

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072823AL\  
 Data File : FE043627.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Jul 2023 07:39  
 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: Jul 31 02:13:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 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)    | 11.885 | 3973642    | 22.191 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.38%       |
| 12) S 1-chlorooctadecane (S... | 13.322 | 2944812    | 22.412 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.261  | 3307423    | 21.662 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3436666    | 22.045 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 3541446    | 22.008 ug/ml |
| 4) T n-Dodecane (C12)          | 6.686  | 3459818    | 21.957 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.324  | 3352182    | 22.092 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.515  | 3451582    | 21.822 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.123 | 3574096    | 22.085 ug/ml |
| 8) T n-Octadecane (C18)        | 11.566 | 3605161    | 22.115 ug/ml |
| 10) T n-Eicosane (C20)         | 12.875 | 3450282    | 22.207 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.488 | 3367200    | 22.225 ug/ml |
| 13) T n-Docosane (C22)         | 14.074 | 3360574    | 22.486 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.177 | 3294822    | 22.435 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.199 | 3234741    | 22.711 ug/ml |
| 16) T n-Octacosane (C28)       | 17.147 | 3245351    | 23.065 ug/ml |
| 17) T n-Tricontane (C30)       | 18.037 | 3503100    | 23.780 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.870 | 3579382    | 24.156 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.653 | 3451488    | 23.915 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.393 | 3302650    | 22.470 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.130 | 3285338    | 23.031 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.035 | 3466807    | 23.491 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

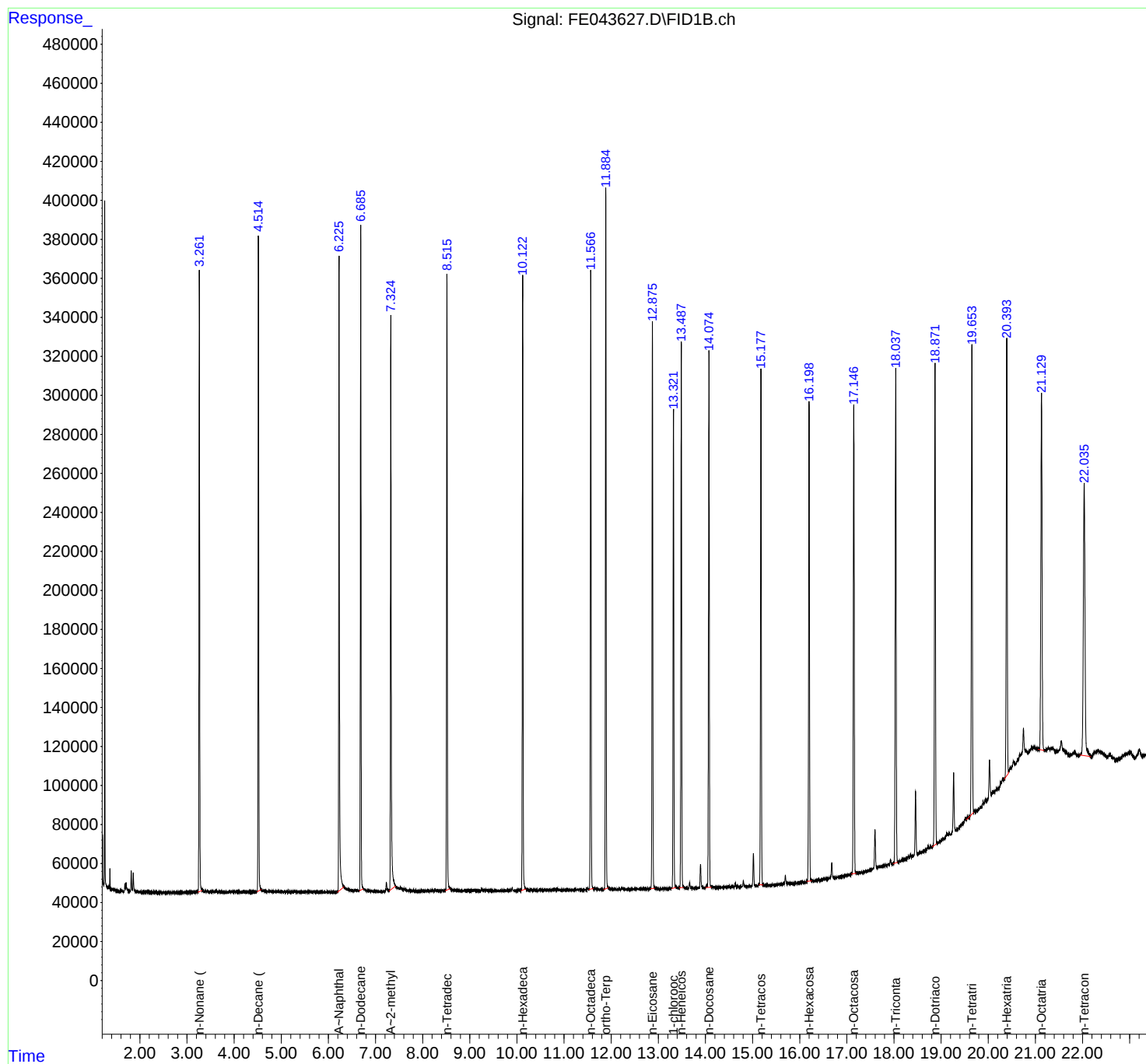
(m)=manual int.

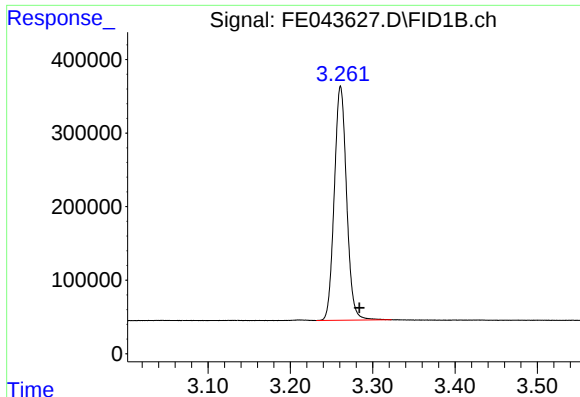
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072823AL\  
Data File : FE043627.D  
Signal(s) : FID1B.ch  
Acq On : 29 Jul 2023 07:39  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Jul 31 02:13:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 13 03:02:53 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

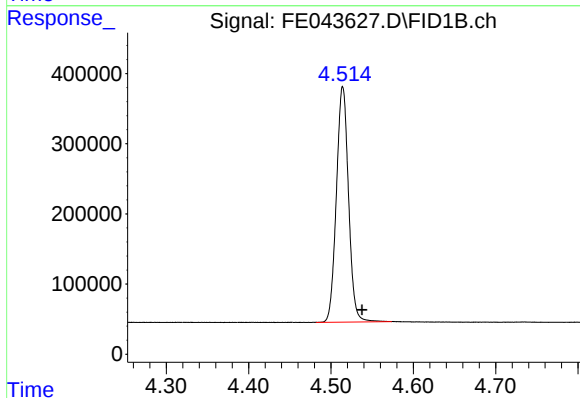




#1 n-Nonane (C9)

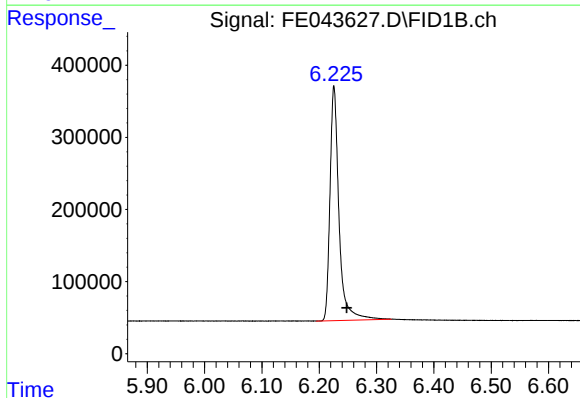
R.T.: 3.261 min  
Delta R.T.: -0.023 min  
Response: 3307423  
Conc: 21.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



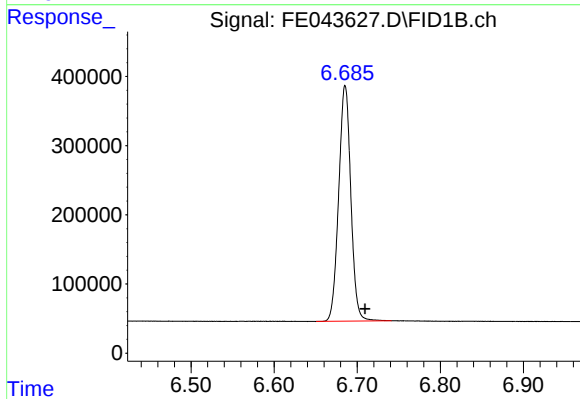
#2 n-Decane (C10)

R.T.: 4.514 min  
Delta R.T.: -0.024 min  
Response: 3436666  
Conc: 22.04 ug/ml



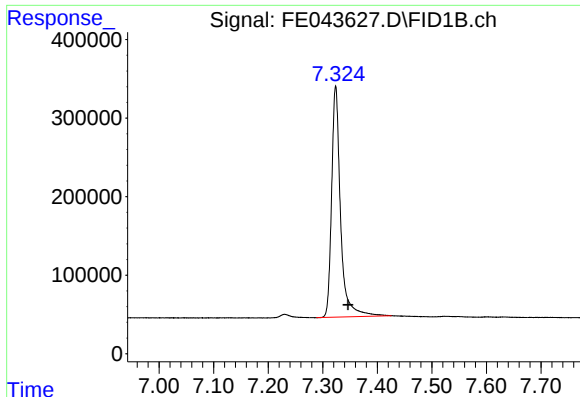
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min  
Delta R.T.: -0.022 min  
Response: 3541446  
Conc: 22.01 ug/ml



#4 n-Dodecane (C12)

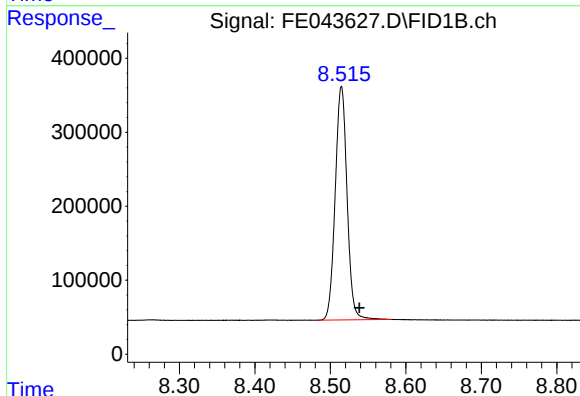
R.T.: 6.686 min  
Delta R.T.: -0.024 min  
Response: 3459818  
Conc: 21.96 ug/ml



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

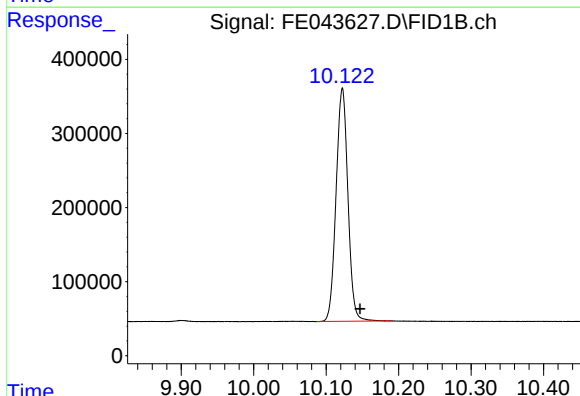
R.T.: 7.324 min  
Delta R.T.: -0.023 min  
Response: 3352182  
Conc: 22.09 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



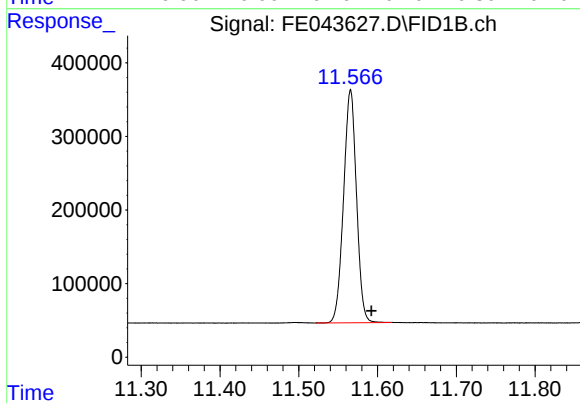
#6 n-Tetradecane (C14)

R.T.: 8.515 min  
Delta R.T.: -0.024 min  
Response: 3451582  
Conc: 21.82 ug/ml



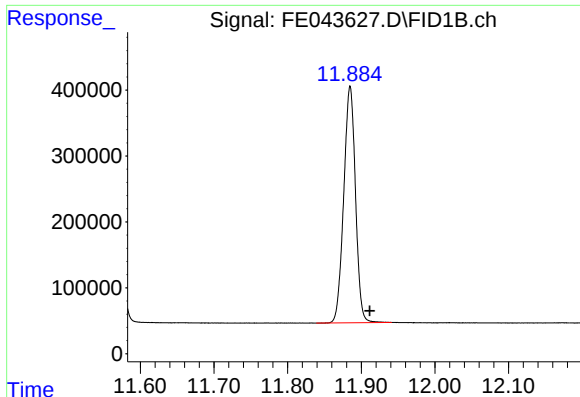
#7 n-Hexadecane (C16)

R.T.: 10.123 min  
Delta R.T.: -0.024 min  
Response: 3574096  
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

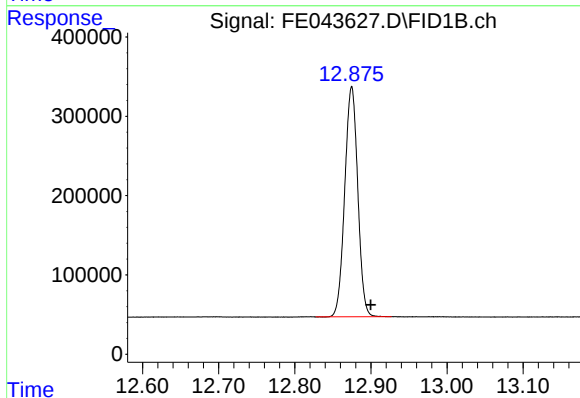
R.T.: 11.566 min  
Delta R.T.: -0.026 min  
Response: 3605161  
Conc: 22.12 ug/ml



#9 ortho-Terphenyl (SURR)

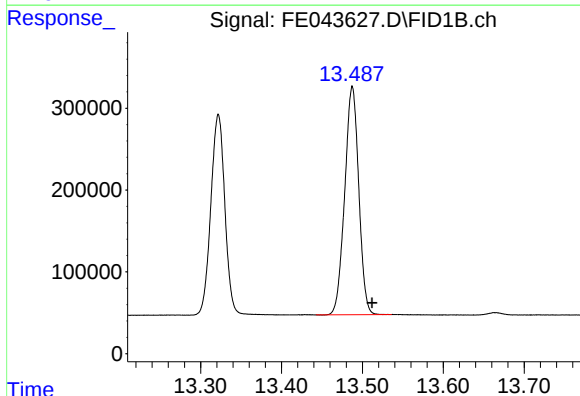
R.T.: 11.885 min  
Delta R.T.: -0.027 min  
Response: 3973642  
Conc: 22.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



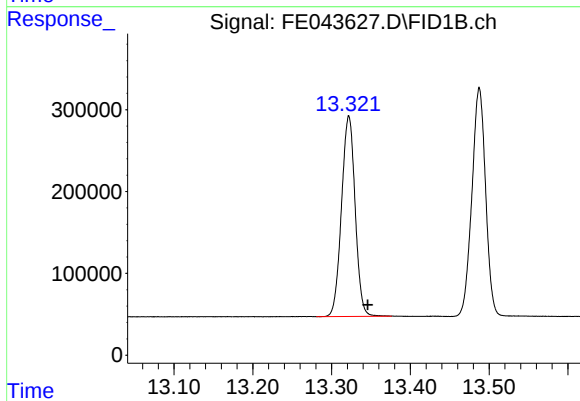
#10 n-Eicosane (C20)

R.T.: 12.875 min  
Delta R.T.: -0.025 min  
Response: 3450282  
Conc: 22.21 ug/ml



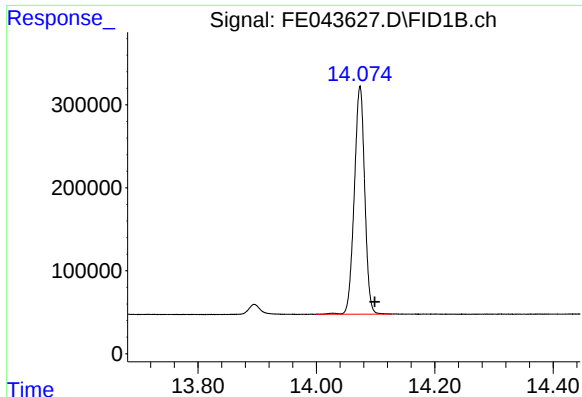
#11 n-Heneicosane (C21)

R.T.: 13.488 min  
Delta R.T.: -0.024 min  
Response: 3367200  
Conc: 22.23 ug/ml



#12 1-chlorooctadecane (SURR)

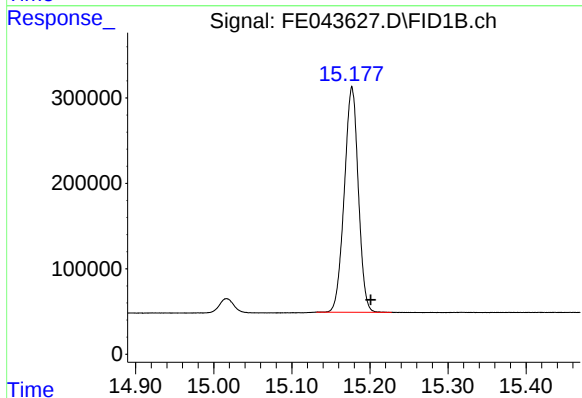
R.T.: 13.322 min  
Delta R.T.: -0.024 min  
Response: 2944812  
Conc: 22.41 ug/ml



#13 n-Docosane (C22)

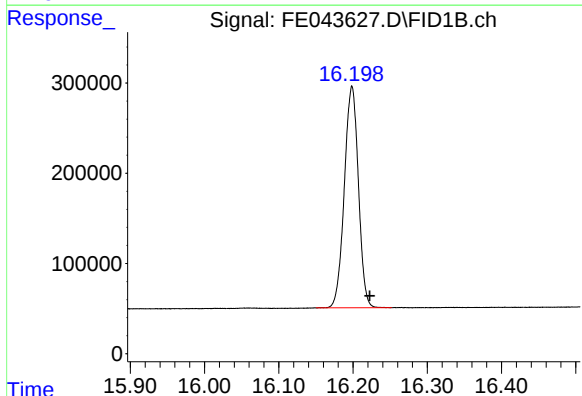
R.T.: 14.074 min  
Delta R.T.: -0.025 min  
Response: 3360574  
Conc: 22.49 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



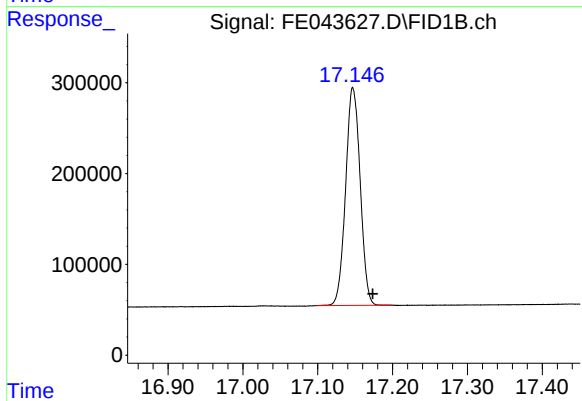
#14 n-Tetracosane (C24)

R.T.: 15.177 min  
Delta R.T.: -0.024 min  
Response: 3294822  
Conc: 22.44 ug/ml



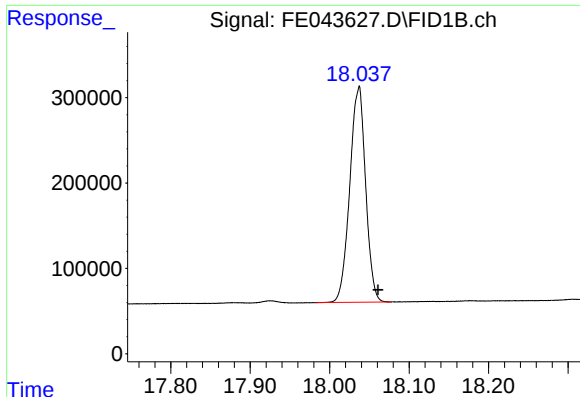
#15 n-Hexacosane (C26)

R.T.: 16.199 min  
Delta R.T.: -0.024 min  
Response: 3234741  
Conc: 22.71 ug/ml



#16 n-Octacosane (C28)

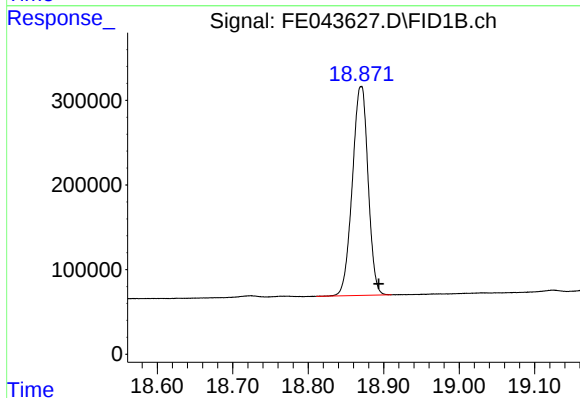
R.T.: 17.147 min  
Delta R.T.: -0.027 min  
Response: 3245351  
Conc: 23.07 ug/ml



#17 n-Tricontane (C30)

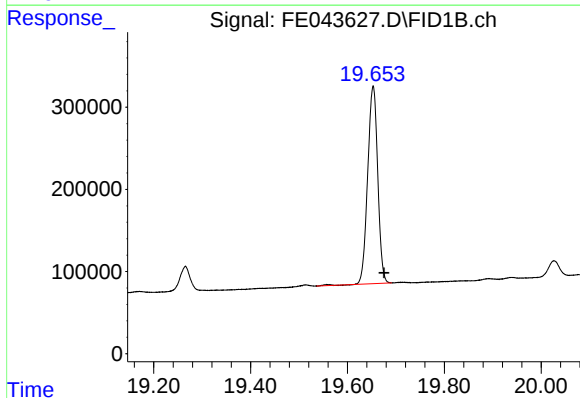
R.T.: 18.037 min  
Delta R.T.: -0.024 min  
Response: 3503100  
Conc: 23.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



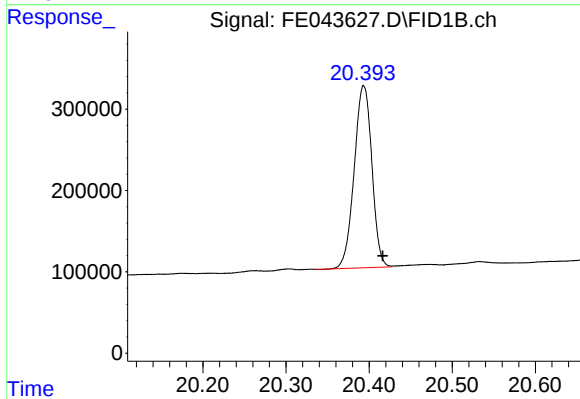
#18 n-Dotriacontane (C32)

R.T.: 18.870 min  
Delta R.T.: -0.023 min  
Response: 3579382  
Conc: 24.16 ug/ml



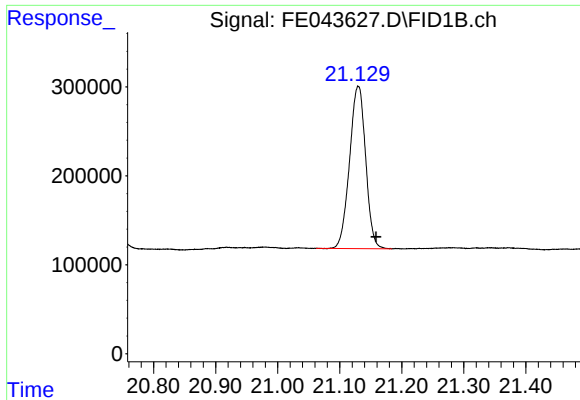
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min  
Delta R.T.: -0.023 min  
Response: 3451488  
Conc: 23.92 ug/ml



#20 n-Hexatriacontane (C36)

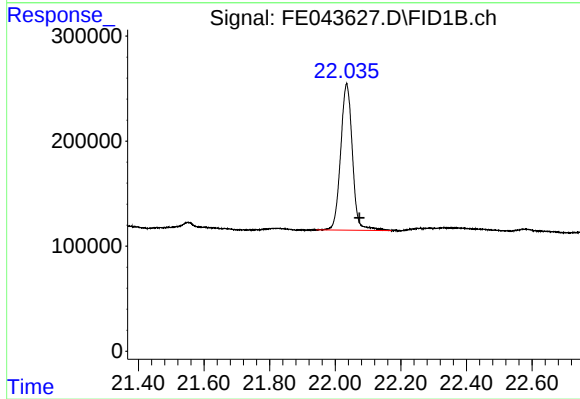
R.T.: 20.393 min  
Delta R.T.: -0.023 min  
Response: 3302650  
Conc: 22.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min  
Delta R.T.: -0.028 min  
Response: 3285338  
Conc: 23.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.035 min  
Delta R.T.: -0.039 min  
Response: 3466807  
Conc: 23.49 ug/ml