

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061923AL\  
 Data File : FE042740.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jun 2023 09:47  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: sample.E  
 Quant Time: Jun 20 14:15:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061723.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 19 02:33:05 2023  
 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)    | 11.933 | 3572058    | 18.446 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.89%        |
| 12) S 1-chlorooctadecane (S... | 13.369 | 2645363    | 18.346 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.69%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.309  | 3035955    | 19.428 ug/ml  |
| 2) T n-Decane (C10)            | 4.562  | 3111075    | 19.500 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.272  | 3367056    | 19.589 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.731  | 3156052    | 19.501 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.370  | 3236147    | 19.548 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.561  | 3130108    | 19.419 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.169 | 3219511    | 19.135 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.613 | 3235688    | 18.858 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.923 | 3080499    | 18.561 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.536 | 3001724    | 18.426 ug/ml  |
| 13) T n-Docosane (C22)         | 14.122 | 2951752    | 18.302 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.225 | 2868863    | 18.161 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.247 | 2754112    | 18.226 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.197 | 2664287    | 18.611 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.085 | 2713998    | 19.249 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.917 | 2728809    | 20.049 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.702 | 2689933    | 20.345 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.443 | 2615008    | 20.333 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.187 | 2545484    | 19.658 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.111 | 2596326    | 19.917 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

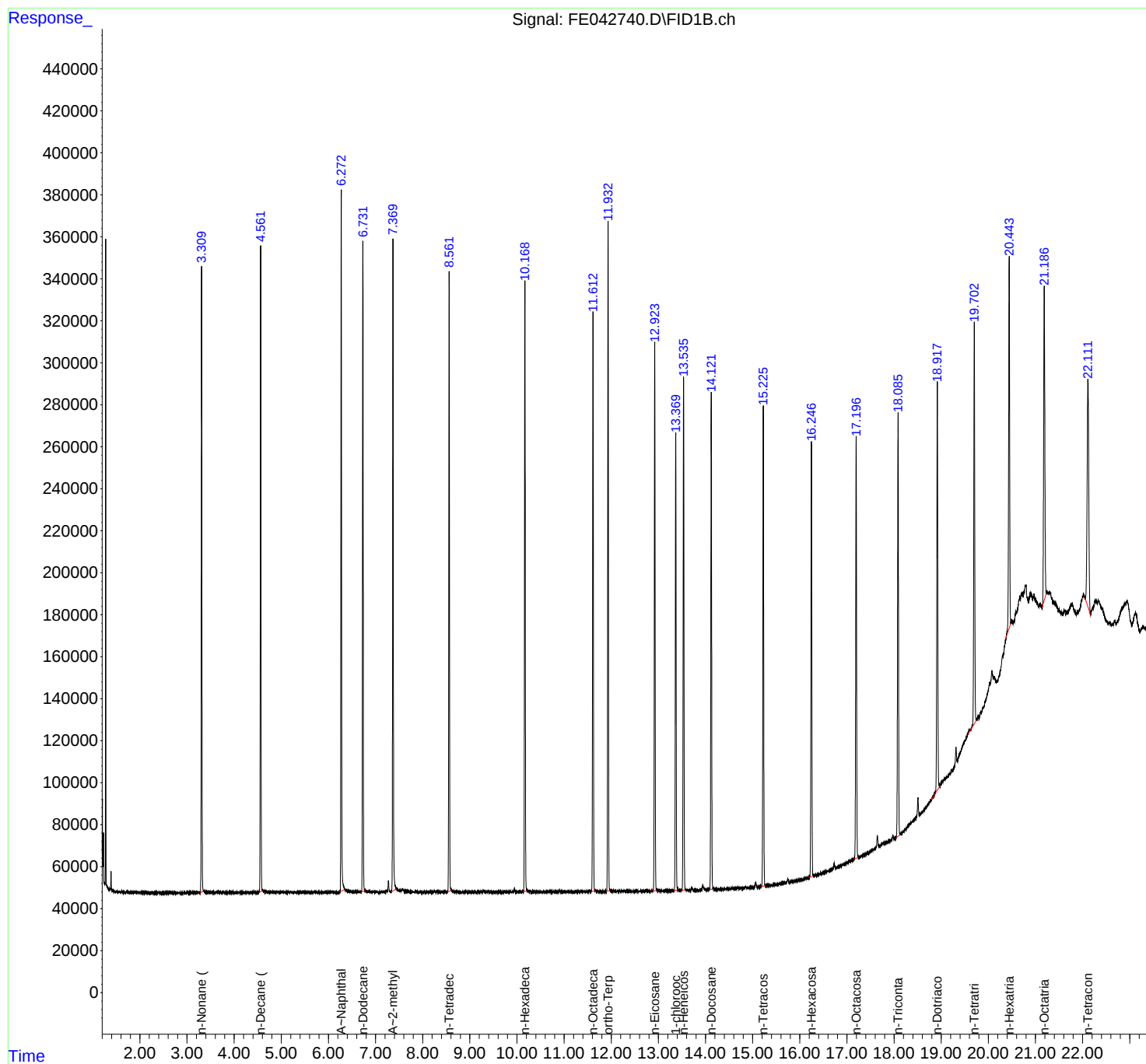
(m)=manual int.

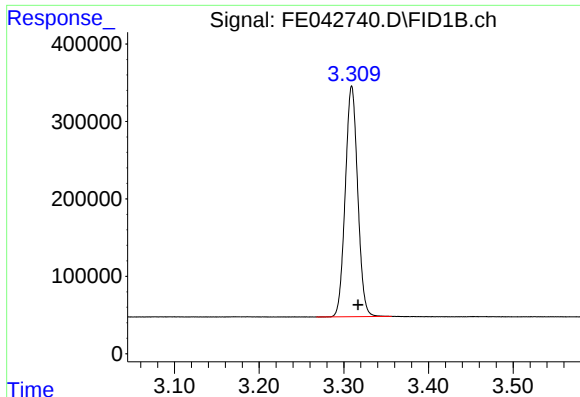
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061923AL\  
Data File : FE042740.D  
Signal(s) : FID1B.ch  
Acq On : 20 Jun 2023 09:47  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD

Integration File: sample.E  
Quant Time: Jun 20 14:15:44 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061723.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 19 02:33:05 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

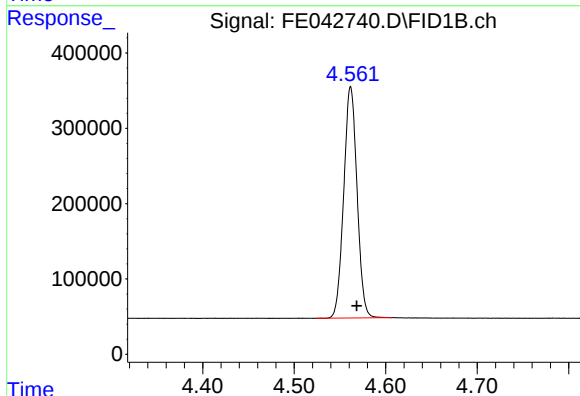




#1 n-Nonane (C9)

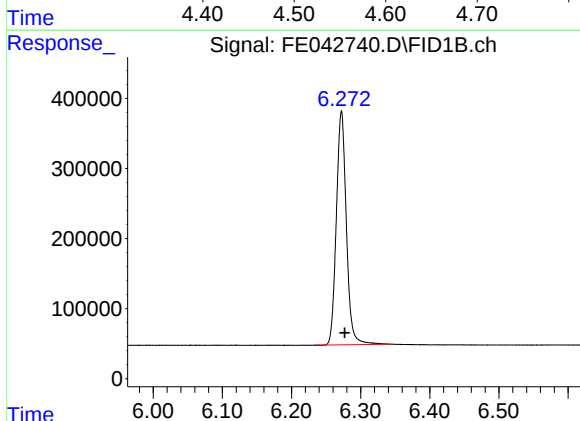
R.T.: 3.309 min  
Delta R.T.: -0.008 min  
Response: 3035955  
Conc: 19.43 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



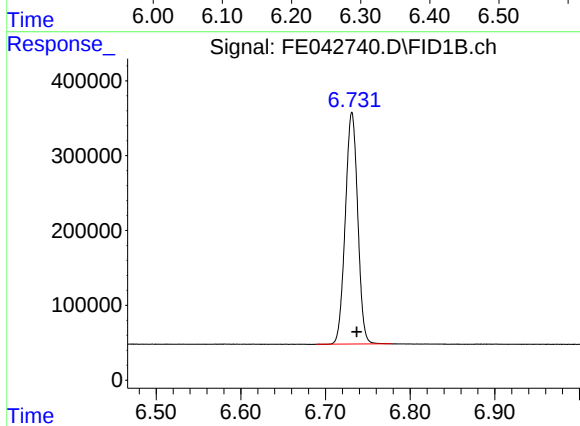
#2 n-Decane (C10)

R.T.: 4.562 min  
Delta R.T.: -0.007 min  
Response: 3111075  
Conc: 19.50 ug/ml



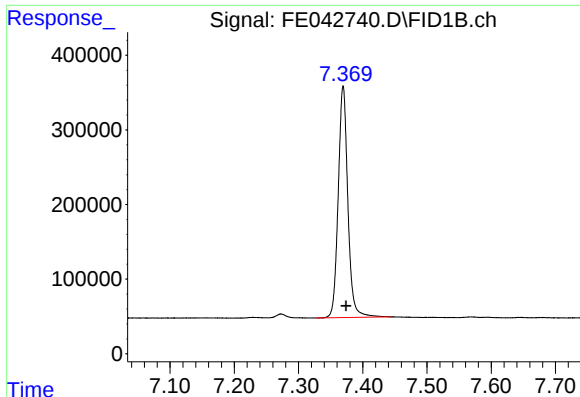
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min  
Delta R.T.: -0.005 min  
Response: 3367056  
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

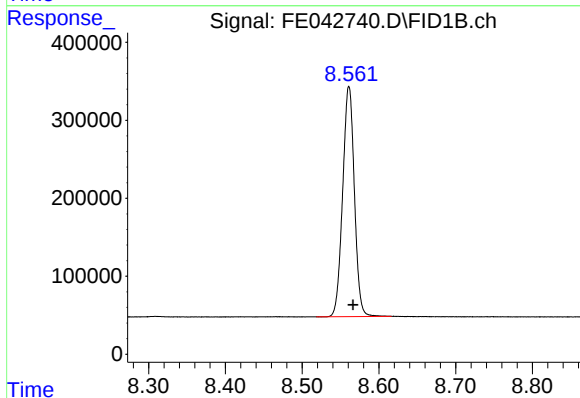
R.T.: 6.731 min  
Delta R.T.: -0.006 min  
Response: 3156052  
Conc: 19.50 ug/ml



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

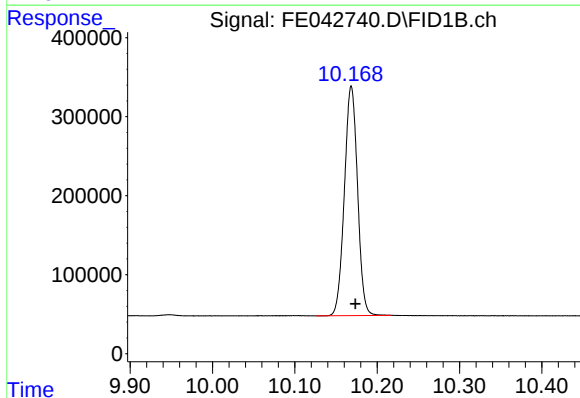
R.T.: 7.370 min  
Delta R.T.: -0.005 min  
Response: 3236147  
Conc: 19.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



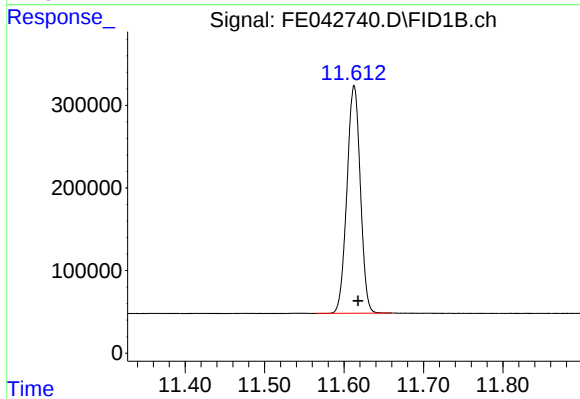
#6 n-Tetradecane (C14)

R.T.: 8.561 min  
Delta R.T.: -0.005 min  
Response: 3130108  
Conc: 19.42 ug/ml



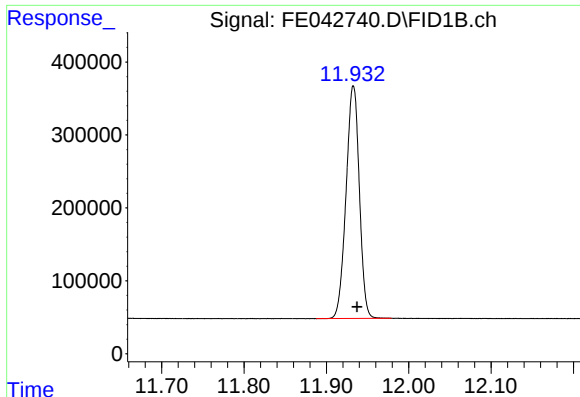
#7 n-Hexadecane (C16)

R.T.: 10.169 min  
Delta R.T.: -0.005 min  
Response: 3219511  
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

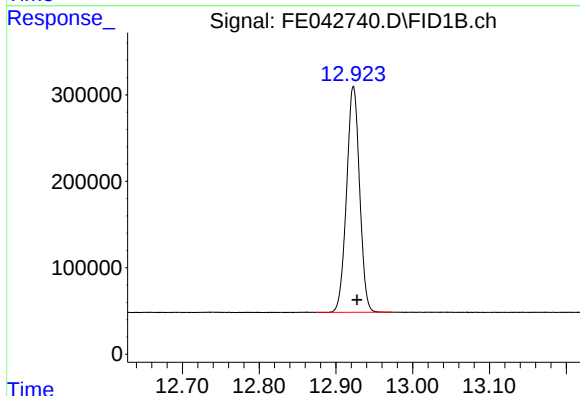
R.T.: 11.613 min  
Delta R.T.: -0.005 min  
Response: 3235688  
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

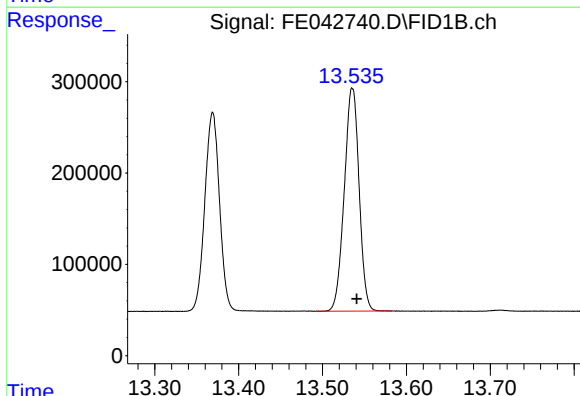
R.T.: 11.933 min  
Delta R.T.: -0.005 min  
Response: 3572058  
Conc: 18.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



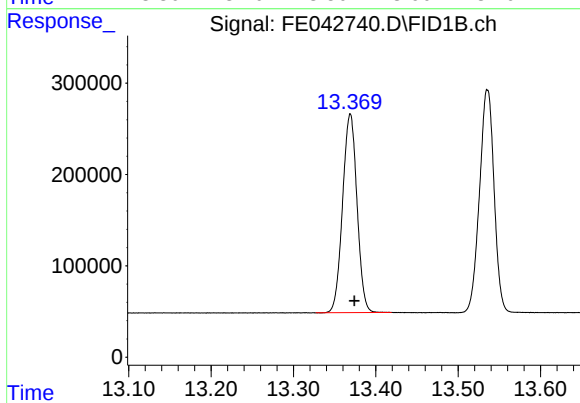
#10 n-Eicosane (C20)

R.T.: 12.923 min  
Delta R.T.: -0.005 min  
Response: 3080499  
Conc: 18.56 ug/ml



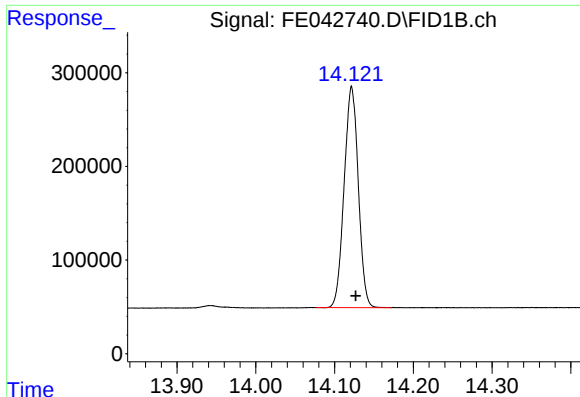
#11 n-Heneicosane (C21)

R.T.: 13.536 min  
Delta R.T.: -0.005 min  
Response: 3001724  
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

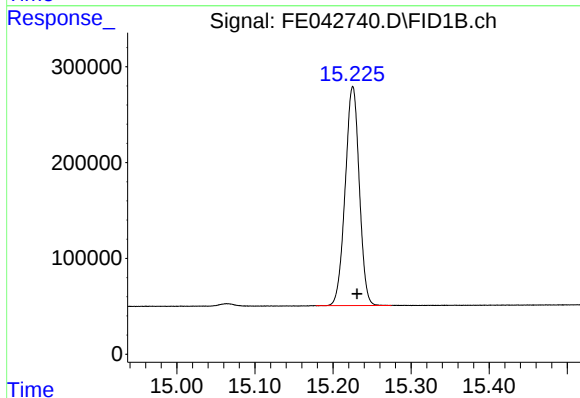
R.T.: 13.369 min  
Delta R.T.: -0.005 min  
Response: 2645363  
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

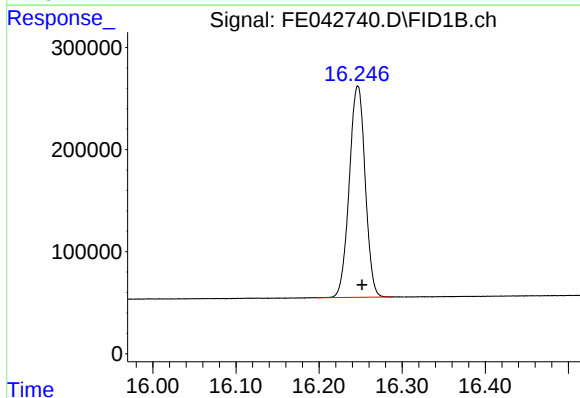
R.T.: 14.122 min  
Delta R.T.: -0.005 min  
Response: 2951752  
Conc: 18.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



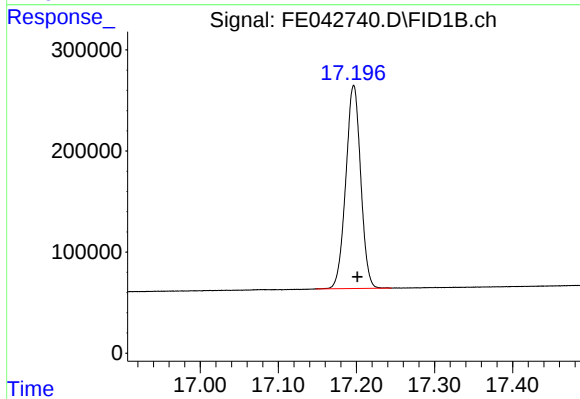
#14 n-Tetracosane (C24)

R.T.: 15.225 min  
Delta R.T.: -0.005 min  
Response: 2868863  
Conc: 18.16 ug/ml



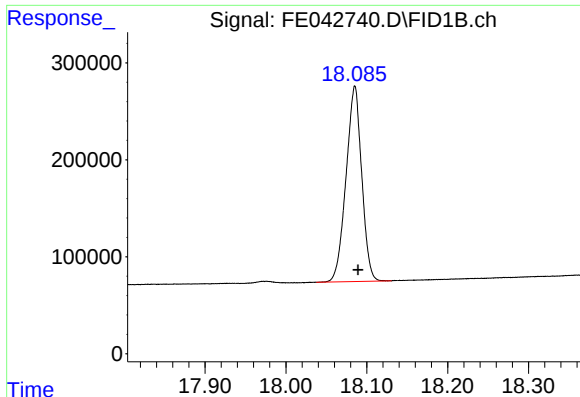
#15 n-Hexacosane (C26)

R.T.: 16.247 min  
Delta R.T.: -0.005 min  
Response: 2754112  
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

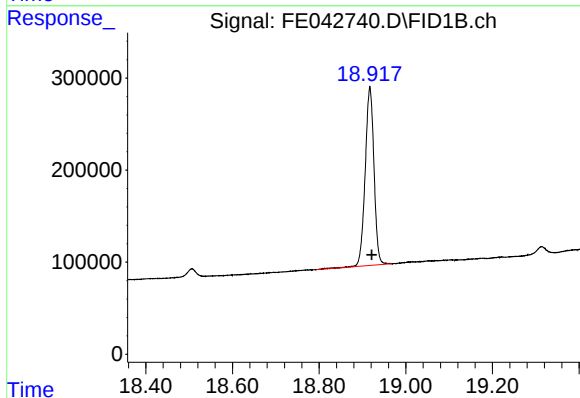
R.T.: 17.197 min  
Delta R.T.: -0.005 min  
Response: 2664287  
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

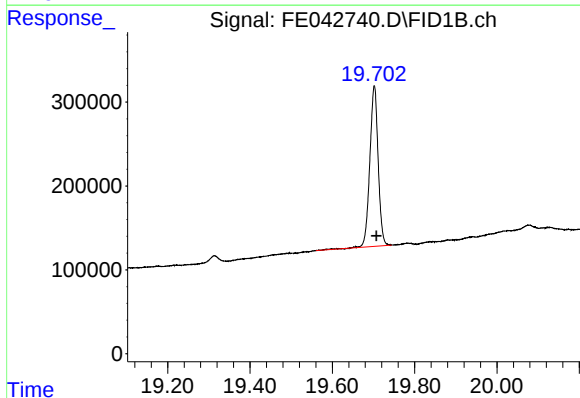
R.T.: 18.085 min  
Delta R.T.: -0.004 min  
Response: 2713998  
Conc: 19.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



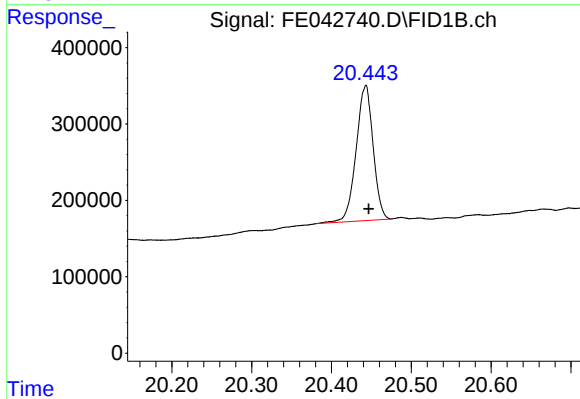
#18 n-Dotriacontane (C32)

R.T.: 18.917 min  
Delta R.T.: -0.005 min  
Response: 2728809  
Conc: 20.05 ug/ml



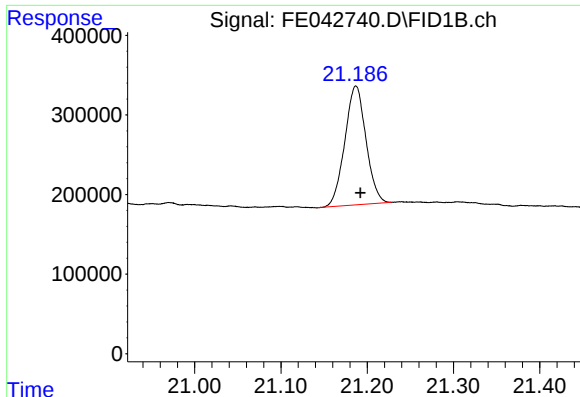
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min  
Delta R.T.: -0.005 min  
Response: 2689933  
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

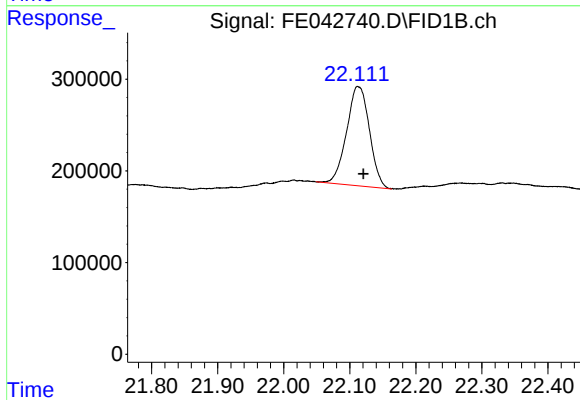
R.T.: 20.443 min  
Delta R.T.: -0.004 min  
Response: 2615008  
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min  
Delta R.T.: -0.005 min  
Response: 2545484  
Conc: 19.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.111 min  
Delta R.T.: -0.009 min  
Response: 2596326  
Conc: 19.92 ug/ml m