

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092923AL\  
 Data File : FE044535.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Sep 2023 00:20  
 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: Sep 30 00:56:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 25 11:06:21 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)    | 11.921 | 3711024    | 19.767 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.53%       |
| 12) S 1-chlorooctadecane (S... | 13.361 | 2716280    | 19.966 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.93%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.308  | 3157183    | 19.447 ug/ml |
| 2) T n-Decane (C10)            | 4.559  | 3235809    | 19.541 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.260  | 3534926    | 19.772 ug/ml |
| 4) T n-Dodecane (C12)          | 6.723  | 3263667    | 19.621 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.355  | 3383651    | 19.777 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.550  | 3239917    | 19.735 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.159 | 3352014    | 19.787 ug/ml |
| 8) T n-Octadecane (C18)        | 11.605 | 3364695    | 19.817 ug/ml |
| 10) T n-Eicosane (C20)         | 12.915 | 3186352    | 19.805 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.528 | 3090377    | 19.736 ug/ml |
| 13) T n-Docosane (C22)         | 14.115 | 3049770    | 19.774 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.219 | 2975508    | 19.684 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.241 | 2909212    | 19.778 ug/ml |
| 16) T n-Octacosane (C28)       | 17.192 | 2920236    | 20.361 ug/ml |
| 17) T n-Tricontane (C30)       | 18.081 | 3183333    | 21.475 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.915 | 3275832    | 22.129 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.701 | 3169512    | 21.688 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.443 | 3069283    | 21.160 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.186 | 3085512    | 20.599 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.108 | 3183348    | 20.172 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

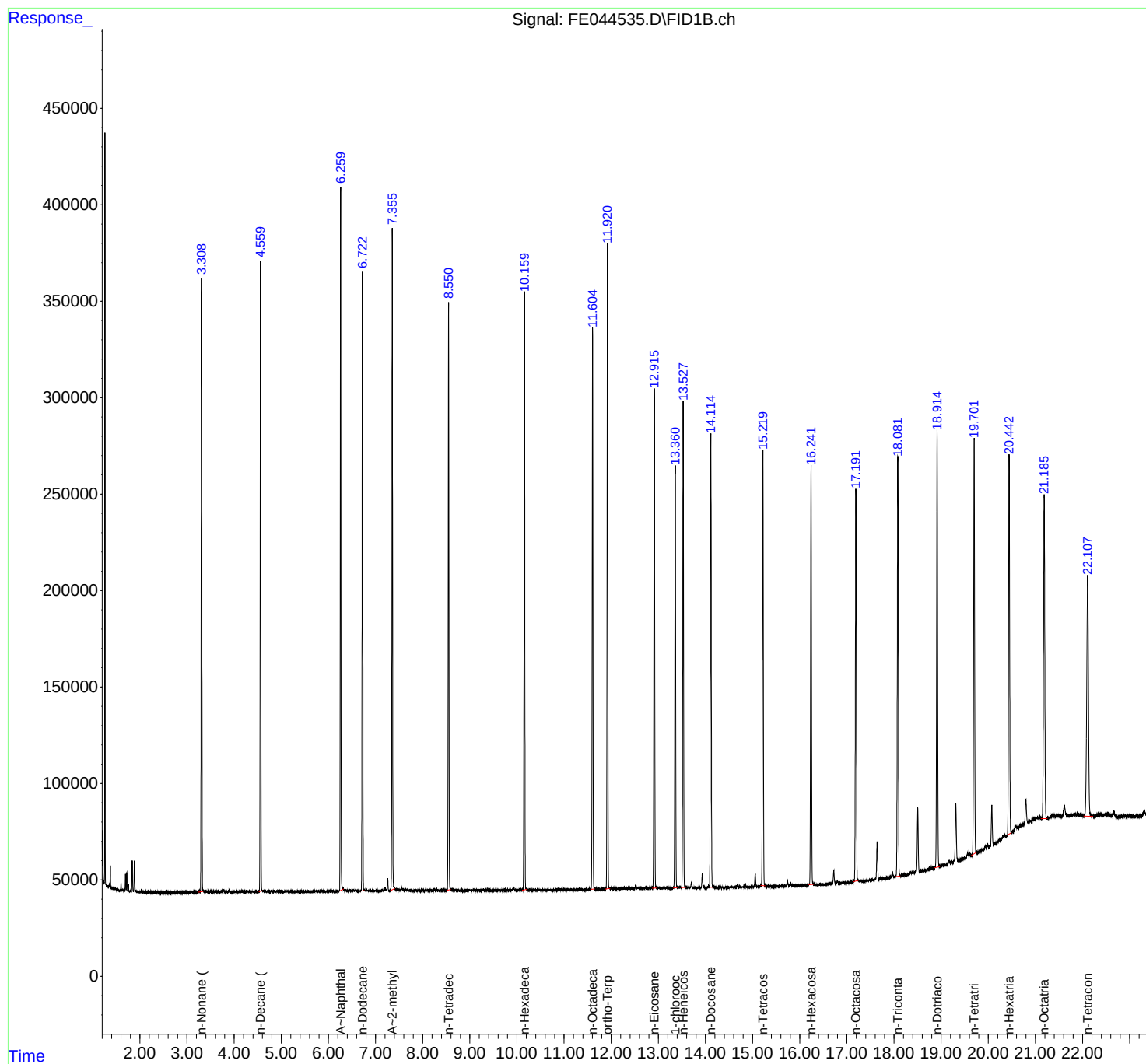
(m)=manual int.

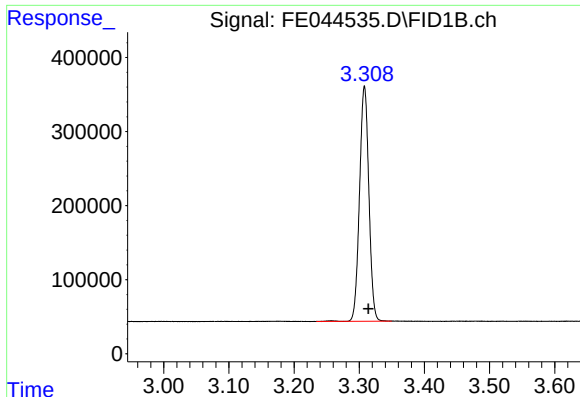
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092923AL\  
Data File : FE044535.D  
Signal(s) : FID1B.ch  
Acq On : 30 Sep 2023 00:20  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Sep 30 00:56:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 25 11:06:21 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

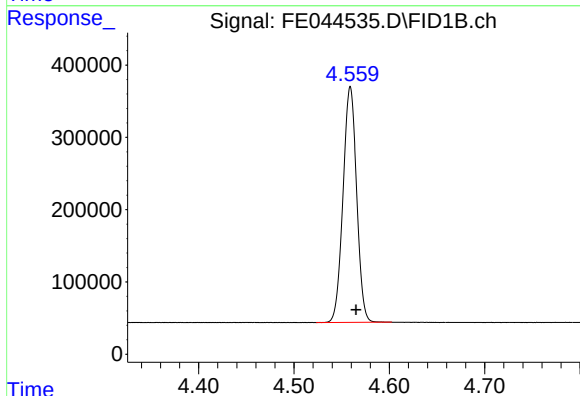




#1 n-Nonane (C9)

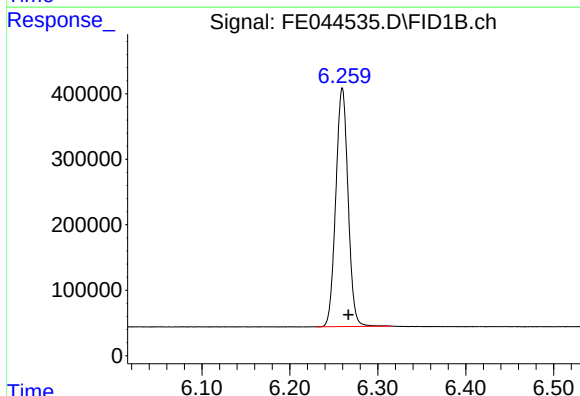
R.T.: 3.308 min  
Delta R.T.: -0.006 min  
Response: 3157183  
Conc: 19.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



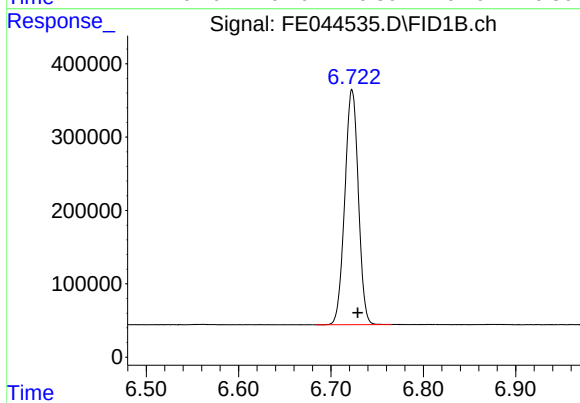
#2 n-Decane (C10)

R.T.: 4.559 min  
Delta R.T.: -0.006 min  
Response: 3235809  
Conc: 19.54 ug/ml



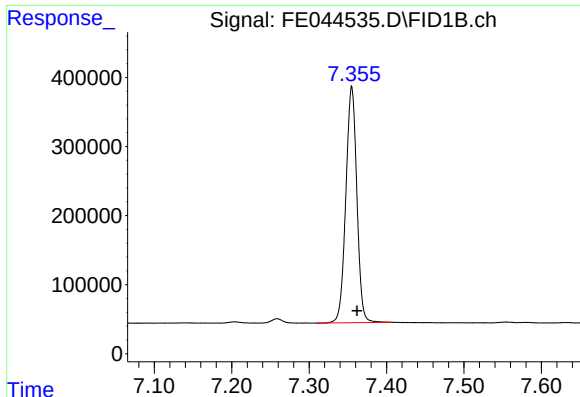
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min  
Delta R.T.: -0.007 min  
Response: 3534926  
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

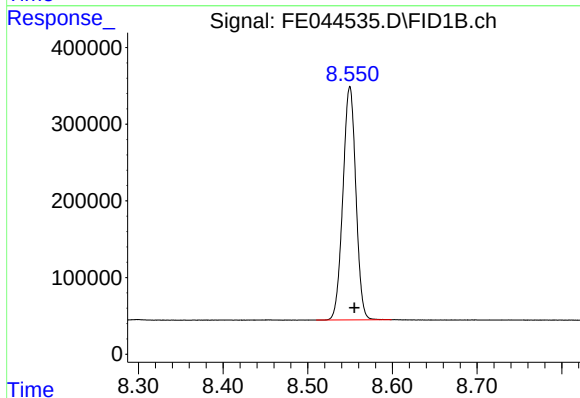
R.T.: 6.723 min  
Delta R.T.: -0.006 min  
Response: 3263667  
Conc: 19.62 ug/ml



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

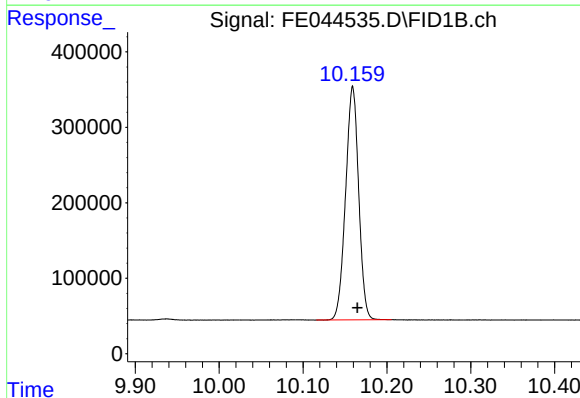
R.T.: 7.355 min  
Delta R.T.: -0.007 min  
Response: 3383651  
Conc: 19.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



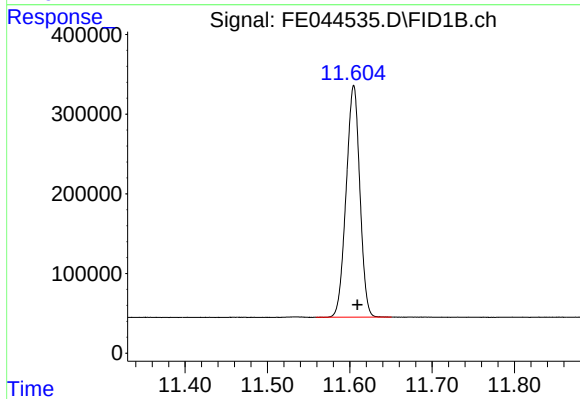
#6 n-Tetradecane (C14)

R.T.: 8.550 min  
Delta R.T.: -0.005 min  
Response: 3239917  
Conc: 19.74 ug/ml



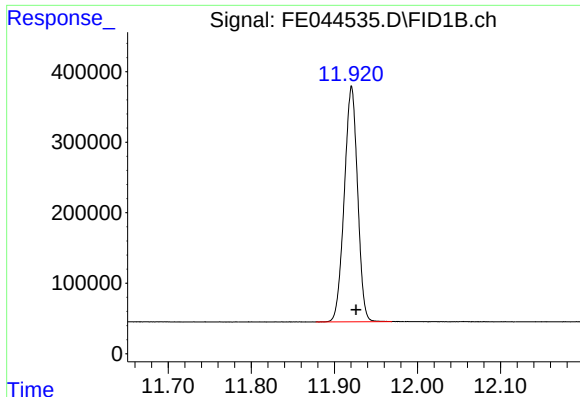
#7 n-Hexadecane (C16)

R.T.: 10.159 min  
Delta R.T.: -0.005 min  
Response: 3352014  
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

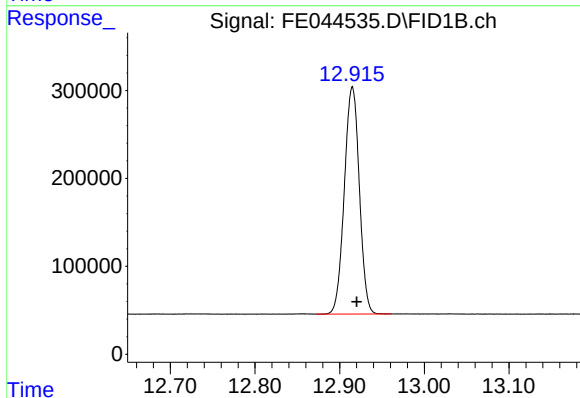
R.T.: 11.605 min  
Delta R.T.: -0.005 min  
Response: 3364695  
Conc: 19.82 ug/ml



#9 ortho-Terphenyl (SURR)

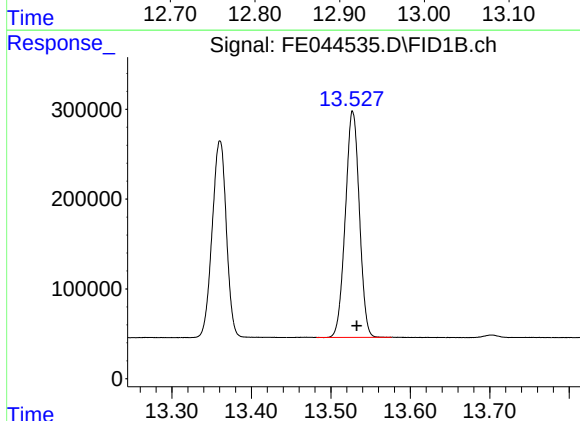
R.T.: 11.921 min  
Delta R.T.: -0.006 min  
Response: 3711024  
Conc: 19.77 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



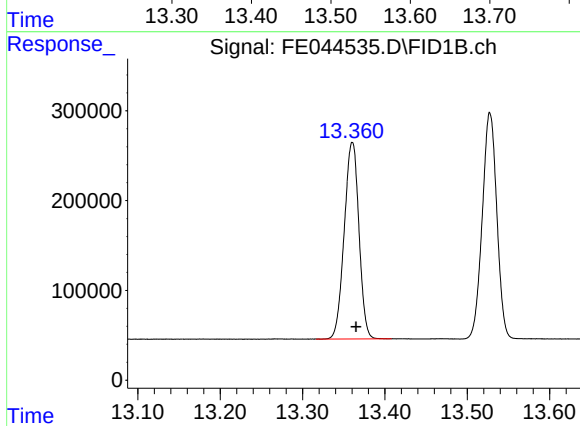
#10 n-Eicosane (C20)

R.T.: 12.915 min  
Delta R.T.: -0.005 min  
Response: 3186352  
Conc: 19.80 ug/ml



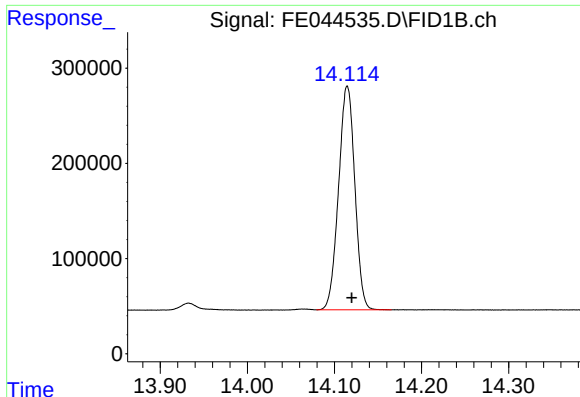
#11 n-Heneicosane (C21)

R.T.: 13.528 min  
Delta R.T.: -0.005 min  
Response: 3090377  
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

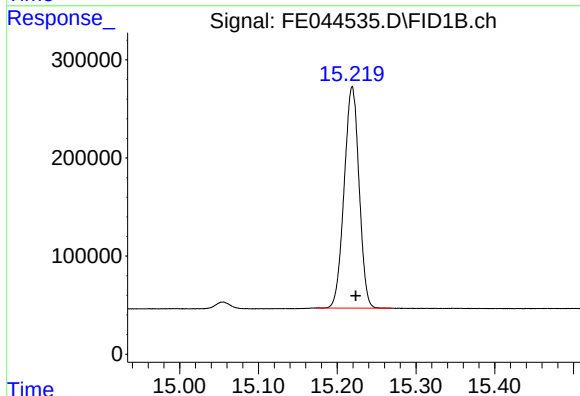
R.T.: 13.361 min  
Delta R.T.: -0.005 min  
Response: 2716280  
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

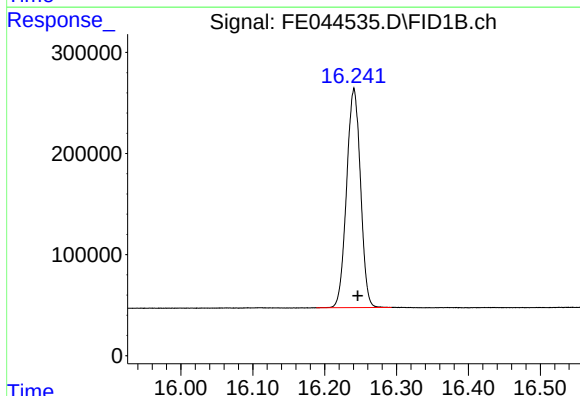
R.T.: 14.115 min  
Delta R.T.: -0.005 min  
Response: 3049770  
Conc: 19.77 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



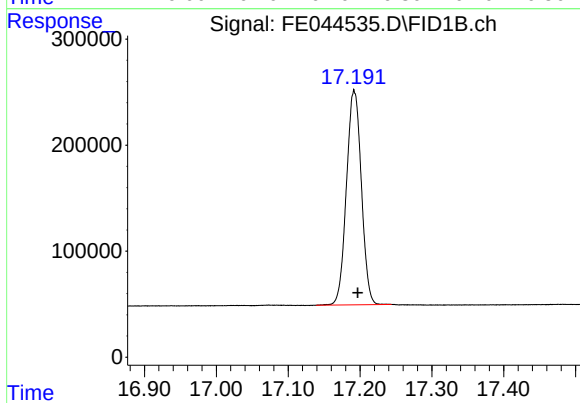
#14 n-Tetracosane (C24)

R.T.: 15.219 min  
Delta R.T.: -0.004 min  
Response: 2975508  
Conc: 19.68 ug/ml



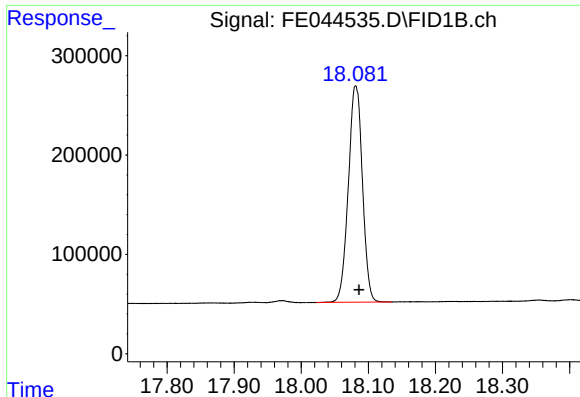
#15 n-Hexacosane (C26)

R.T.: 16.241 min  
Delta R.T.: -0.005 min  
Response: 2909212  
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

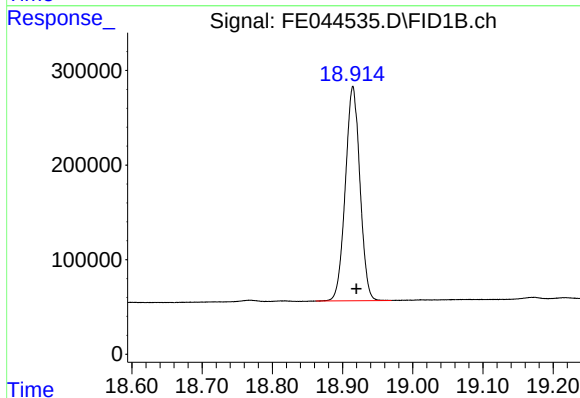
R.T.: 17.192 min  
Delta R.T.: -0.005 min  
Response: 2920236  
Conc: 20.36 ug/ml



#17 n-Tricontane (C30)

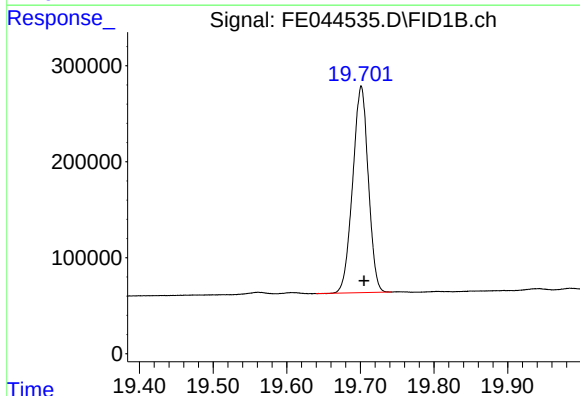
R.T.: 18.081 min  
Delta R.T.: -0.005 min  
Response: 318333  
Conc: 21.48 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



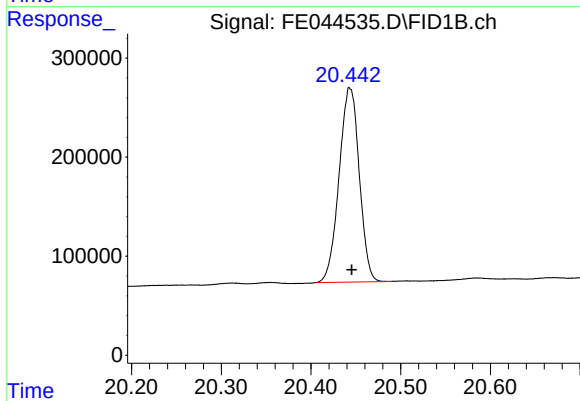
#18 n-Dotriacontane (C32)

R.T.: 18.915 min  
Delta R.T.: -0.005 min  
Response: 3275832  
Conc: 22.13 ug/ml



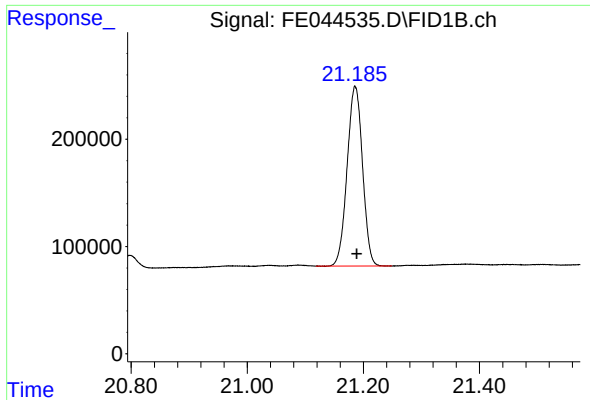
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min  
Delta R.T.: -0.004 min  
Response: 3169512  
Conc: 21.69 ug/ml



#20 n-Hexatriacontane (C36)

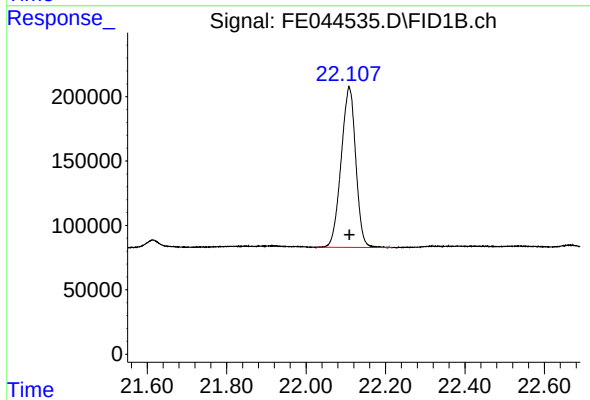
R.T.: 20.443 min  
Delta R.T.: -0.002 min  
Response: 3069283  
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min  
Delta R.T.: -0.002 min  
Response: 3085512  
Conc: 20.60 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.108 min  
Delta R.T.: 0.000 min  
Response: 3183348  
Conc: 20.17 ug/ml