

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120924AL\  
 Data File : FE051581.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Dec 2024 09:04  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 10 02:10:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 02 14:18:35 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)    | 11.825 | 3351442    | 22.178 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.36%       |
| 12) S 1-chlorooctadecane (S... | 13.258 | 2461505    | 22.026 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.217  | 3077697    | 21.960 ug/ml |
| 2) T n-Decane (C10)            | 4.465  | 3149863    | 22.212 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.178  | 2925229    | 22.128 ug/ml |
| 4) T n-Dodecane (C12)          | 6.631  | 3186474    | 22.386 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.275  | 2672859    | 22.280 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.457  | 3130675    | 22.458 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.062 | 3172958    | 22.332 ug/ml |
| 8) T n-Octadecane (C18)        | 11.503 | 3198615    | 22.257 ug/ml |
| 10) T n-Eicosane (C20)         | 12.810 | 3063278    | 22.191 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.421 | 3004333    | 22.164 ug/ml |
| 13) T n-Docosane (C22)         | 14.007 | 2974655    | 22.215 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.107 | 2946065    | 22.296 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.126 | 2910080    | 22.441 ug/ml |
| 16) T n-Octacosane (C28)       | 17.075 | 2888688    | 22.657 ug/ml |
| 17) T n-Tricontane (C30)       | 17.962 | 2948247    | 22.770 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.793 | 2876123    | 22.974 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.575 | 2523243    | 22.341 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.316 | 2113455    | 21.945 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.034 | 1959889    | 21.526 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.907 | 1919647    | 21.905 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

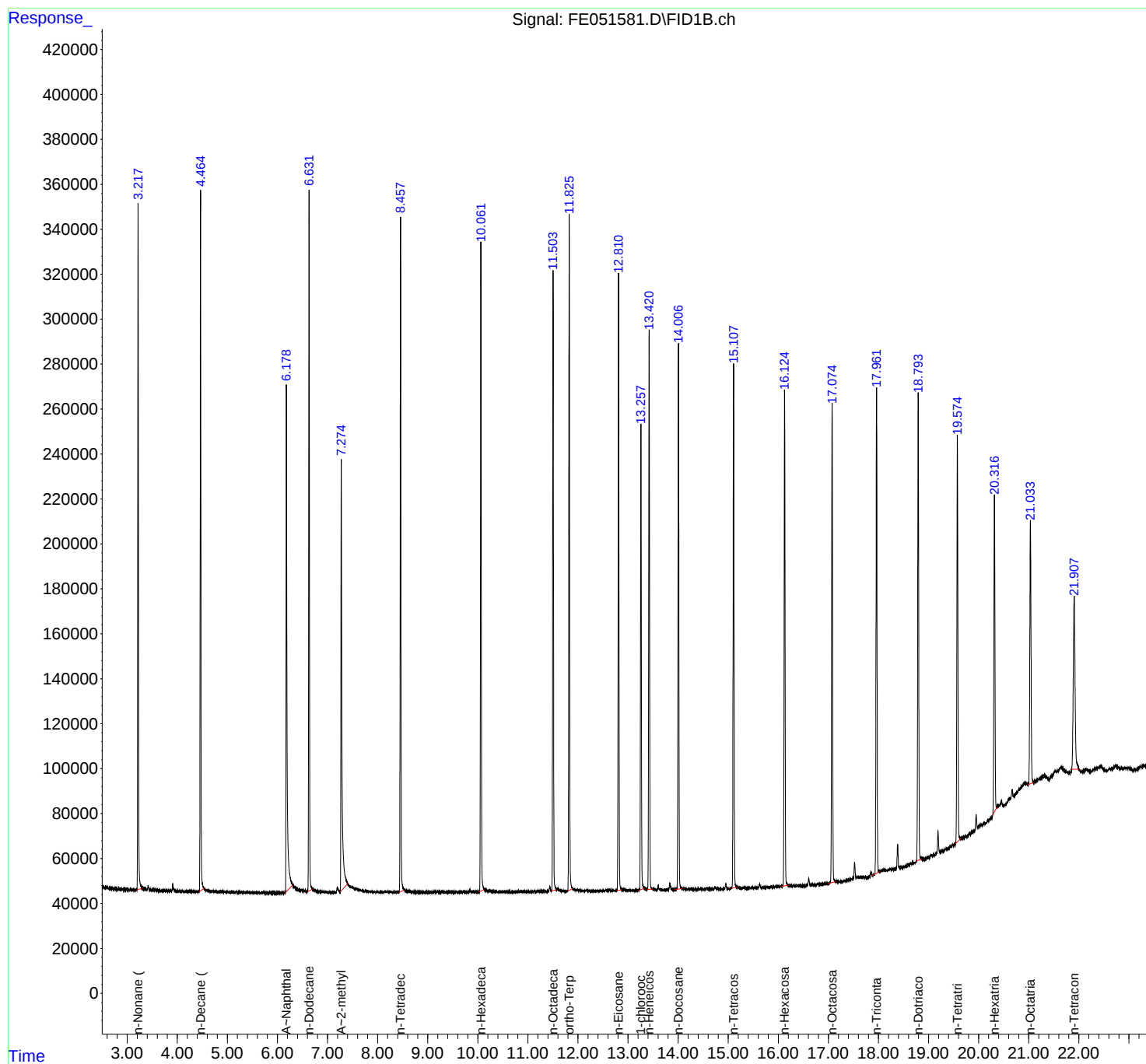
(m)=manual int.

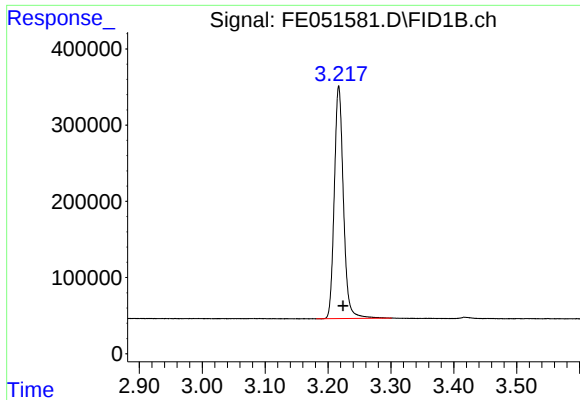
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120924AL\  
Data File : FE051581.D  
Signal(s) : FID1B.ch  
Acq On : 09 Dec 2024 09:04  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Dec 10 02:10:53 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
Quant Title : GC Extractables  
QLast Update : Mon Dec 02 14:18:35 2024  
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Volume Inj. : 1 ul  
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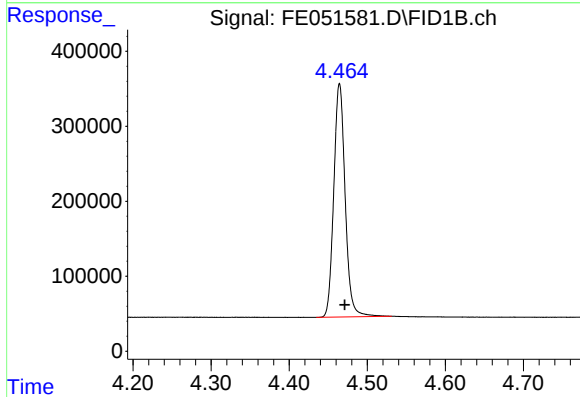




#1 n-Nonane (C9)

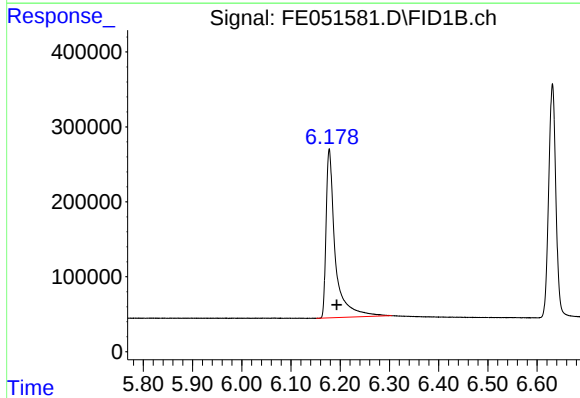
R.T.: 3.217 min  
Delta R.T.: -0.007 min  
Response: 3077697  
Conc: 21.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



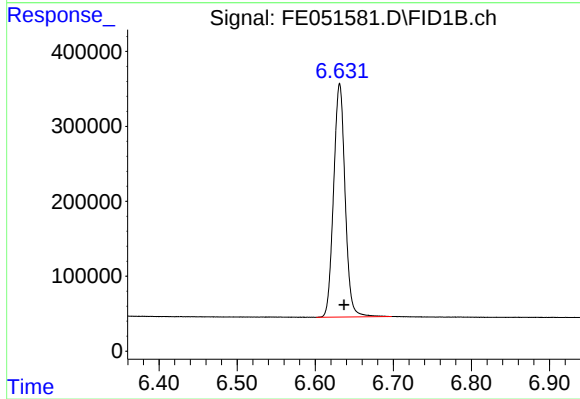
#2 n-Decane (C10)

R.T.: 4.465 min  
Delta R.T.: -0.007 min  
Response: 3149863  
Conc: 22.21 ug/ml



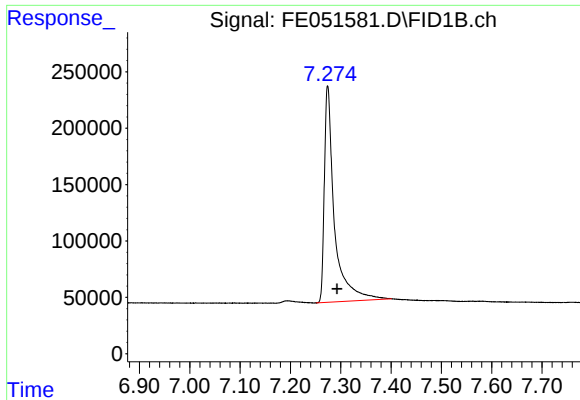
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min  
Delta R.T.: -0.014 min  
Response: 2925229  
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

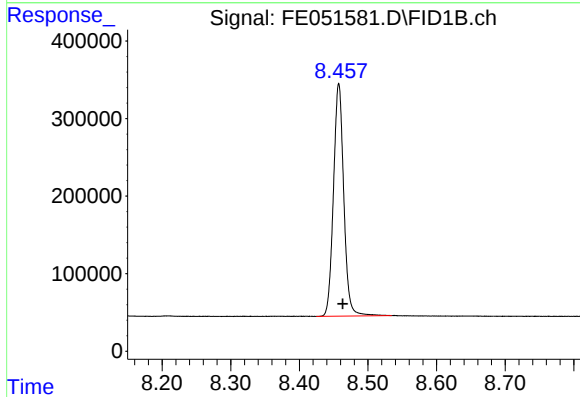
R.T.: 6.631 min  
Delta R.T.: -0.006 min  
Response: 3186474  
Conc: 22.39 ug/ml



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

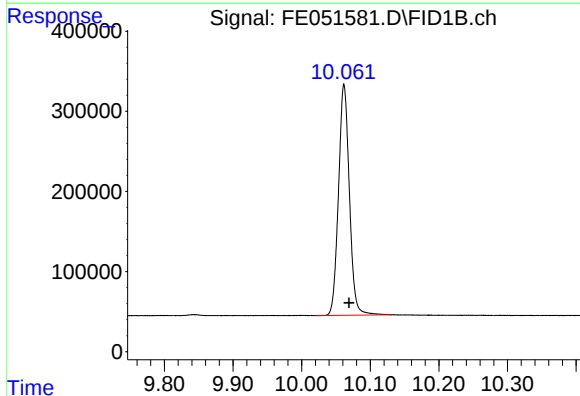
R.T.: 7.275 min  
Delta R.T.: -0.018 min  
Response: 2672859  
Conc: 22.28 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



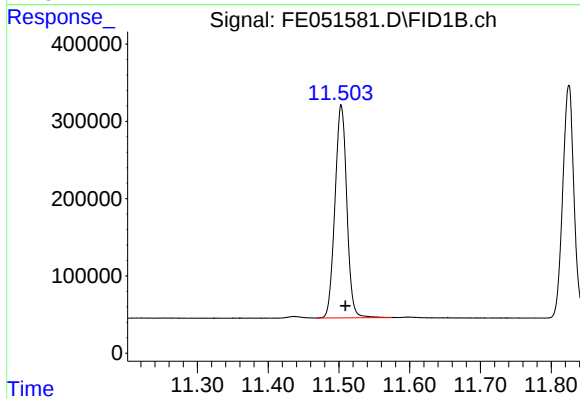
#6 n-Tetradecane (C14)

R.T.: 8.457 min  
Delta R.T.: -0.006 min  
Response: 3130675  
Conc: 22.46 ug/ml



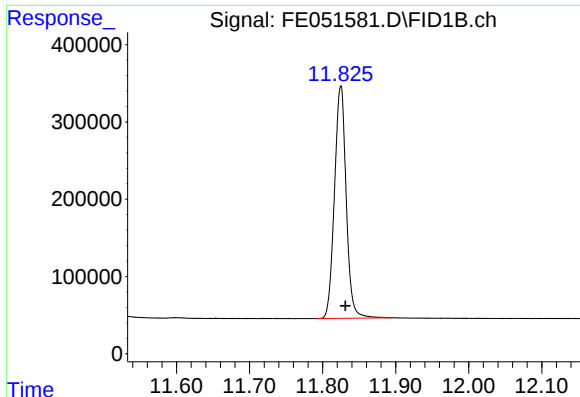
#7 n-Hexadecane (C16)

R.T.: 10.062 min  
Delta R.T.: -0.007 min  
Response: 3172958  
Conc: 22.33 ug/ml



#8 n-Octadecane (C18)

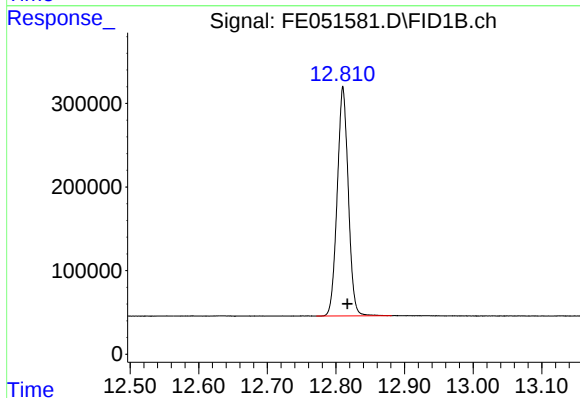
R.T.: 11.503 min  
Delta R.T.: -0.006 min  
Response: 3198615  
Conc: 22.26 ug/ml



#9 ortho-Terphenyl (SURR)

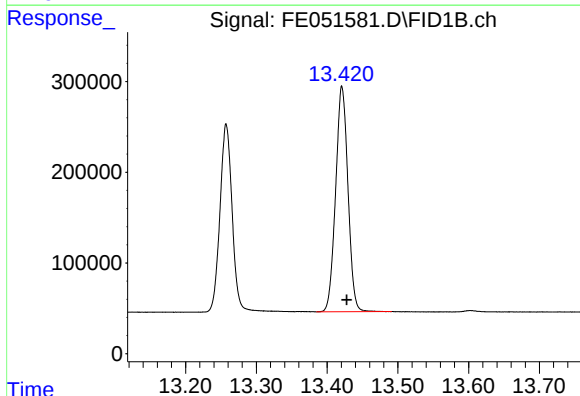
R.T.: 11.825 min  
Delta R.T.: -0.006 min  
Response: 3351442  
Conc: 22.18 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



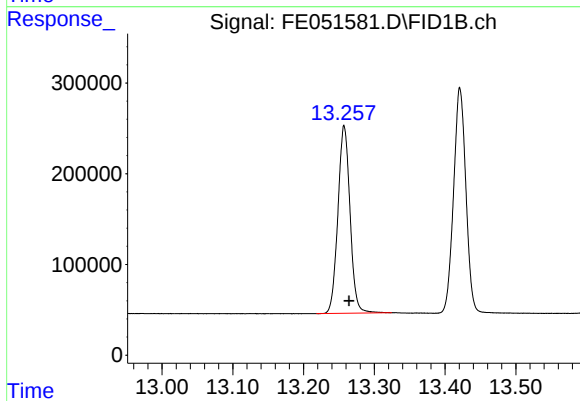
#10 n-Eicosane (C20)

R.T.: 12.810 min  
Delta R.T.: -0.006 min  
Response: 3063278  
Conc: 22.19 ug/ml



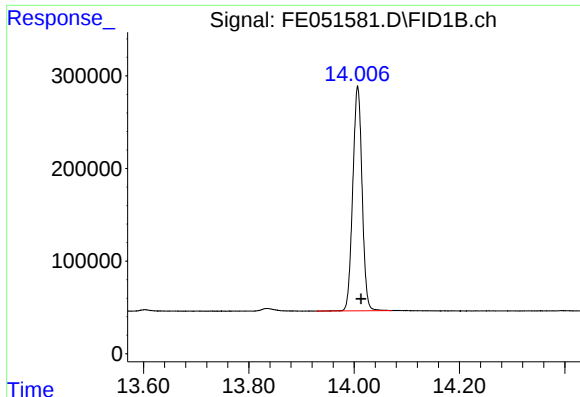
#11 n-Heneicosane (C21)

R.T.: 13.421 min  
Delta R.T.: -0.007 min  
Response: 3004333  
Conc: 22.16 ug/ml



#12 1-chlorooctadecane (SURR)

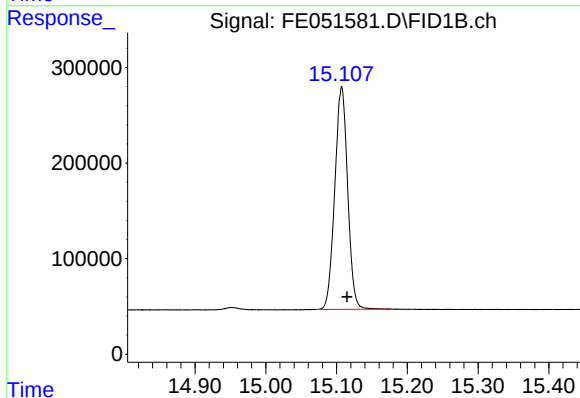
R.T.: 13.258 min  
Delta R.T.: -0.007 min  
Response: 2461505  
Conc: 22.03 ug/ml



#13 n-Docosane (C22)

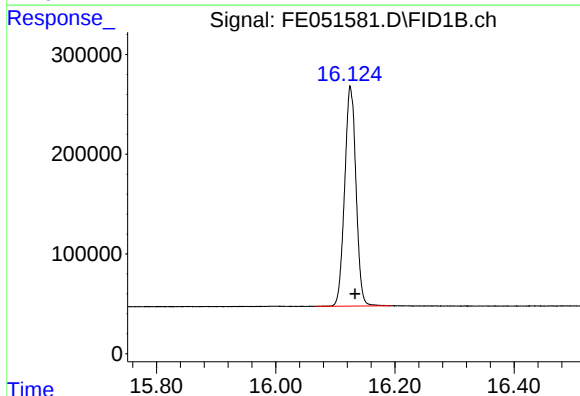
R.T.: 14.007 min  
Delta R.T.: -0.006 min  
Response: 2974655  
Conc: 22.22 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



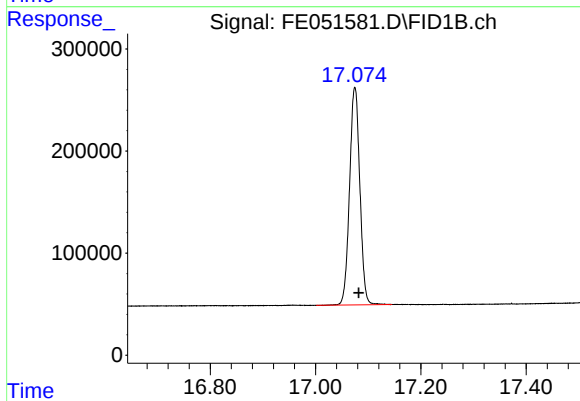
#14 n-Tetracosane (C24)

R.T.: 15.107 min  
Delta R.T.: -0.008 min  
Response: 2946065  
Conc: 22.30 ug/ml



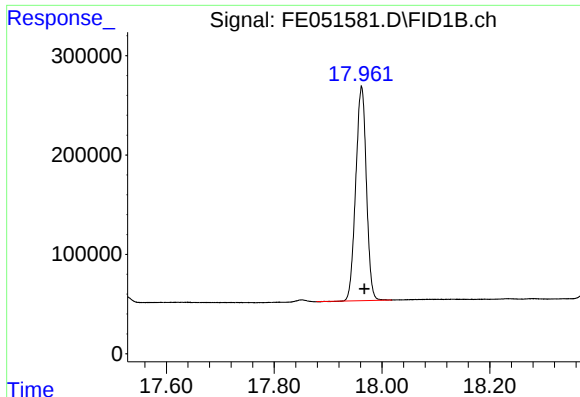
#15 n-Hexacosane (C26)

R.T.: 16.126 min  
Delta R.T.: -0.008 min  
Response: 2910080  
Conc: 22.44 ug/ml



#16 n-Octacosane (C28)

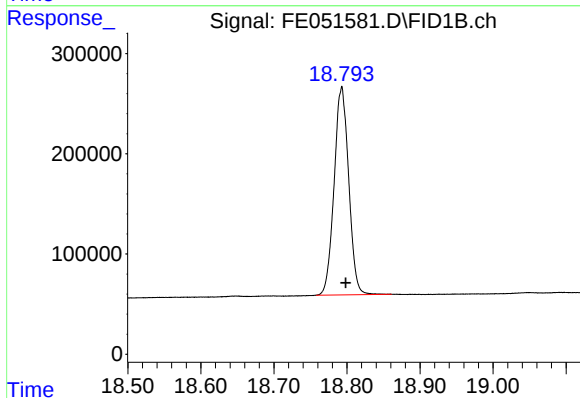
R.T.: 17.075 min  
Delta R.T.: -0.008 min  
Response: 2888688  
Conc: 22.66 ug/ml



#17 n-Tricontane (C30)

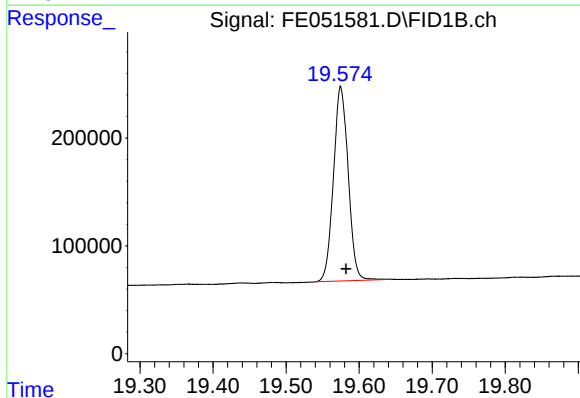
R.T.: 17.962 min  
Delta R.T.: -0.006 min  
Response: 2948247  
Conc: 22.77 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



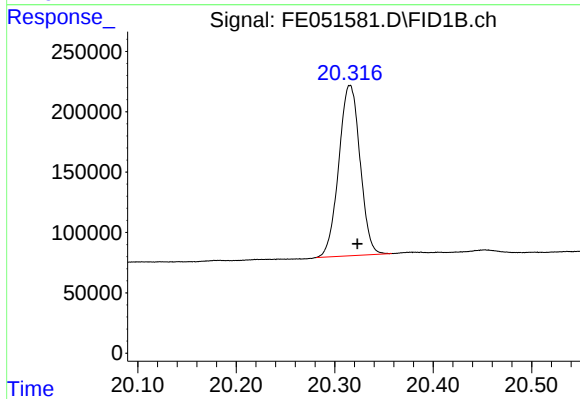
#18 n-Dotriacontane (C32)

R.T.: 18.793 min  
Delta R.T.: -0.006 min  
Response: 2876123  
Conc: 22.97 ug/ml



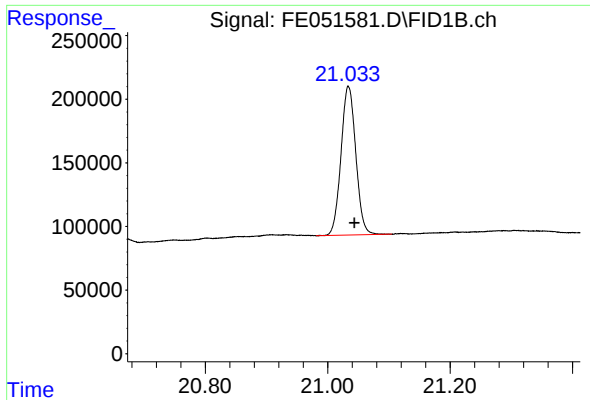
#19 n-Tetratriacontane (C34)

R.T.: 19.575 min  
Delta R.T.: -0.007 min  
Response: 2523243  
Conc: 22.34 ug/ml



#20 n-Hexatriacontane (C36)

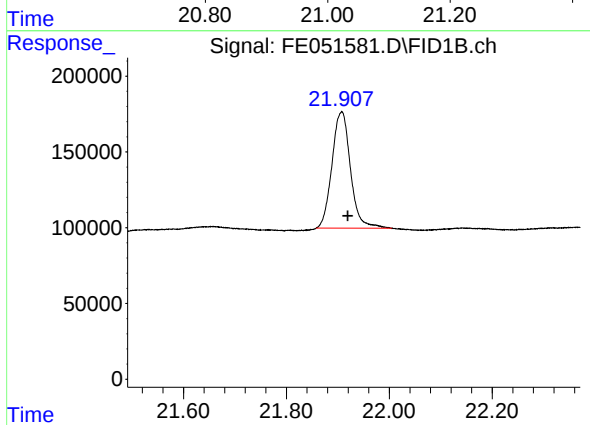
R.T.: 20.316 min  
Delta R.T.: -0.008 min  
Response: 2113455  
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.034 min  
Delta R.T.: -0.009 min  
Response: 1959889  
Conc: 21.53 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.907 min  
Delta R.T.: -0.012 min  
Response: 1919647  
Conc: 21.90 ug/ml