

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082624AL\  
 Data File : FE049757.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Aug 2024 14:11  
 Operator : YP\AJ  
 Sample : PB162986BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB162986BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/27/2024  
 Supervised By :Ankita Jodhani 08/27/2024

Integration File: autoint1.e  
 Quant Time: Aug 27 01:21:17 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)    | 11.888 | 8369036    | 51.753 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 103.51%       |
| 12) S 1-chlorooctadecane (S... | 13.322 | 6493366    | 53.222 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 106.44%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.284  | 6413097    | 41.441 ug/ml  |
| 2) T n-Decane (C10)            | 4.531  | 7352182    | 46.565 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.234  | 8125777    | 50.642 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.694  | 8205556    | 52.195 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.330  | 7934657    | 52.985 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.523  | 8319194    | 53.888 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.127 | 8180563    | 52.379 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.570 | 8260354    | 52.596 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.878 | 8235646    | 55.159 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.489 | 8015318    | 54.639 ug/ml  |
| 13) T n-Docosane (C22)         | 14.075 | 7888345    | 54.122 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.172 | 14369767   | 98.785 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.198 | 7734260    | 53.589 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.145 | 8353818    | 57.997 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.033 | 7913839    | 52.863 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.864 | 8144196    | 53.834 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.647 | 8335920    | 54.526 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.385 | 8540864    | 56.244 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.114 | 8766137    | 55.852 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.011 | 8560680    | 56.070 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Aug 27 01:21:17 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

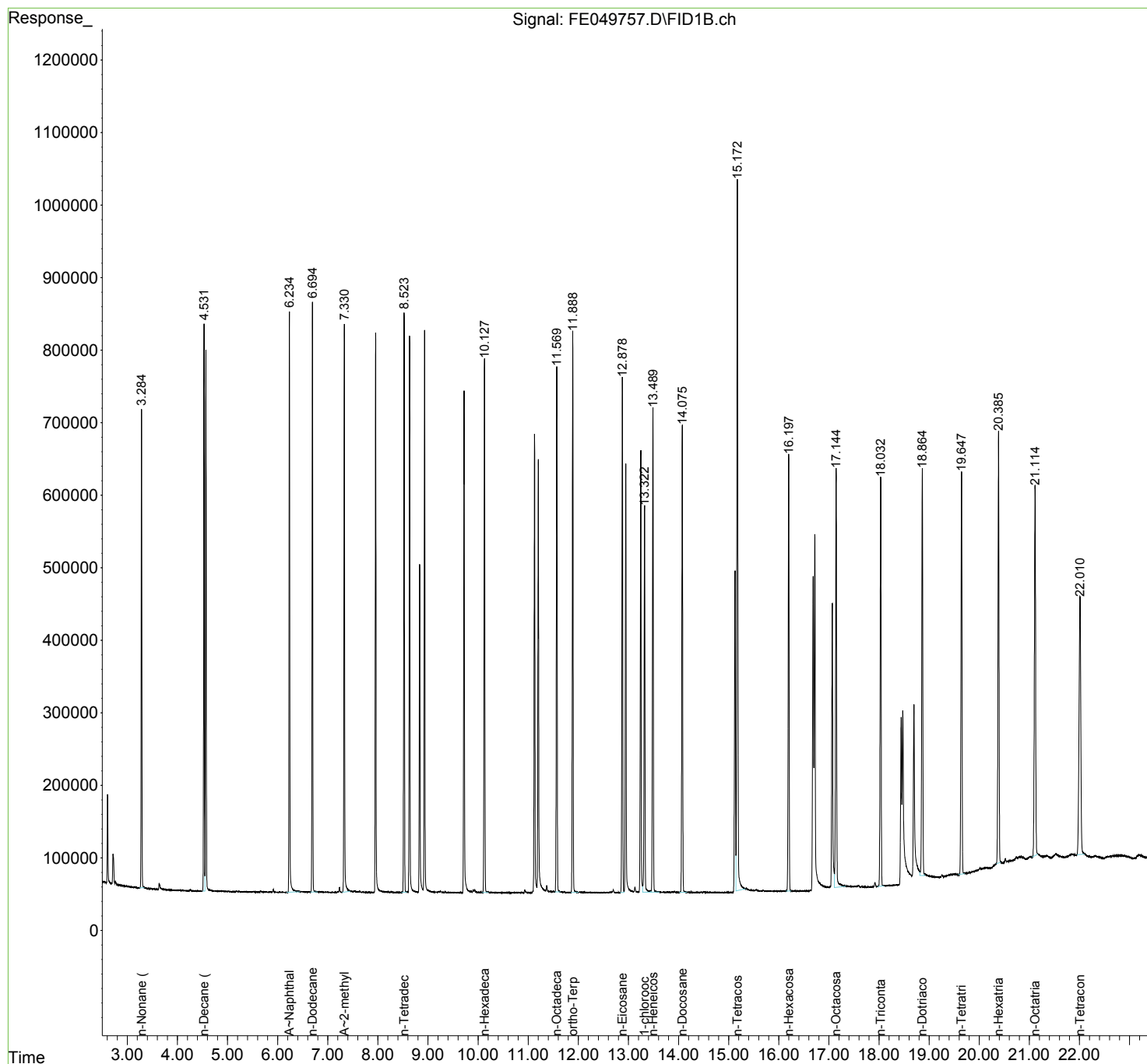
Response via : Initial Calibration

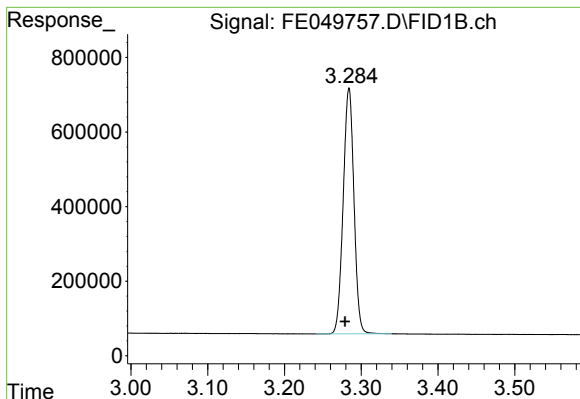
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.284 min  
Delta R.T.: 0.005 min  
Response: 6413097  
Conc: 41.44 ug/ml

Instrument :

FID\_E

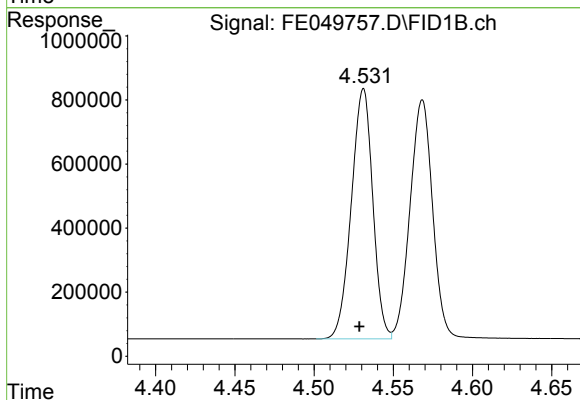
ClientSampleId :

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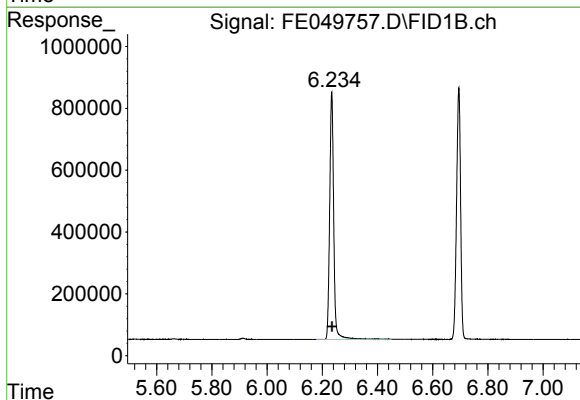
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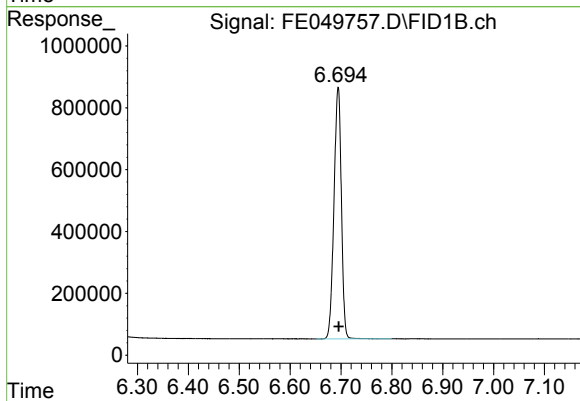
#2 n-Decane (C10)

R.T.: 4.531 min  
Delta R.T.: 0.002 min  
Response: 7352182  
Conc: 46.57 ug/ml



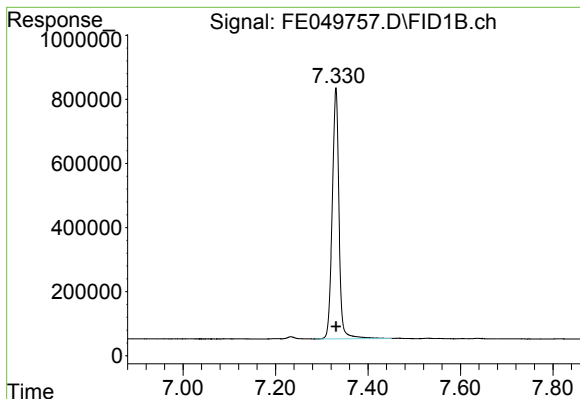
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 8125777  
Conc: 50.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.694 min  
Delta R.T.: -0.001 min  
Response: 8205556  
Conc: 52.20 ug/ml



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

R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 7934657  
Conc: 52.98 ug/ml

Instrument :

FID\_E

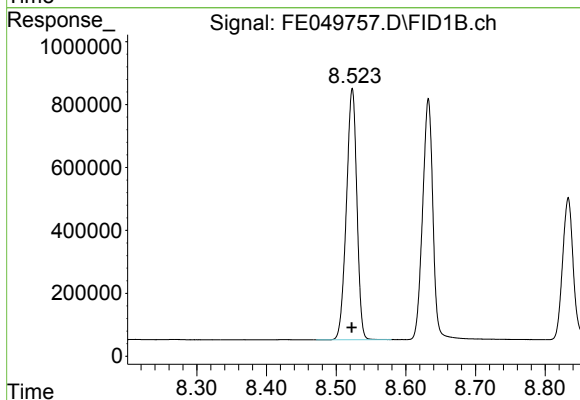
ClientSampleId :

PB162986BS

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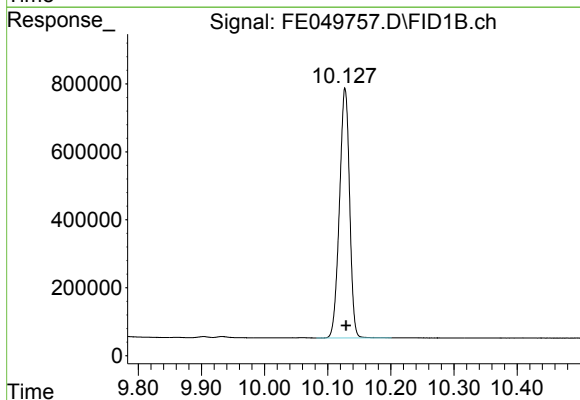
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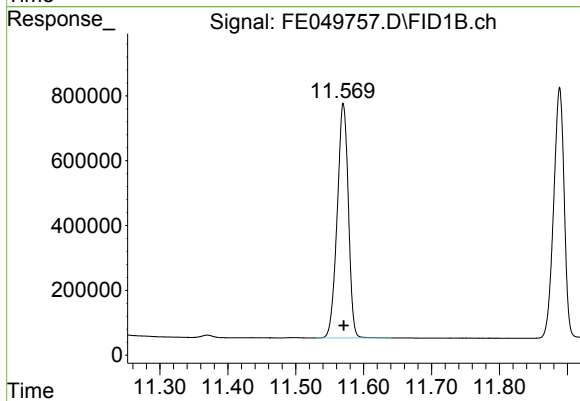
#6 n-Tetradecane (C14)

R.T.: 8.523 min  
Delta R.T.: 0.000 min  
Response: 8319194  
Conc: 53.89 ug/ml



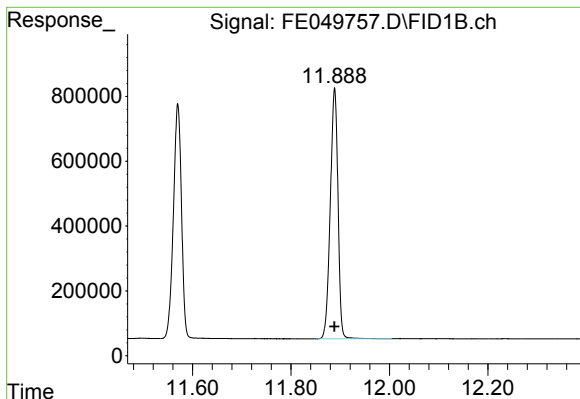
#7 n-Hexadecane (C16)

R.T.: 10.127 min  
Delta R.T.: -0.001 min  
Response: 8180563  
Conc: 52.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min  
Delta R.T.: 0.000 min  
Response: 8260354  
Conc: 52.60 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min  
Delta R.T.: 0.000 min  
Response: 8369036  
Conc: 51.75 ug/ml

Instrument :

FID\_E

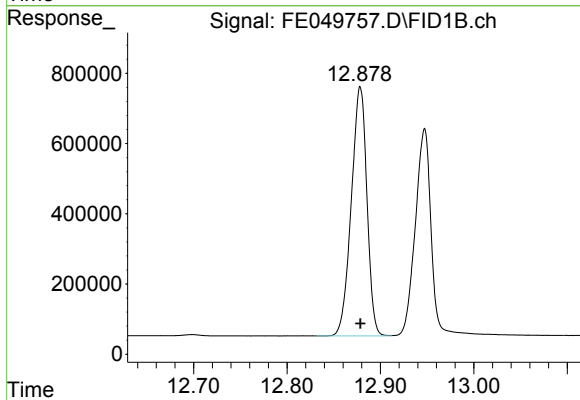
ClientSampleId :

PB162986BS

Manual Integrations

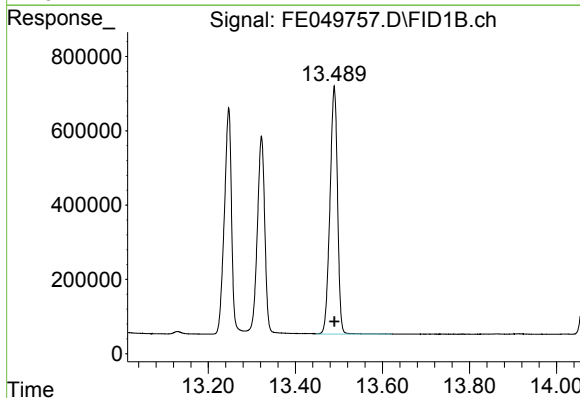
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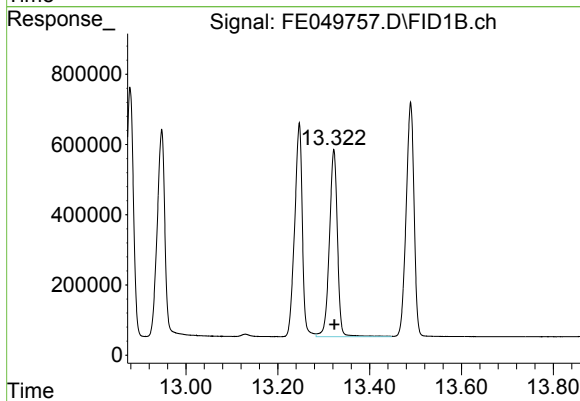
#10 n-Eicosane (C20)

R.T.: 12.878 min  
Delta R.T.: 0.000 min  
Response: 8235646  
Conc: 55.16 ug/ml



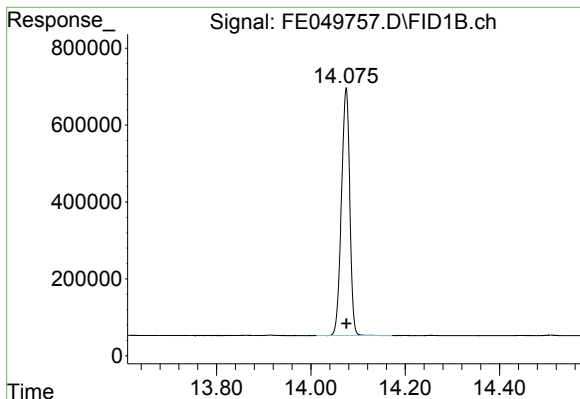
#11 n-Heneicosane (C21)

R.T.: 13.489 min  
Delta R.T.: 0.000 min  
Response: 8015318  
Conc: 54.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min  
Delta R.T.: -0.001 min  
Response: 6493366  
Conc: 53.22 ug/ml



#13 n-Docosane (C22)

R.T.: 14.075 min  
Delta R.T.: 0.000 min  
Response: 7888345  
Conc: 54.12 ug/ml

Instrument :

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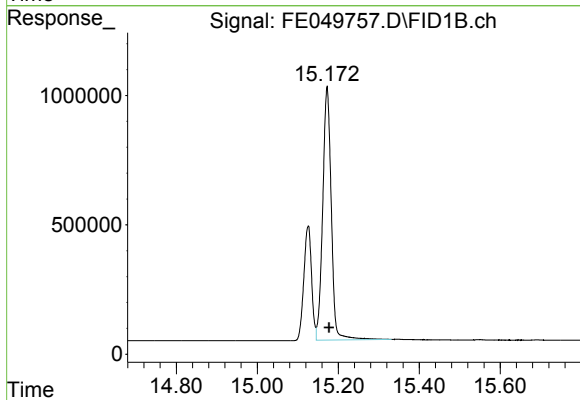
ClientSampleId :

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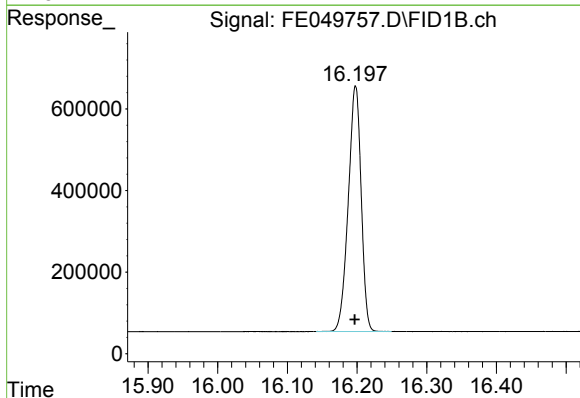
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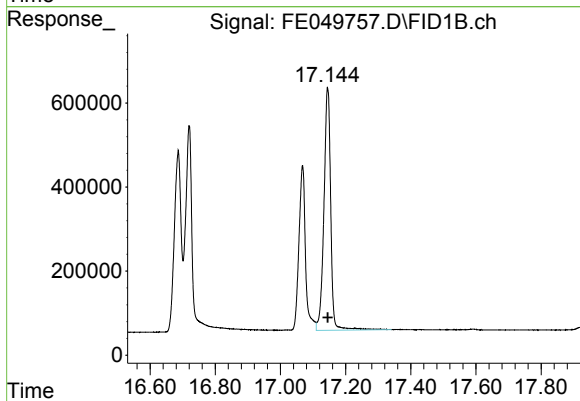
#14 n-Tetracosane (C24)

R.T.: 15.172 min  
Delta R.T.: -0.004 min  
Response: 14369767  
Conc: 98.78 ug/ml



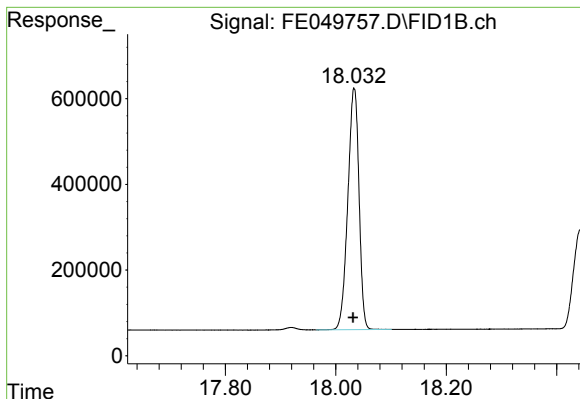
#15 n-Hexacosane (C26)

R.T.: 16.198 min  
Delta R.T.: 0.001 min  
Response: 7734260  
Conc: 53.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min  
Delta R.T.: 0.000 min  
Response: 8353818  
Conc: 58.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.033 min  
Delta R.T.: 0.002 min  
Response: 7913839  
Conc: 52.86 ug/ml

Instrument :

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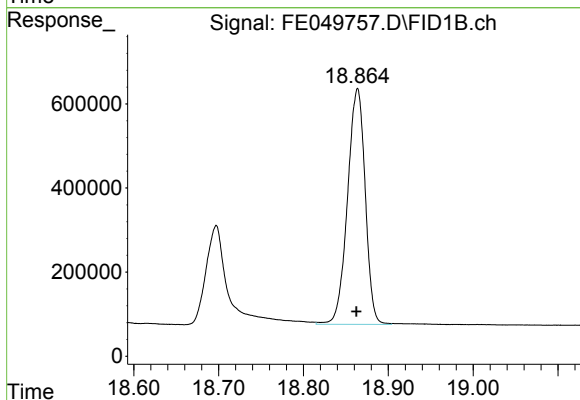
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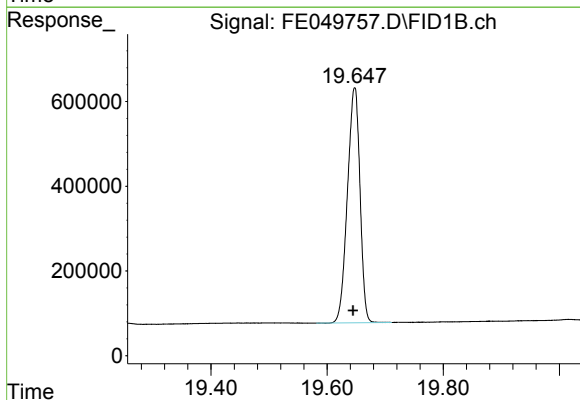
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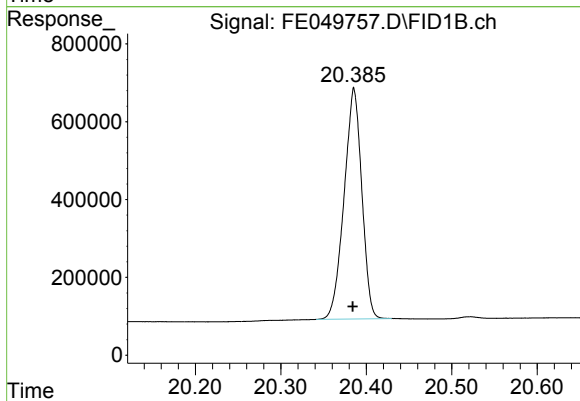
#18 n-Dotriacontane (C32)

R.T.: 18.864 min  
Delta R.T.: 0.001 min  
Response: 8144196  
Conc: 53.83 ug/ml m



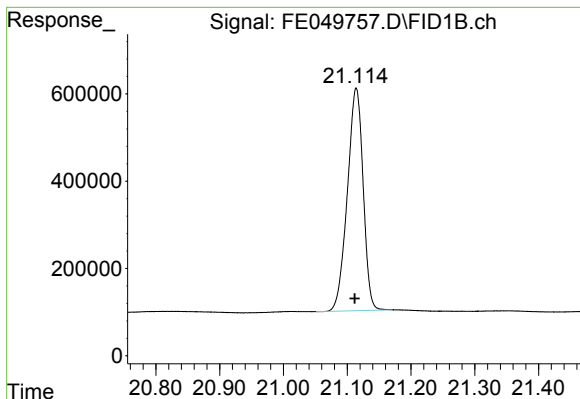
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min  
Delta R.T.: 0.003 min  
Response: 8335920  
Conc: 54.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min  
Delta R.T.: 0.002 min  
Response: 8540864  
Conc: 56.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min  
Delta R.T.: 0.002 min  
Response: 8766137  
Conc: 55.85 ug/ml

Instrument :

FID\_E

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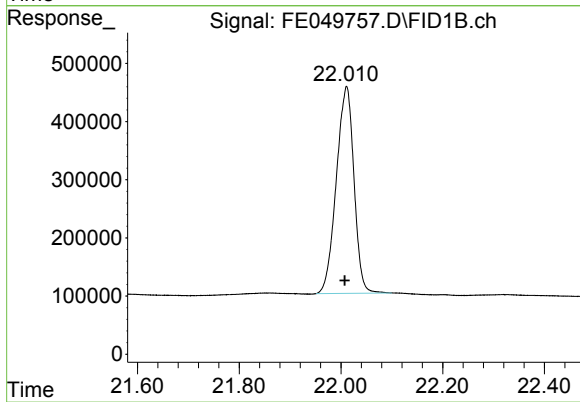
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#22 n-Tetracontane (C40)

R.T.: 22.011 min  
Delta R.T.: 0.004 min  
Response: 8560680  
Conc: 56.07 ug/ml