

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120224AL\  
 Data File : FE051500.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Dec 2024 13:53  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 02 14:17:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 02 14:17:35 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)    | 11.831 | 796441     | 5.270 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.54%      |
| 12) S 1-chlorooctadecane (S... | 13.264 | 565442     | 5.060 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.12%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.224  | 729740     | 5.207 ug/ml |
| 2) T n-Decane (C10)            | 4.471  | 732937     | 5.168 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.193  | 615637     | 4.657 ug/ml |
| 4) T n-Dodecane (C12)          | 6.637  | 734317     | 5.159 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.292  | 511141     | 4.261 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.463  | 717940     | 5.150 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.069 | 729200     | 5.132 ug/ml |
| 8) T n-Octadecane (C18)        | 11.509 | 744066     | 5.178 ug/ml |
| 10) T n-Eicosane (C20)         | 12.817 | 724415     | 5.248 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.428 | 712123     | 5.254 ug/ml |
| 13) T n-Docosane (C22)         | 14.013 | 702407     | 5.246 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.115 | 692576     | 5.241 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.133 | 680138     | 5.245 ug/ml |
| 16) T n-Octacosane (C28)       | 17.082 | 672364     | 5.274 ug/ml |
| 17) T n-Tricontane (C30)       | 17.968 | 688818     | 5.320 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.799 | 675411     | 5.395 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.582 | 593684     | 5.257 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.323 | 487578     | 5.063 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.044 | 455079     | 4.998 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.919 | 455687     | 5.200 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

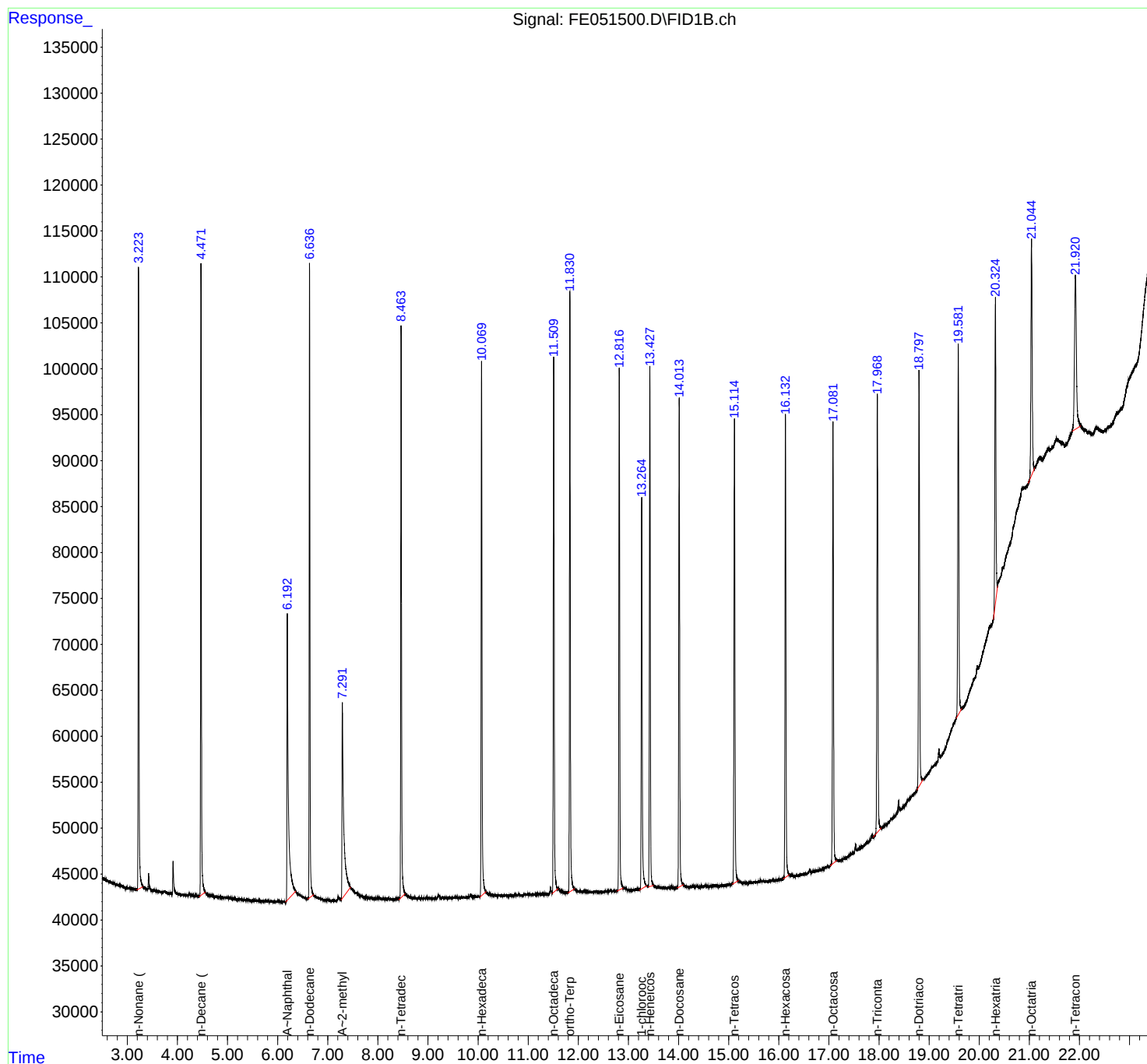
(m)=manual int.

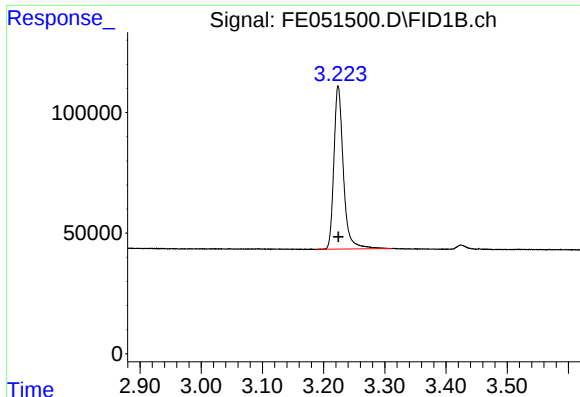
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120224AL\  
Data File : FE051500.D  
Signal(s) : FID1B.ch  
Acq On : 02 Dec 2024 13:53  
Operator : YP\AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Dec 02 14:17:43 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
Quant Title : GC Extractables  
QLast Update : Mon Dec 02 14:17:35 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

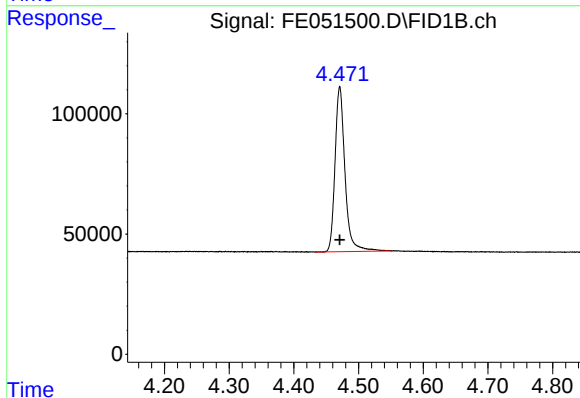




#1 n-Nonane (C9)

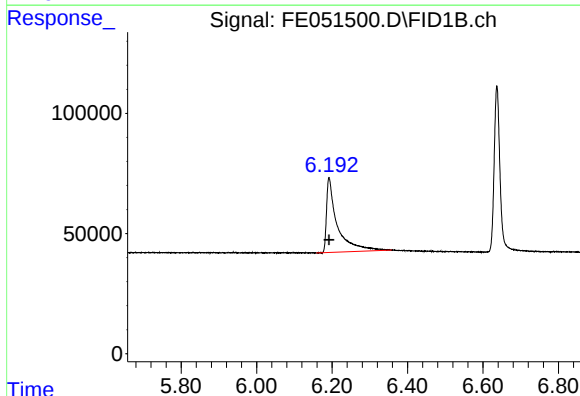
R.T.: 3.224 min  
Delta R.T.: 0.000 min  
Response: 729740  
Conc: 5.21 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



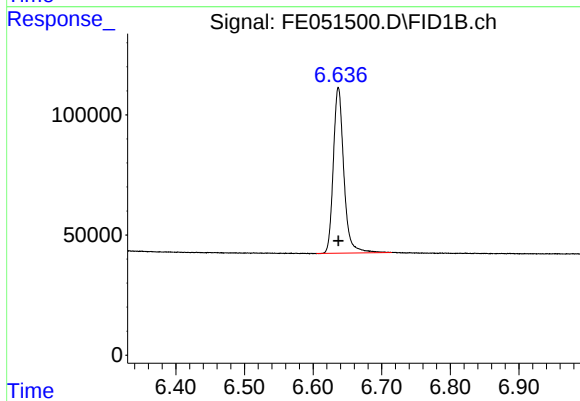
#2 n-Decane (C10)

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 732937  
Conc: 5.17 ug/ml



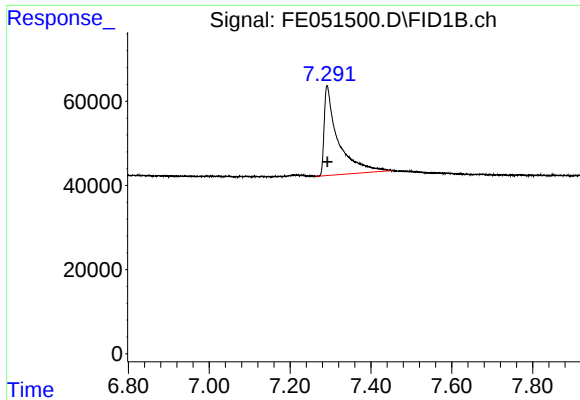
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 615637  
Conc: 4.66 ug/ml



#4 n-Dodecane (C12)

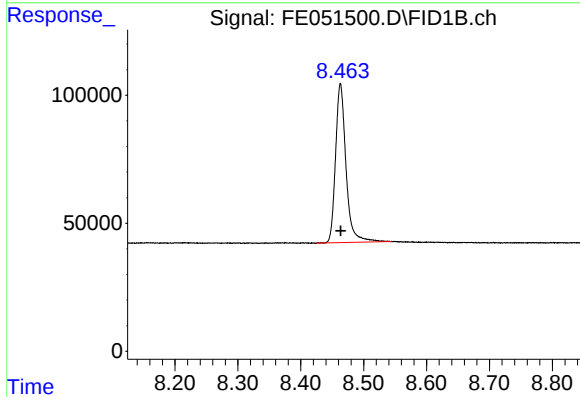
R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 734317  
Conc: 5.16 ug/ml



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

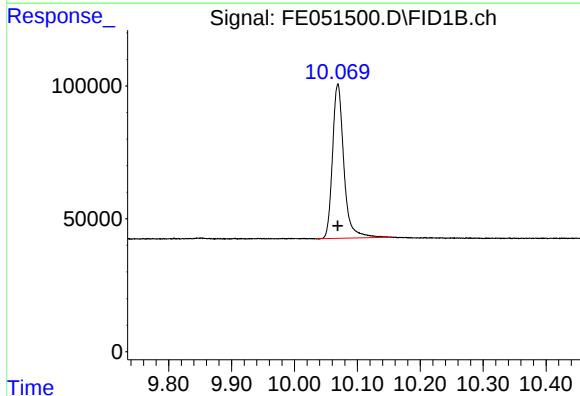
R.T.: 7.292 min  
Delta R.T.: 0.000 min  
Response: 511141  
Conc: 4.26 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



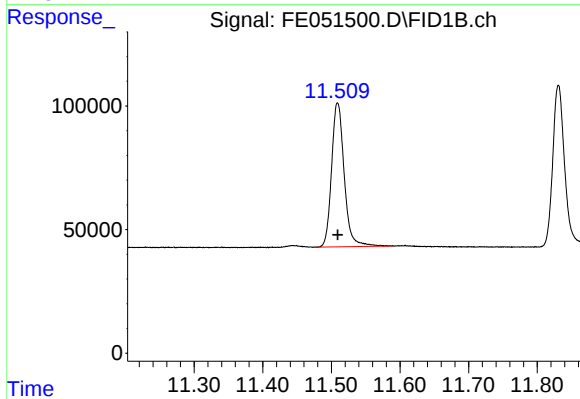
#6 n-Tetradecane (C14)

R.T.: 8.463 min  
Delta R.T.: 0.000 min  
Response: 717940  
Conc: 5.15 ug/ml



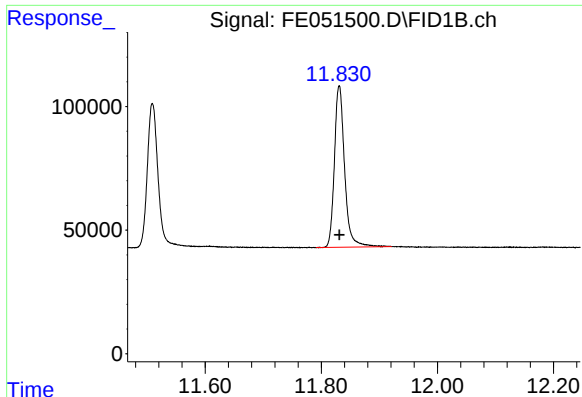
#7 n-Hexadecane (C16)

R.T.: 10.069 min  
Delta R.T.: 0.000 min  
Response: 729200  
Conc: 5.13 ug/ml



#8 n-Octadecane (C18)

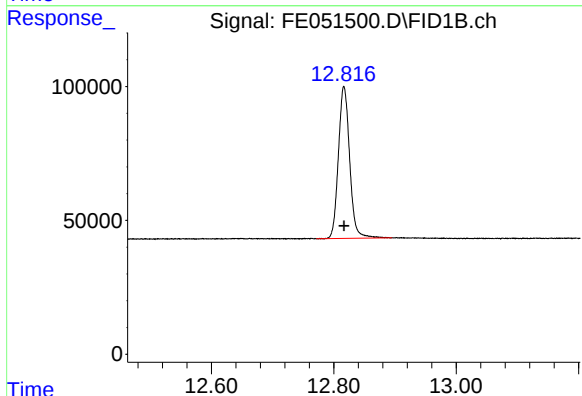
R.T.: 11.509 min  
Delta R.T.: 0.000 min  
Response: 744066  
Conc: 5.18 ug/ml



#9 ortho-Terphenyl (SURR)

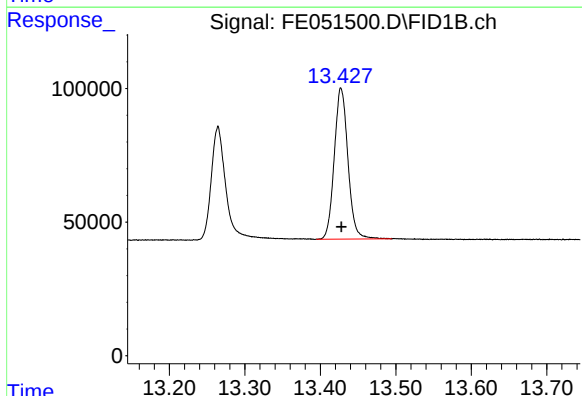
R.T.: 11.831 min  
Delta R.T.: 0.000 min  
Response: 796441  
Conc: 5.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



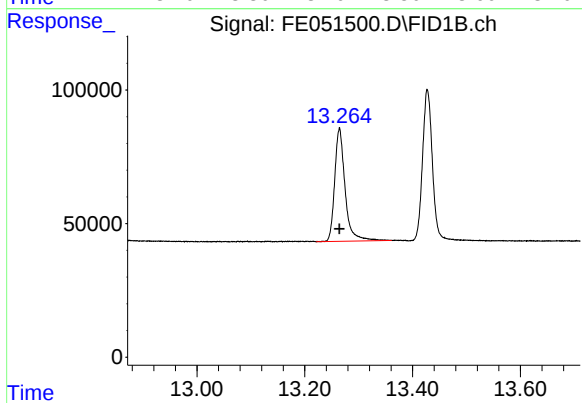
#10 n-Eicosane (C20)

R.T.: 12.817 min  
Delta R.T.: 0.000 min  
Response: 724415  
Conc: 5.25 ug/ml



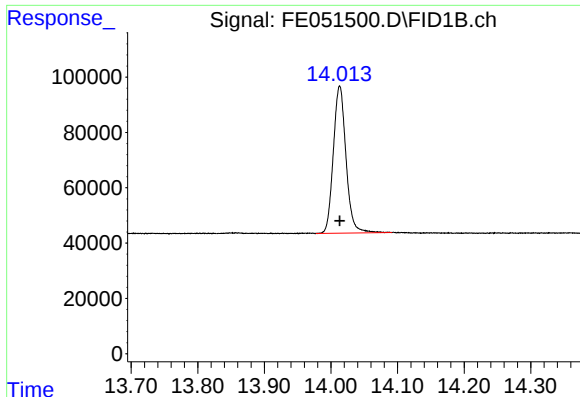
#11 n-Heneicosane (C21)

R.T.: 13.428 min  
Delta R.T.: 0.000 min  
Response: 712123  
Conc: 5.25 ug/ml



#12 1-chlorooctadecane (SURR)

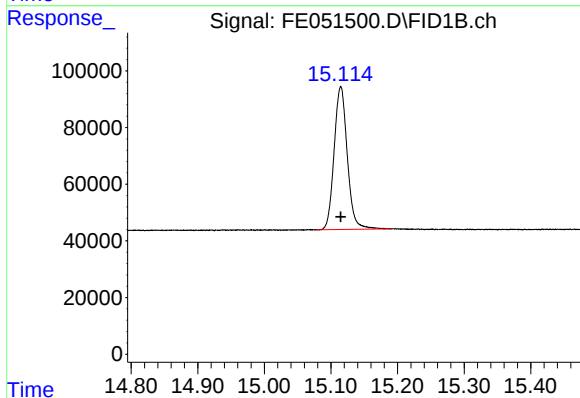
R.T.: 13.264 min  
Delta R.T.: 0.000 min  
Response: 565442  
Conc: 5.06 ug/ml



#13 n-Docosane (C22)

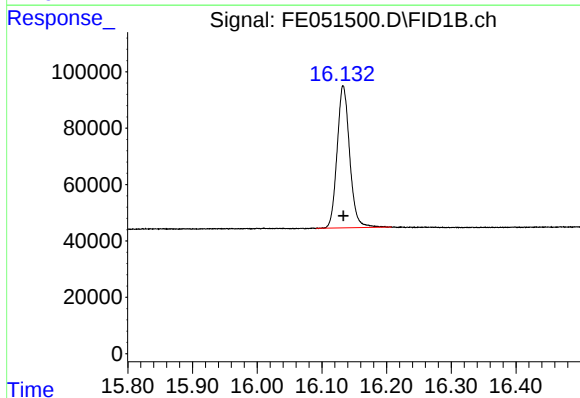
R.T.: 14.013 min  
Delta R.T.: 0.000 min  
Response: 702407  
Conc: 5.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



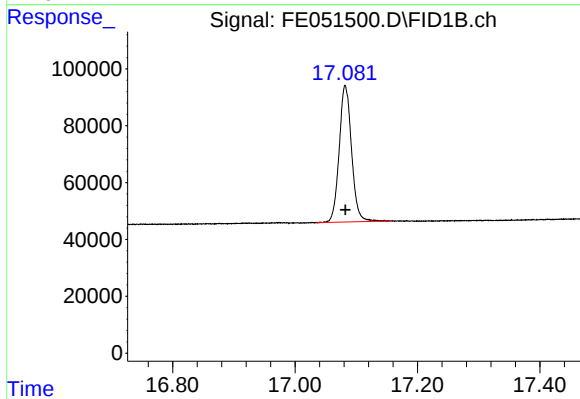
#14 n-Tetracosane (C24)

R.T.: 15.115 min  
Delta R.T.: 0.000 min  
Response: 692576  
Conc: 5.24 ug/ml



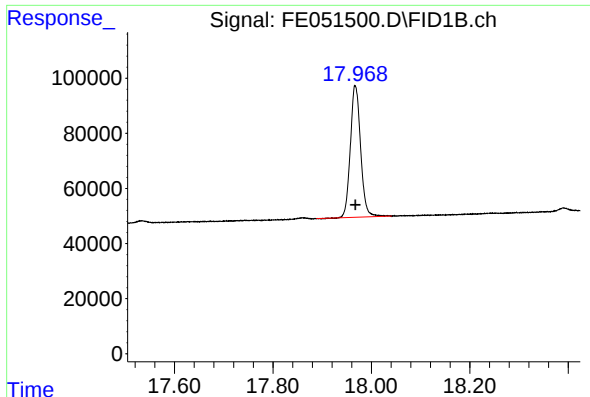
#15 n-Hexacosane (C26)

R.T.: 16.133 min  
Delta R.T.: 0.000 min  
Response: 680138  
Conc: 5.24 ug/ml



#16 n-Octacosane (C28)

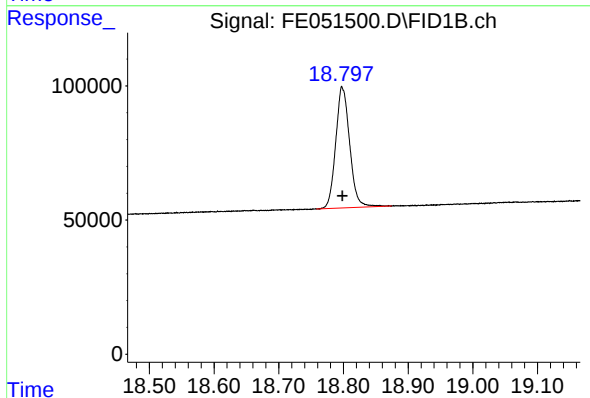
R.T.: 17.082 min  
Delta R.T.: 0.000 min  
Response: 672364  
Conc: 5.27 ug/ml



#17 n-Tricontane (C30)

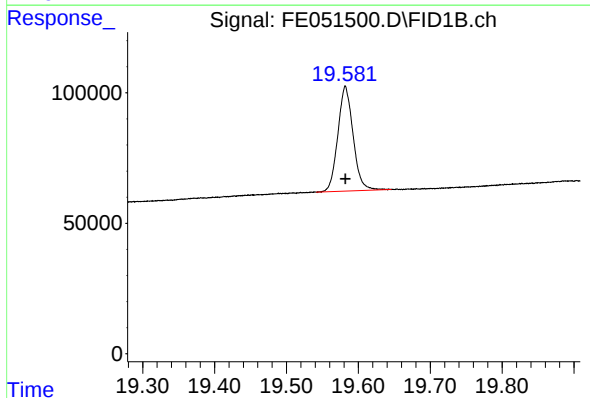
R.T.: 17.968 min  
Delta R.T.: 0.000 min  
Response: 688818  
Conc: 5.32 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



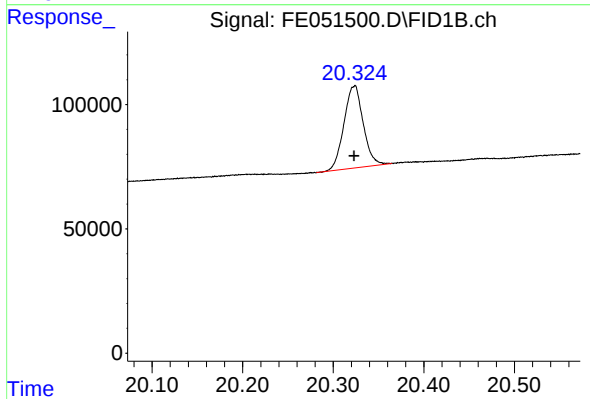
#18 n-Dotriacontane (C32)

R.T.: 18.799 min  
Delta R.T.: 0.000 min  
Response: 675411  
Conc: 5.40 ug/ml



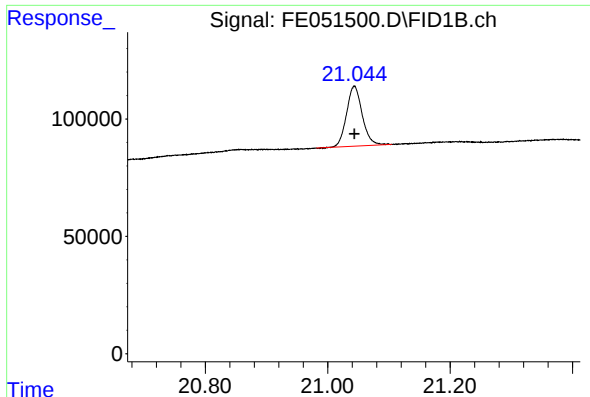
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min  
Delta R.T.: 0.000 min  
Response: 593684  
Conc: 5.26 ug/ml



#20 n-Hexatriacontane (C36)

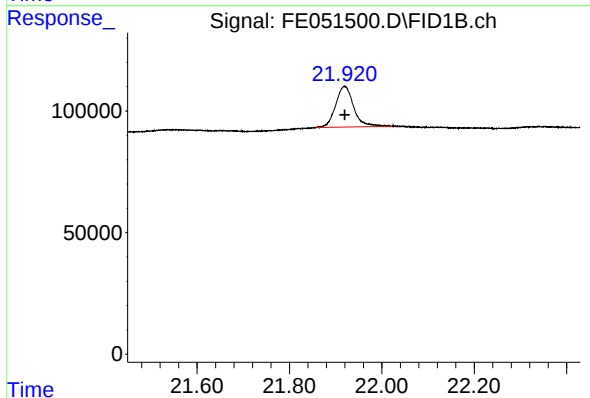
R.T.: 20.323 min  
Delta R.T.: 0.000 min  
Response: 487578  
Conc: 5.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min  
Delta R.T.: 0.000 min  
Response: 455079  
Conc: 5.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.919 min  
Delta R.T.: 0.000 min  
Response: 455687  
Conc: 5.20 ug/ml