Response: 7342546  
Conc: 48.09 ug/ml m