

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071724AL\  
 Data File : FE049172.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Jul 2024 13:24  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Jul 17 13:52:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 17 13:52:17 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)    | 11.911 | 1431512    | 9.234 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 18.47%      |
| 12) S 1-chlorooctadecane (S... | 13.346 | 1061590    | 9.022 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 18.04%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.301  | 1404901    | 9.422 ug/ml |
| 2) T n-Decane (C10)            | 4.550  | 1439349    | 9.351 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.256  | 1422676    | 9.051 ug/ml |
| 4) T n-Dodecane (C12)          | 6.716  | 1431464    | 9.311 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.352  | 1305824    | 8.820 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.543  | 1411339    | 9.359 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.151 | 1395682    | 9.203 ug/ml |
| 8) T n-Octadecane (C18)        | 11.592 | 1401861    | 9.256 ug/ml |
| 10) T n-Eicosane (C20)         | 12.902 | 1337159    | 9.274 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.513 | 1310208    | 9.261 ug/ml |
| 13) T n-Docosane (C22)         | 14.099 | 1295987    | 9.238 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.201 | 1302401    | 9.285 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.221 | 1300665    | 9.303 ug/ml |
| 16) T n-Octacosane (C28)       | 17.170 | 1297222    | 9.318 ug/ml |
| 17) T n-Tricontane (C30)       | 18.058 | 1359579    | 9.426 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.887 | 1372633    | 9.494 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.671 | 1354693    | 9.411 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.410 | 1358122    | 9.346 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.143 | 1386738    | 9.338 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.047 | 1403973    | 9.360 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

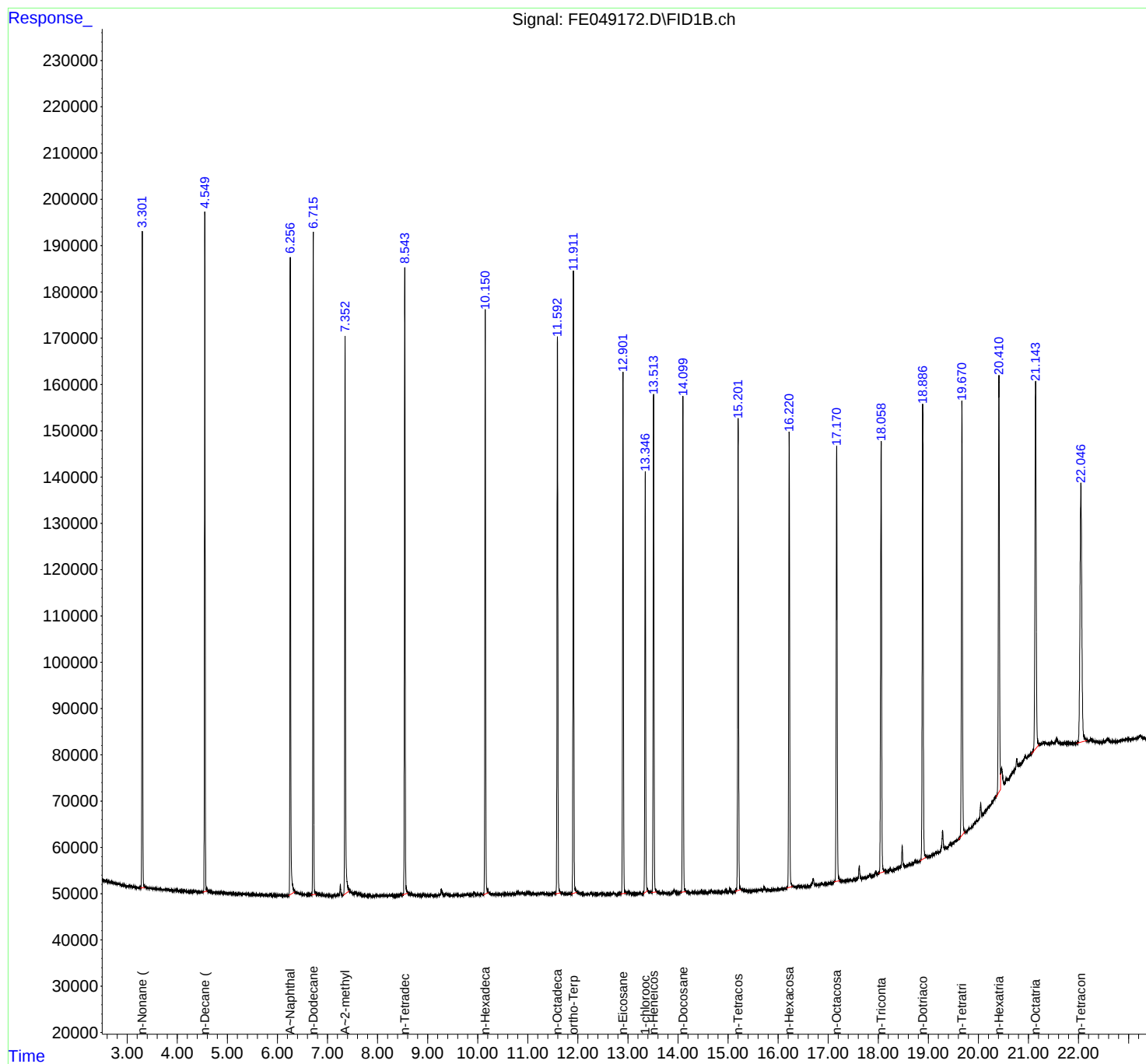
(m)=manual int.

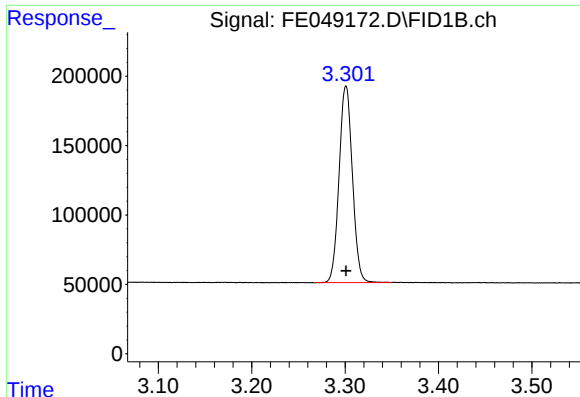
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071724AL\  
Data File : FE049172.D  
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Acq On : 17 Jul 2024 13:24  
Operator : YP\AJ  
Sample : 10 PPM ALIPHATIC HC STD4  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

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10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
Quant Time: Jul 17 13:52:25 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 17 13:52:17 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

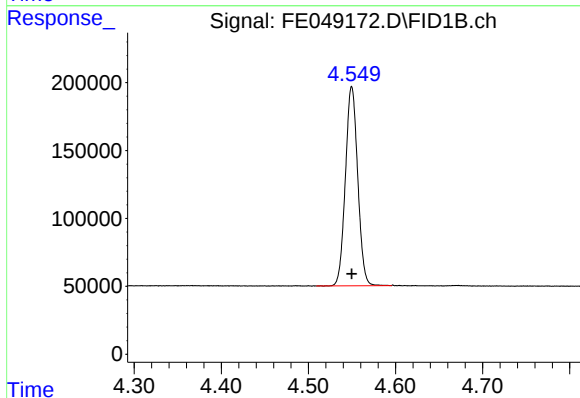




#1 n-Nonane (C9)

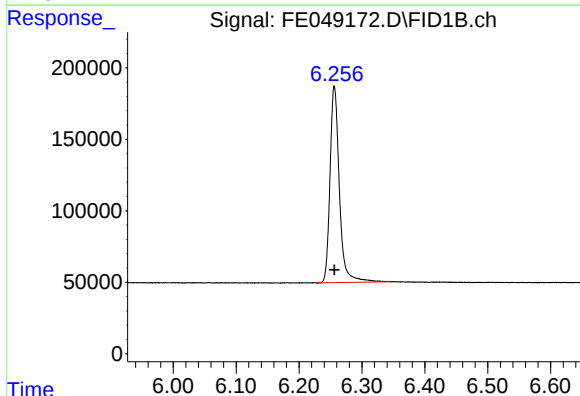
R.T.: 3.301 min  
Delta R.T.: 0.000 min  
Response: 1404901  
Conc: 9.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



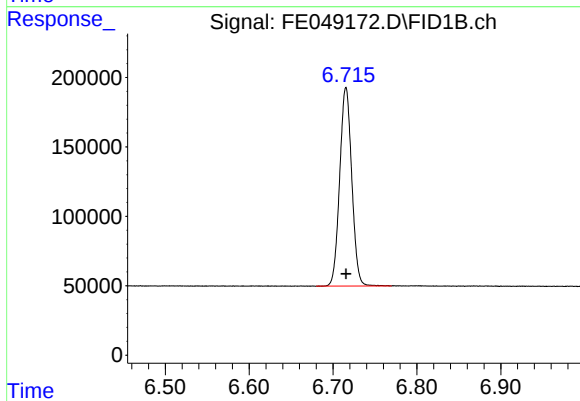
#2 n-Decane (C10)

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 1439349  
Conc: 9.35 ug/ml



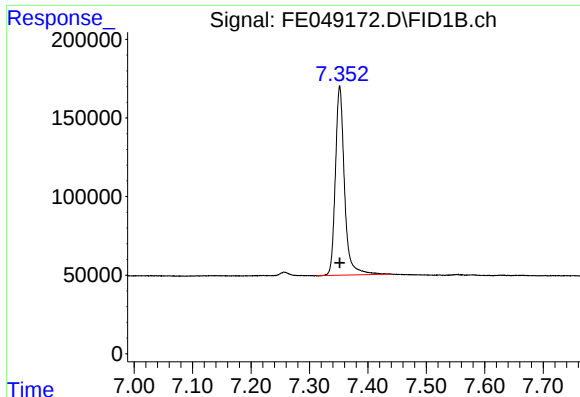
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 1422676  
Conc: 9.05 ug/ml



#4 n-Dodecane (C12)

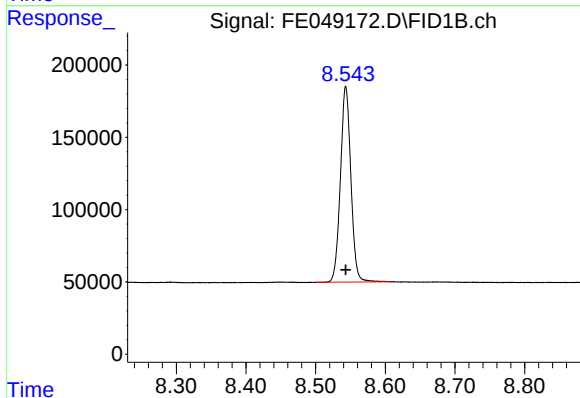
R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 1431464  
Conc: 9.31 ug/ml



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

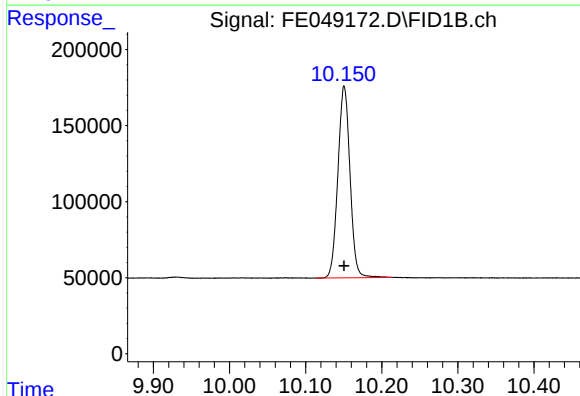
R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 1305824  
Conc: 8.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



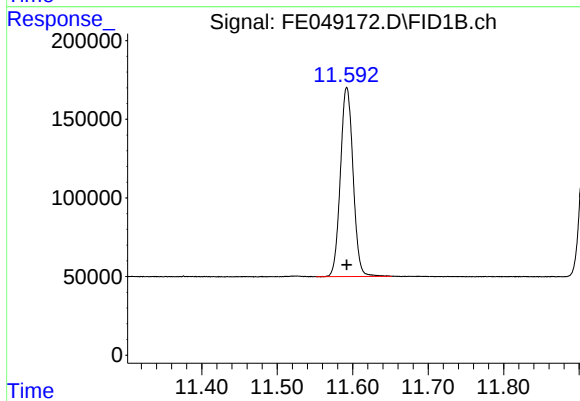
#6 n-Tetradecane (C14)

R.T.: 8.543 min  
Delta R.T.: 0.000 min  
Response: 1411339  
Conc: 9.36 ug/ml



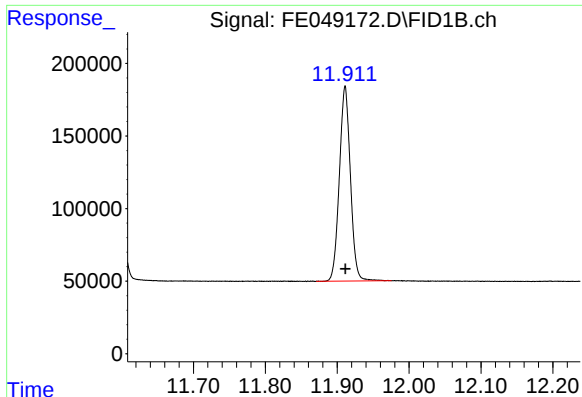
#7 n-Hexadecane (C16)

R.T.: 10.151 min  
Delta R.T.: 0.000 min  
Response: 1395682  
Conc: 9.20 ug/ml



#8 n-Octadecane (C18)

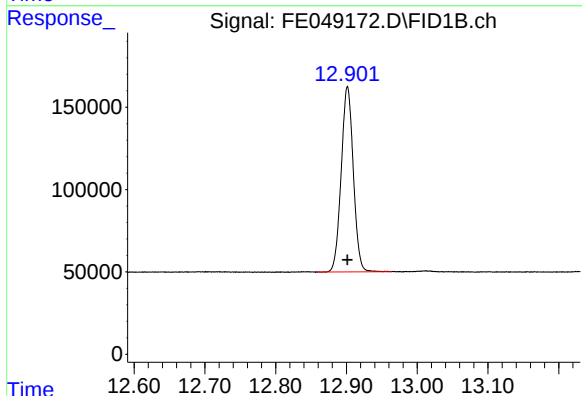
R.T.: 11.592 min  
Delta R.T.: 0.000 min  
Response: 1401861  
Conc: 9.26 ug/ml



#9 ortho-Terphenyl (SURR)

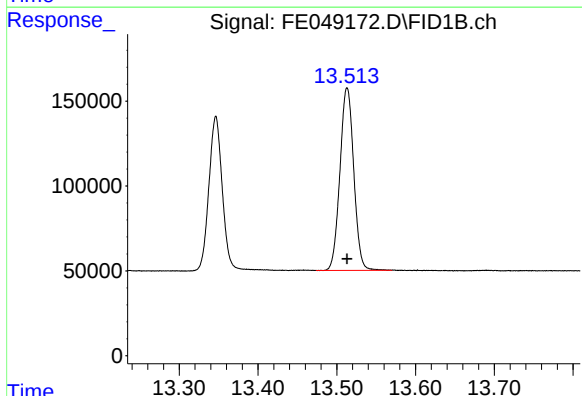
R.T.: 11.911 min  
Delta R.T.: 0.000 min  
Response: 1431512  
Conc: 9.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



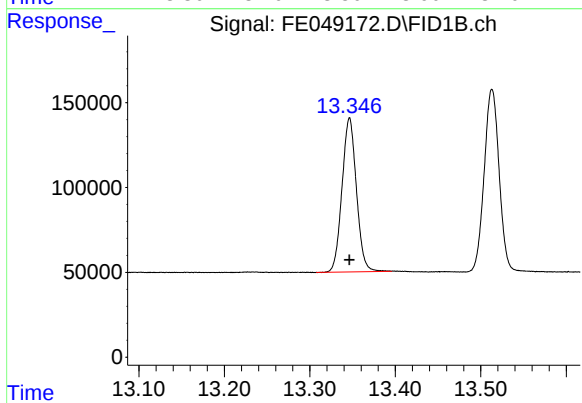
#10 n-Eicosane (C20)

R.T.: 12.902 min  
Delta R.T.: 0.000 min  
Response: 1337159  
Conc: 9.27 ug/ml



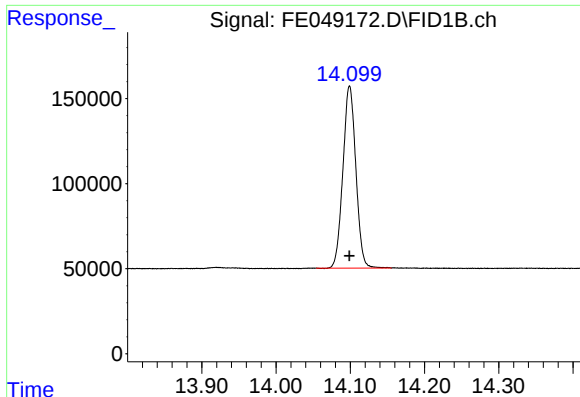
#11 n-Heneicosane (C21)

R.T.: 13.513 min  
Delta R.T.: 0.000 min  
Response: 1310208  
Conc: 9.26 ug/ml



#12 1-chlorooctadecane (SURR)

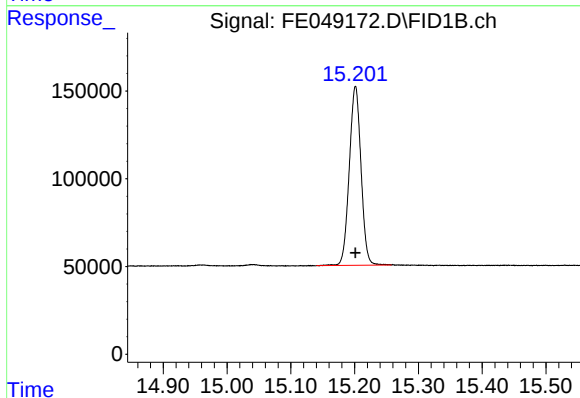
R.T.: 13.346 min  
Delta R.T.: 0.000 min  
Response: 1061590  
Conc: 9.02 ug/ml



#13 n-Docosane (C22)

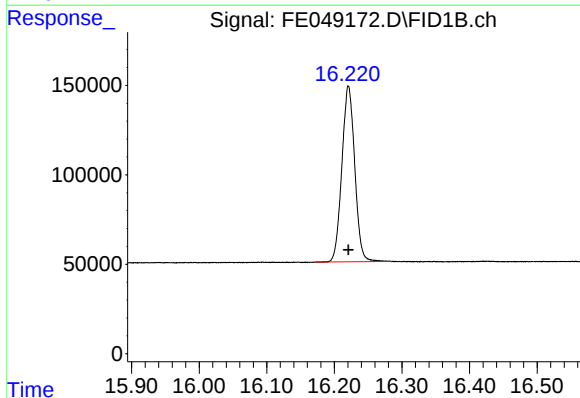
R.T.: 14.099 min  
Delta R.T.: 0.000 min  
Response: 1295987  
Conc: 9.24 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



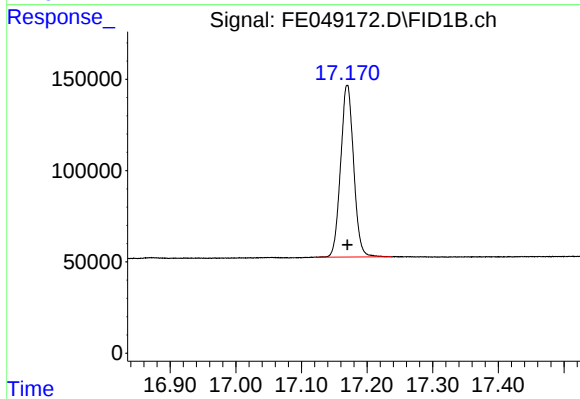
#14 n-Tetracosane (C24)

R.T.: 15.201 min  
Delta R.T.: 0.000 min  
Response: 1302401  
Conc: 9.28 ug/ml



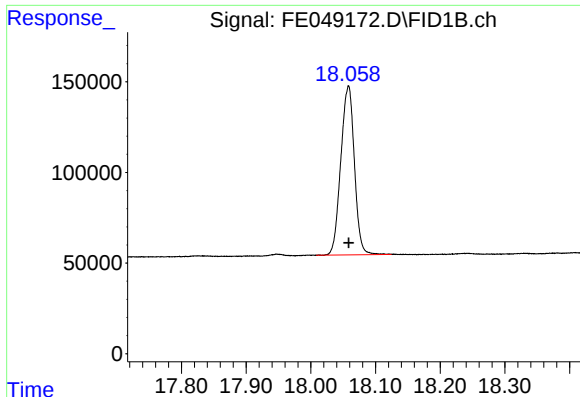
#15 n-Hexacosane (C26)

R.T.: 16.221 min  
Delta R.T.: 0.000 min  
Response: 1300665  
Conc: 9.30 ug/ml



#16 n-Octacosane (C28)

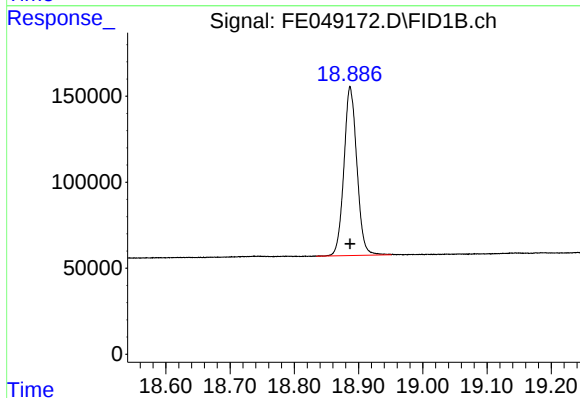
R.T.: 17.170 min  
Delta R.T.: 0.000 min  
Response: 1297222  
Conc: 9.32 ug/ml



#17 n-Tricontane (C30)

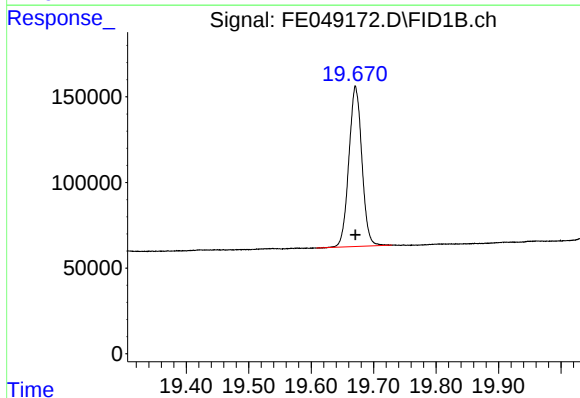
R.T.: 18.058 min  
Delta R.T.: 0.000 min  
Response: 1359579  
Conc: 9.43 ug/ml

Instrument :  
FID\_E  
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10 PPM ALIPHATIC HC STD4



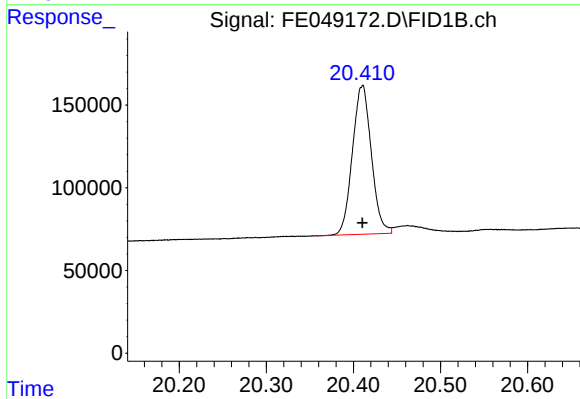
#18 n-Dotriacontane (C32)

R.T.: 18.887 min  
Delta R.T.: 0.000 min  
Response: 1372633  
Conc: 9.49 ug/ml



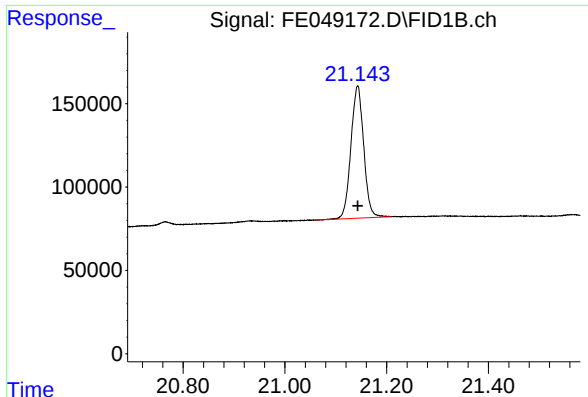
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min  
Delta R.T.: 0.000 min  
Response: 1354693  
Conc: 9.41 ug/ml



#20 n-Hexatriacontane (C36)

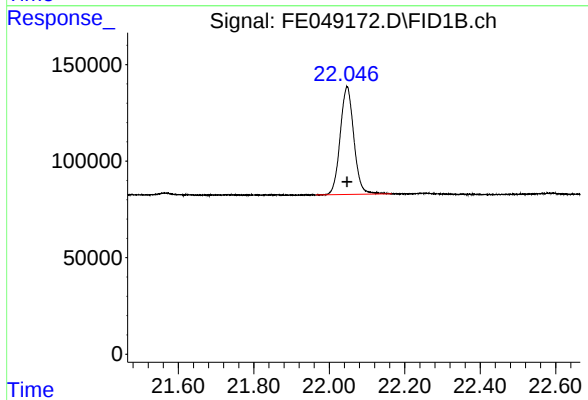
R.T.: 20.410 min  
Delta R.T.: 0.000 min  
Response: 1358122  
Conc: 9.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min  
Delta R.T.: 0.000 min  
Response: 1386738  
Conc: 9.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.047 min  
Delta R.T.: 0.000 min  
Response: 1403973  
Conc: 9.36 ug/ml