

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121724AL\  
 Data File : FE051671.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Dec 2024 15:10  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 17 15:33:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121724.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 17 15:04:25 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)    | 12.011 | 3131979    | 19.509 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.02%       |
| 12) S 1-chlorooctadecane (S... | 13.432 | 2435835    | 19.309 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.62%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.487  | 2400618    | 20.035 ug/ml |
| 2) T n-Decane (C10)            | 4.719  | 2482938    | 19.970 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.404  | 2833300    | 19.883 ug/ml |
| 4) T n-Dodecane (C12)          | 6.852  | 2582957    | 19.851 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.486  | 2800553    | 19.789 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.663  | 2638024    | 19.675 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.257 | 2794228    | 19.552 ug/ml |
| 8) T n-Octadecane (C18)        | 11.689 | 2874421    | 19.499 ug/ml |
| 10) T n-Eicosane (C20)         | 12.990 | 2799271    | 19.458 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.597 | 2761773    | 19.434 ug/ml |
| 13) T n-Docosane (C22)         | 14.179 | 2750523    | 19.510 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.274 | 2756642    | 19.758 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.287 | 2656120    | 19.713 ug/ml |
| 16) T n-Octacosane (C28)       | 17.230 | 2569269    | 19.750 ug/ml |
| 17) T n-Tricontane (C30)       | 18.111 | 2573137    | 19.443 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.937 | 2449159    | 19.536 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.714 | 2112189    | 19.198 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.449 | 2804350    | 29.208 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.187 | 1791905    | 19.900 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.110 | 1931570    | 19.790 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

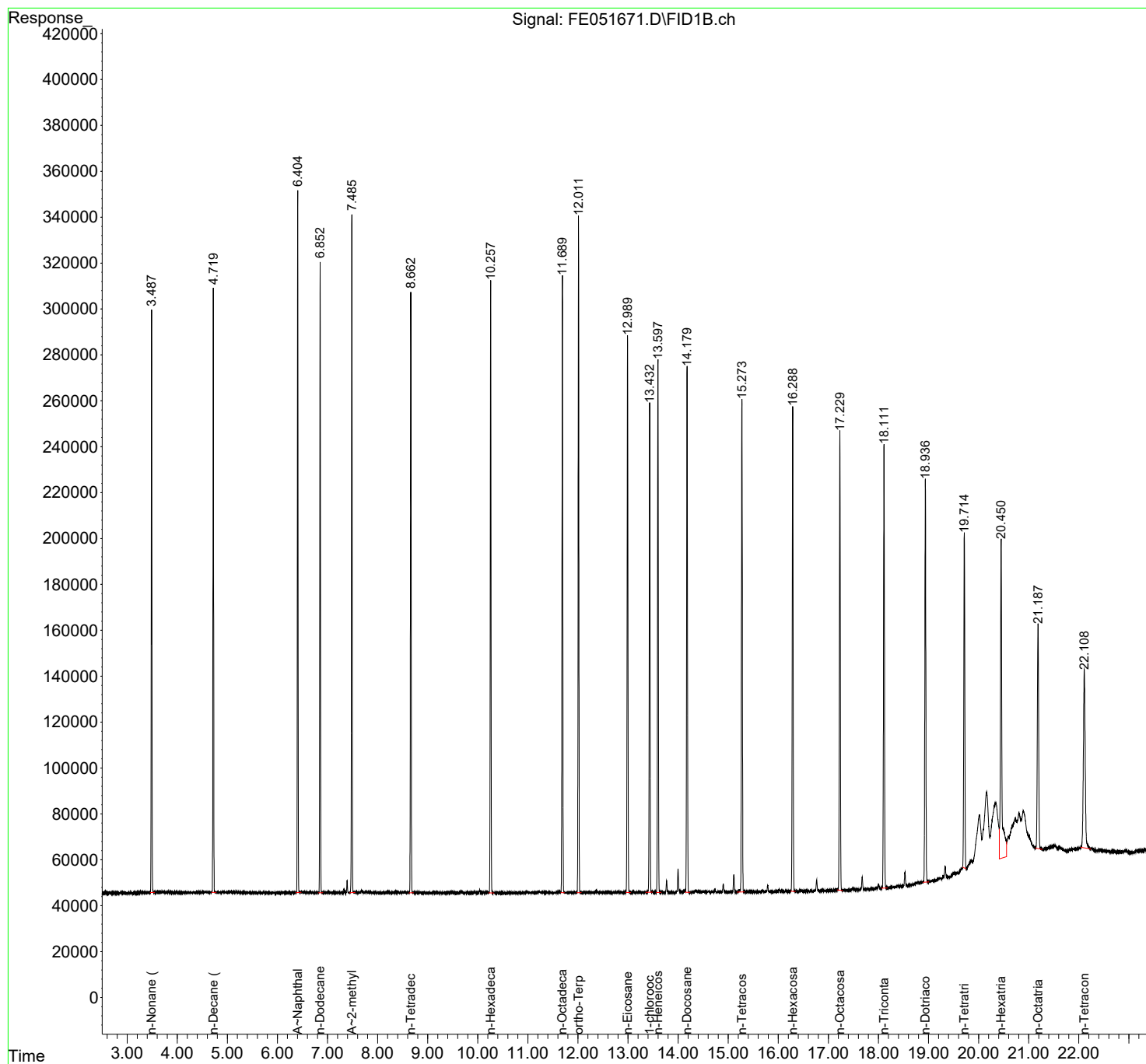
(m)=manual int.

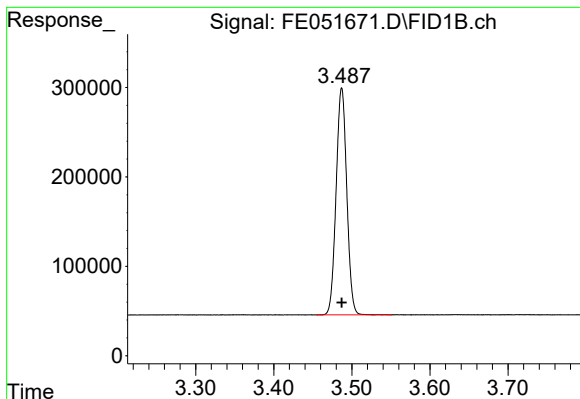
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121724AL\  
Data File : FE051671.D  
Signal(s) : FID1B.ch  
Acq On : 17 Dec 2024 15:10  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD ICV  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Dec 17 15:33:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121724.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 17 15:04:25 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
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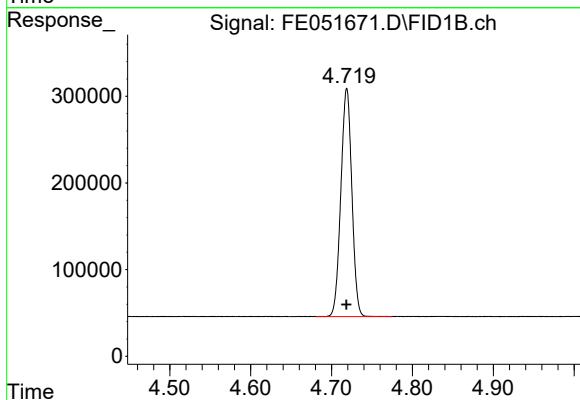




#1 n-Nonane (C9)

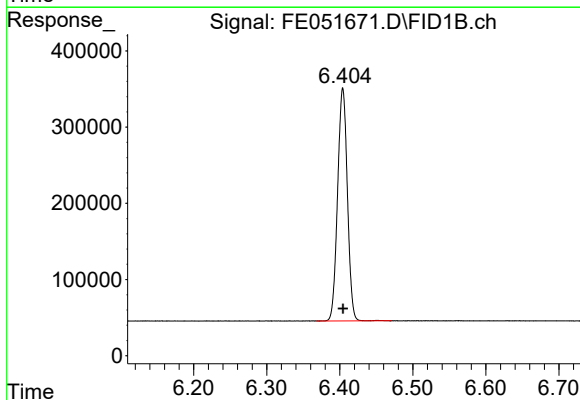
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 2400618  
Conc: 20.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



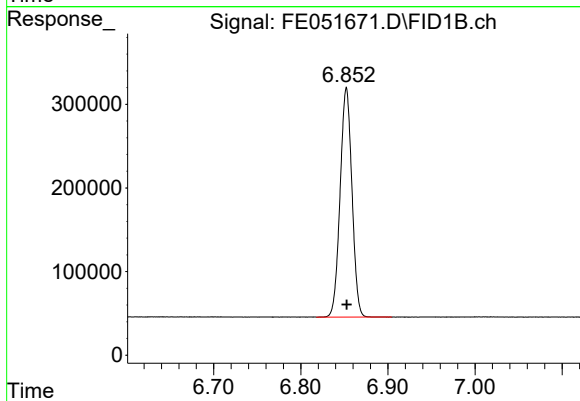
#2 n-Decane (C10)

R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 2482938  
Conc: 19.97 ug/ml



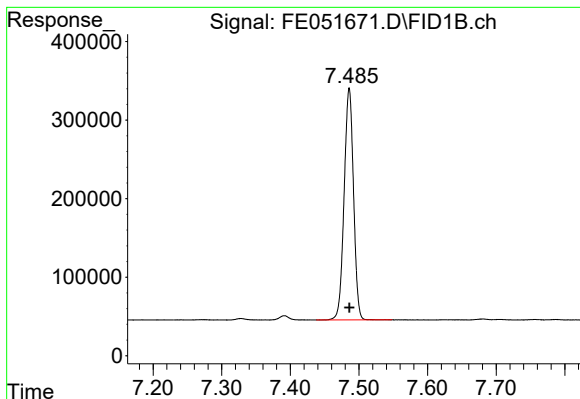
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 2833300  
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

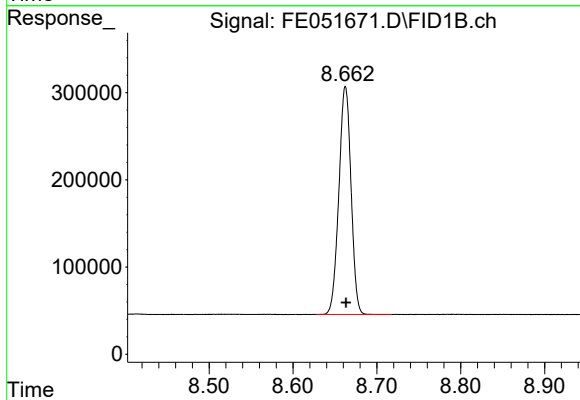
R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 2582957  
Conc: 19.85 ug/ml



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

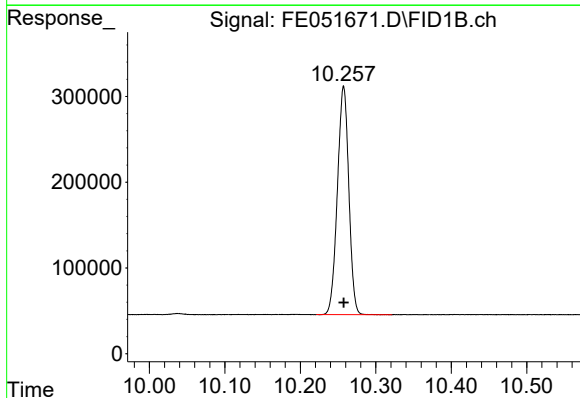
R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 2800553  
Conc: 19.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



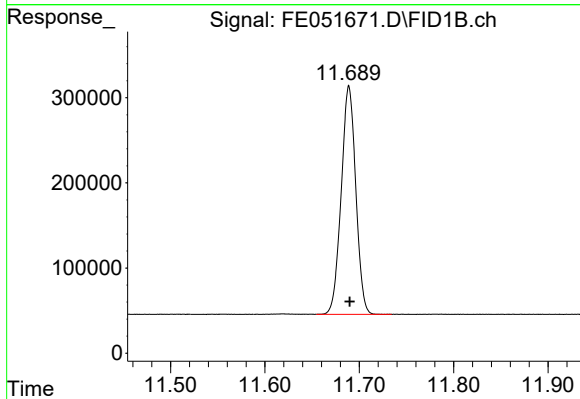
#6 n-Tetradecane (C14)

R.T.: 8.663 min  
Delta R.T.: 0.000 min  
Response: 2638024  
Conc: 19.67 ug/ml



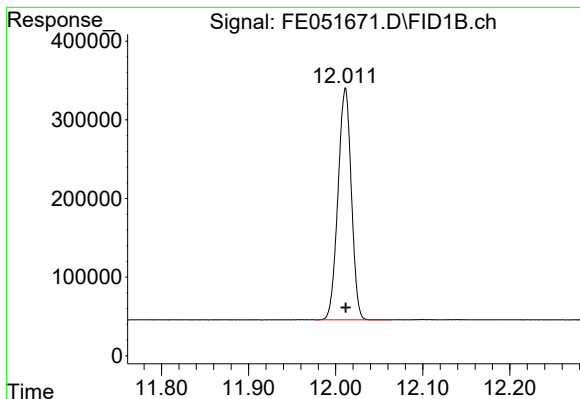
#7 n-Hexadecane (C16)

R.T.: 10.257 min  
Delta R.T.: 0.000 min  
Response: 2794228  
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

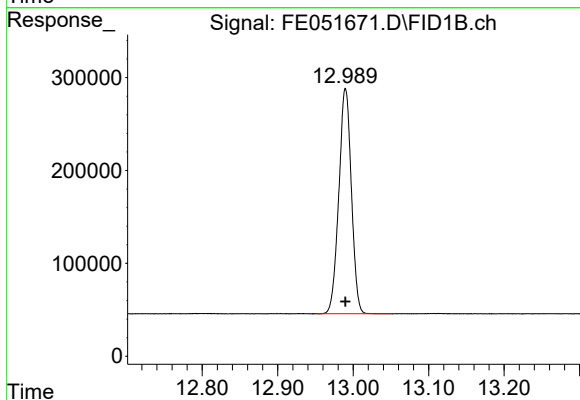
R.T.: 11.689 min  
Delta R.T.: 0.000 min  
Response: 2874421  
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

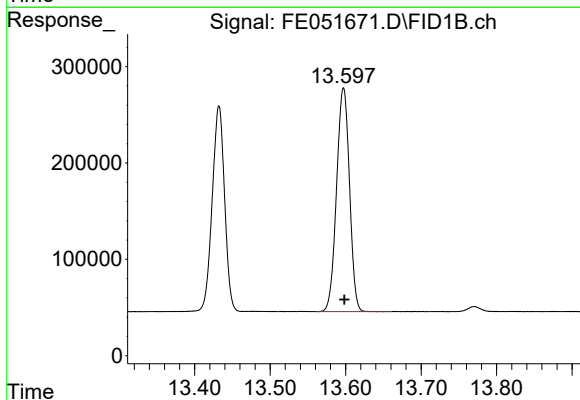
R.T.: 12.011 min  
Delta R.T.: 0.000 min  
Response: 3131979  
Conc: 19.51 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



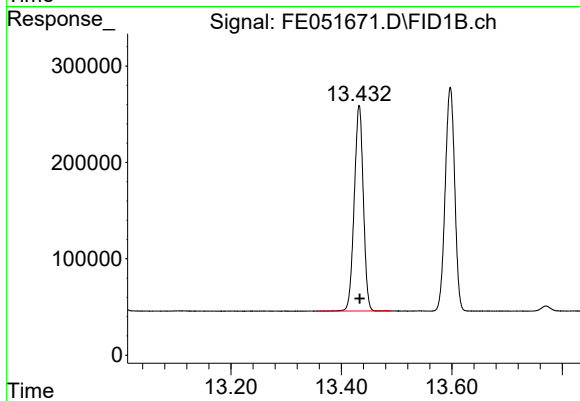
#10 n-Eicosane (C20)

R.T.: 12.990 min  
Delta R.T.: 0.000 min  
Response: 2799271  
Conc: 19.46 ug/ml



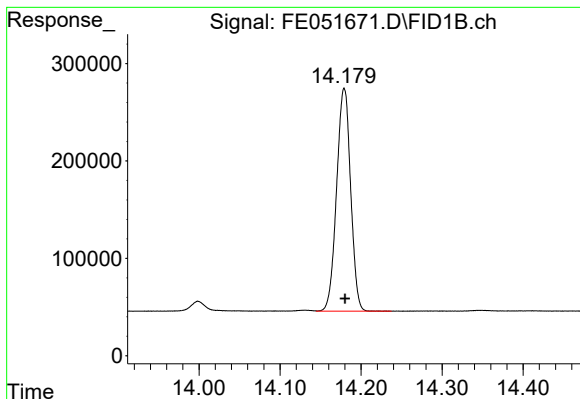
#11 n-Heneicosane (C21)

R.T.: 13.597 min  
Delta R.T.: -0.001 min  
Response: 2761773  
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.432 min  
Delta R.T.: 0.000 min  
Response: 2435835  
Conc: 19.31 ug/ml



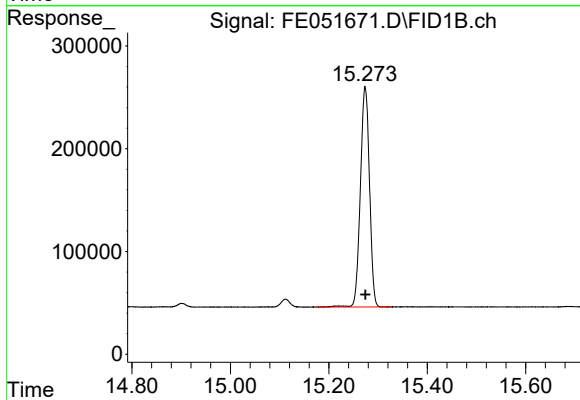
#13 n-Docosane (C22)

R.T.: 14.179 min  
Delta R.T.: -0.001 min  
Response: 2750523  
Conc: 19.51 ug/ml

Instrument :

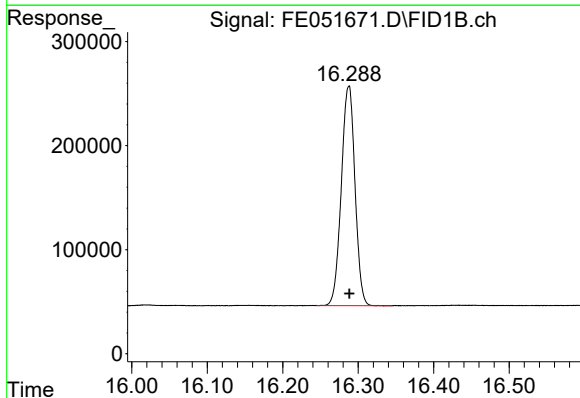
FID\_E

ClientSampleId :



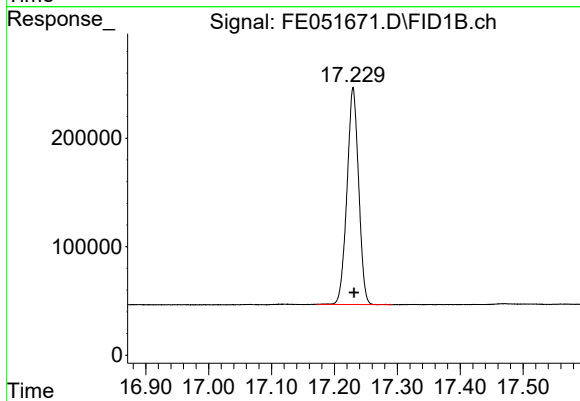
#14 n-Tetracosane (C24)

R.T.: 15.274 min  
Delta R.T.: 0.000 min  
Response: 2756642  
Conc: 19.76 ug/ml



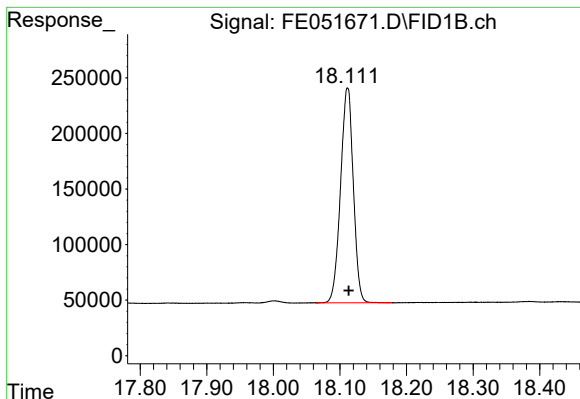
#15 n-Hexacosane (C26)

R.T.: 16.287 min  
Delta R.T.: -0.001 min  
Response: 2656120  
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

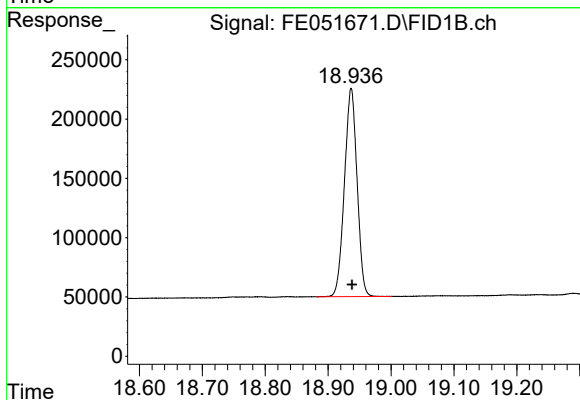
R.T.: 17.230 min  
Delta R.T.: -0.002 min  
Response: 2569269  
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

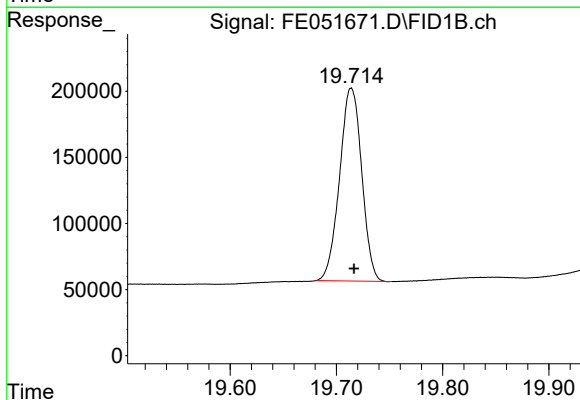
R.T.: 18.111 min  
Delta R.T.: -0.002 min  
Response: 2573137  
Conc: 19.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



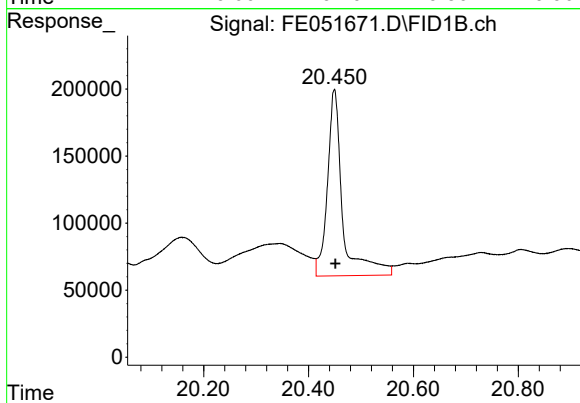
#18 n-Dotriacontane (C32)

R.T.: 18.937 min  
Delta R.T.: -0.002 min  
Response: 2449159  
Conc: 19.54 ug/ml



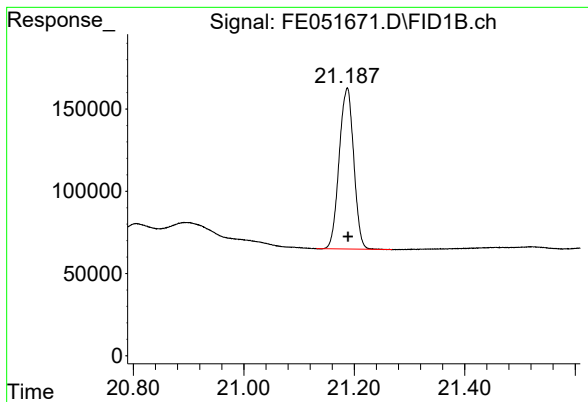
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min  
Delta R.T.: -0.003 min  
Response: 2112189  
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

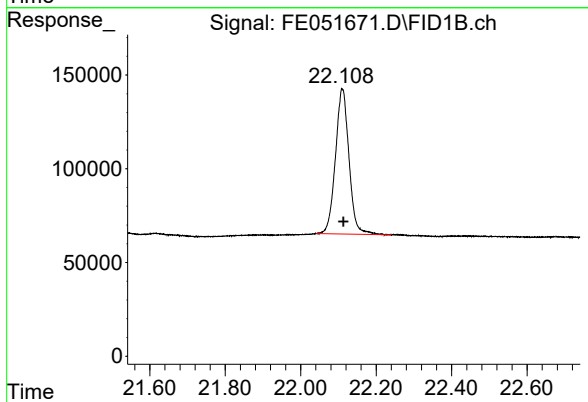
R.T.: 20.449 min  
Delta R.T.: -0.002 min  
Response: 2804350  
Conc: 29.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min  
Delta R.T.: -0.002 min  
Response: 1791905  
Conc: 19.90 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.110 min  
Delta R.T.: -0.003 min  
Response: 1931570  
Conc: 19.79 ug/ml