

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090524AL\  
 Data File : FE049931.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Sep 2024 11:31  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 06 01:30:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 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)    | 11.877 | 3343603    | 20.676 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.35%       |
| 12) S 1-chlorooctadecane (S... | 13.311 | 2569275    | 21.059 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.12%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.267  | 3174979    | 20.516 ug/ml |
| 2) T n-Decane (C10)            | 4.518  | 3247414    | 20.567 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.225  | 3328844    | 20.746 ug/ml |
| 4) T n-Dodecane (C12)          | 6.684  | 3257421    | 20.720 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.321  | 3130375    | 20.903 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.512  | 3193039    | 20.683 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.117 | 3271444    | 20.946 ug/ml |
| 8) T n-Octadecane (C18)        | 11.558 | 3288504    | 20.939 ug/ml |
| 10) T n-Eicosane (C20)         | 12.866 | 3128702    | 20.955 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.476 | 3064672    | 20.891 ug/ml |
| 13) T n-Docosane (C22)         | 14.063 | 3031201    | 20.797 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.163 | 3069400    | 21.101 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.183 | 3033527    | 21.019 ug/ml |
| 16) T n-Octacosane (C28)       | 17.132 | 3069435    | 21.310 ug/ml |
| 17) T n-Tricontane (C30)       | 18.018 | 3182418    | 21.258 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.849 | 3206501    | 21.195 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.631 | 3230302    | 21.130 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.370 | 3127762    | 20.597 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.096 | 3249582    | 20.704 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.988 | 3188614    | 20.884 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

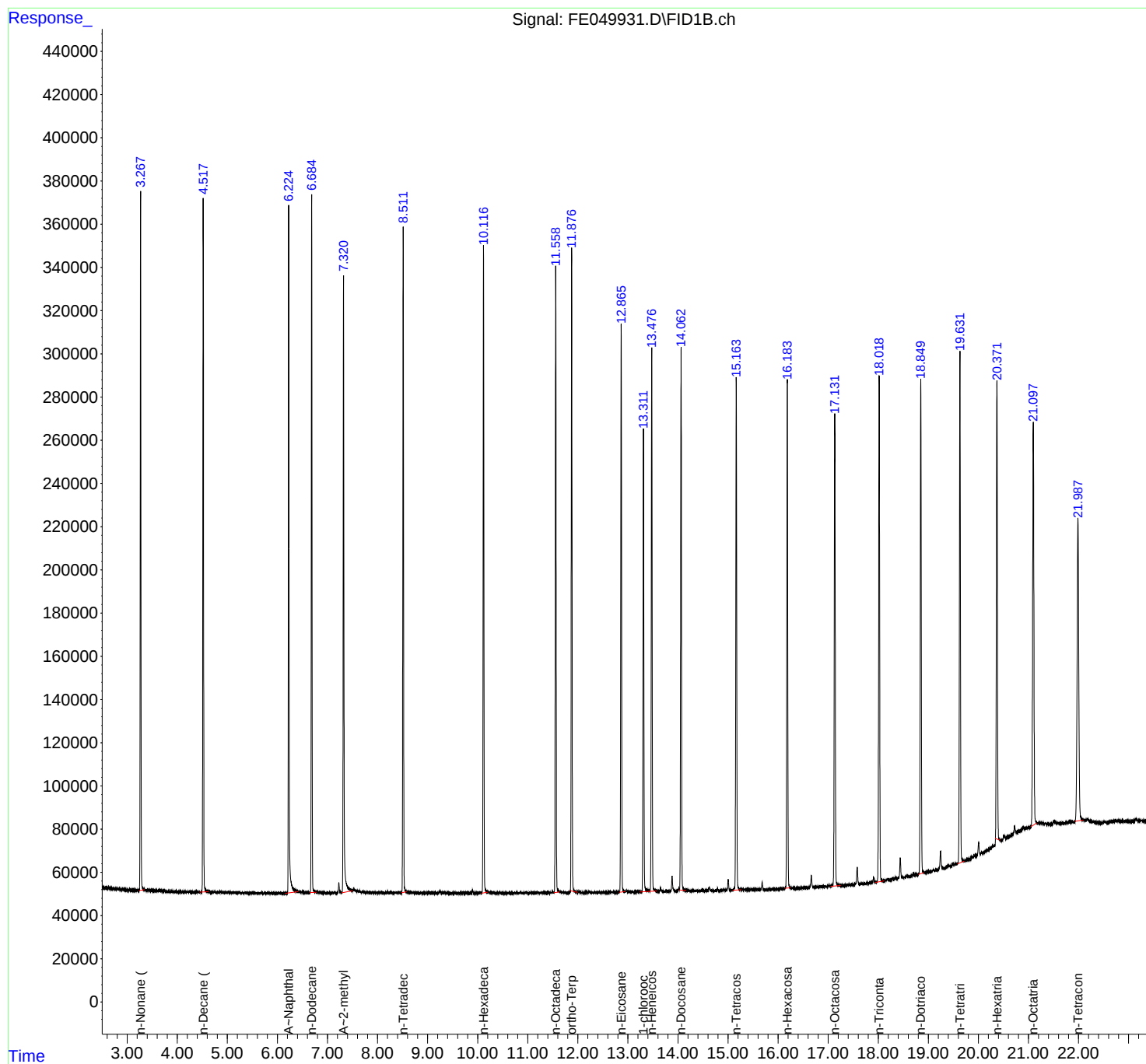
(m)=manual int.

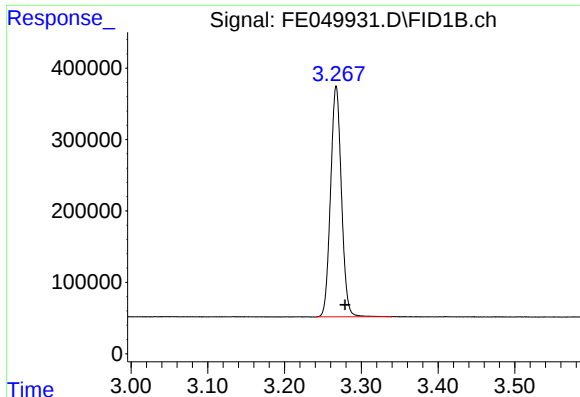
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090524AL\  
Data File : FE049931.D  
Signal(s) : FID1B.ch  
Acq On : 05 Sep 2024 11:31  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Sep 06 01:30:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 11:05:17 2024  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

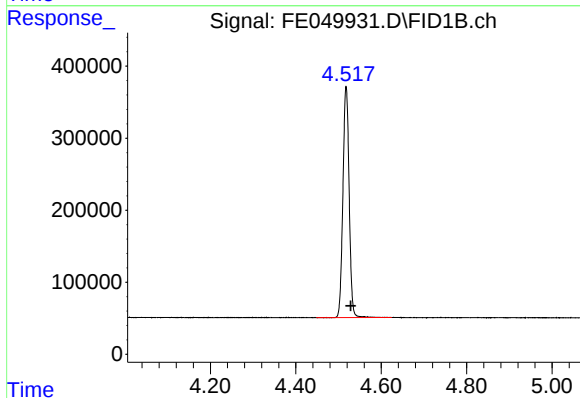




#1 n-Nonane (C9)

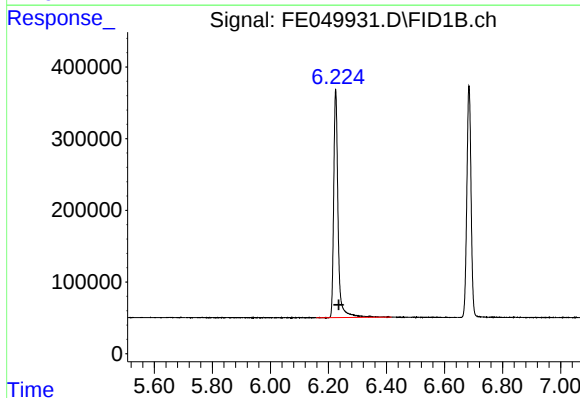
R.T.: 3.267 min  
Delta R.T.: -0.012 min  
Response: 3174979  
Conc: 20.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



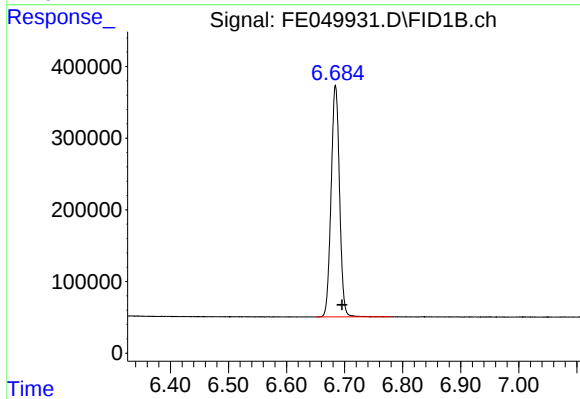
#2 n-Decane (C10)

R.T.: 4.518 min  
Delta R.T.: -0.011 min  
Response: 3247414  
Conc: 20.57 ug/ml



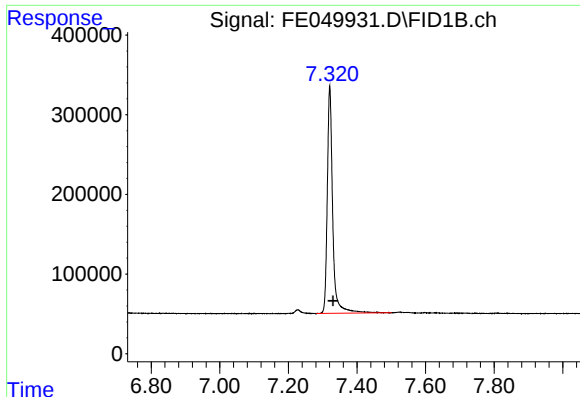
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min  
Delta R.T.: -0.010 min  
Response: 3328844  
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

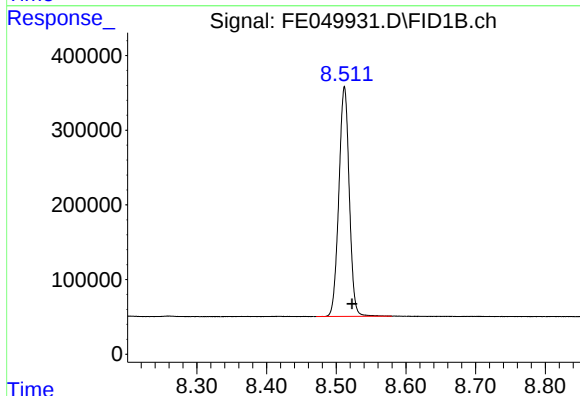
R.T.: 6.684 min  
Delta R.T.: -0.011 min  
Response: 3257421  
Conc: 20.72 ug/ml



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

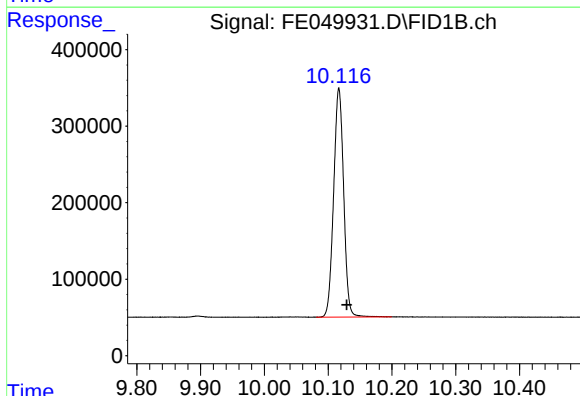
R.T.: 7.321 min  
Delta R.T.: -0.010 min  
Response: 3130375  
Conc: 20.90 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



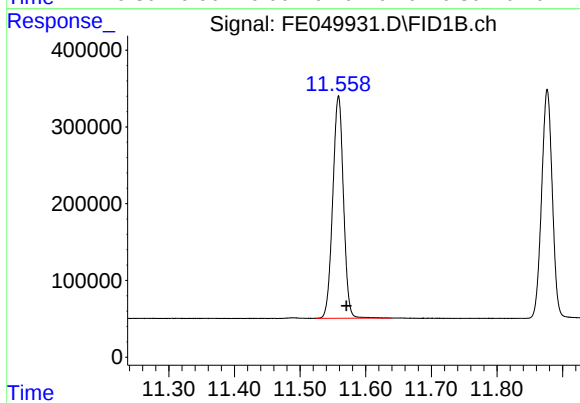
#6 n-Tetradecane (C14)

R.T.: 8.512 min  
Delta R.T.: -0.011 min  
Response: 3193039  
Conc: 20.68 ug/ml



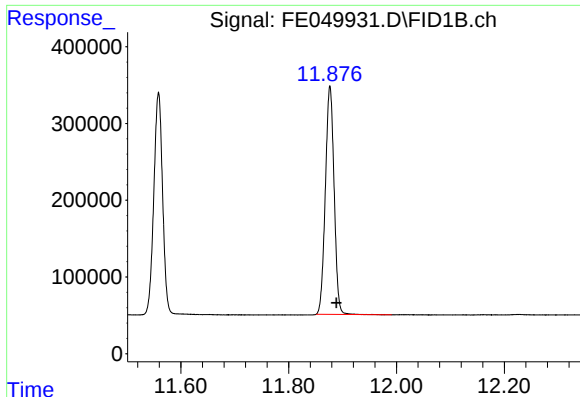
#7 n-Hexadecane (C16)

R.T.: 10.117 min  
Delta R.T.: -0.012 min  
Response: 3271444  
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

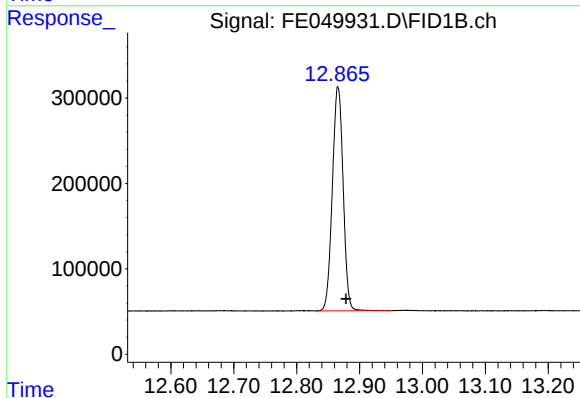
R.T.: 11.558 min  
Delta R.T.: -0.012 min  
Response: 3288504  
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

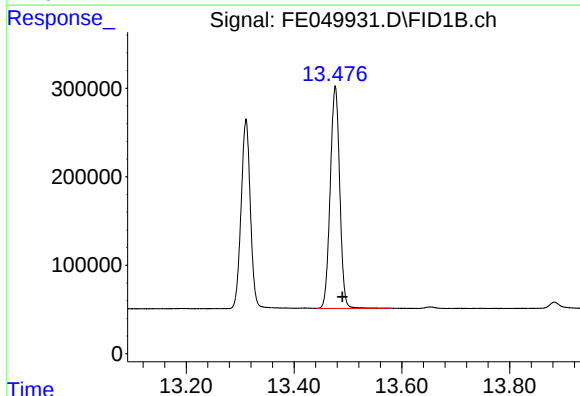
R.T.: 11.877 min  
Delta R.T.: -0.012 min  
Response: 3343603  
Conc: 20.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



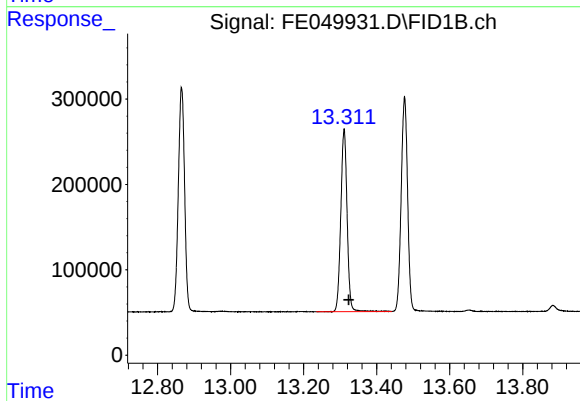
#10 n-Eicosane (C20)

R.T.: 12.866 min  
Delta R.T.: -0.013 min  
Response: 3128702  
Conc: 20.95 ug/ml



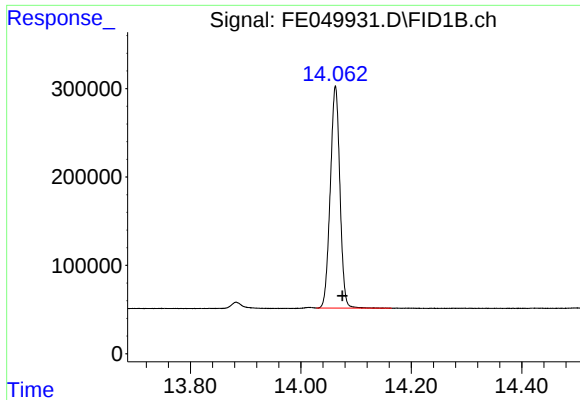
#11 n-Heneicosane (C21)

R.T.: 13.476 min  
Delta R.T.: -0.014 min  
Response: 3064672  
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

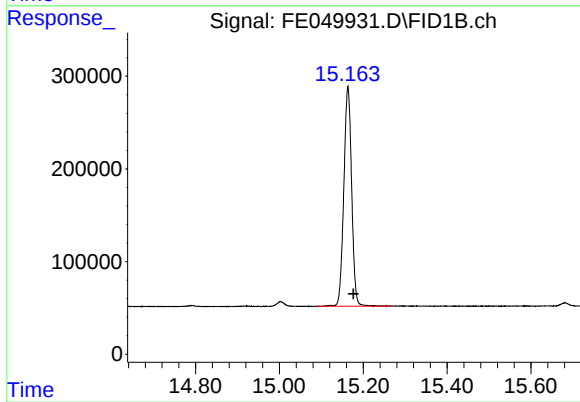
R.T.: 13.311 min  
Delta R.T.: -0.013 min  
Response: 2569275  
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

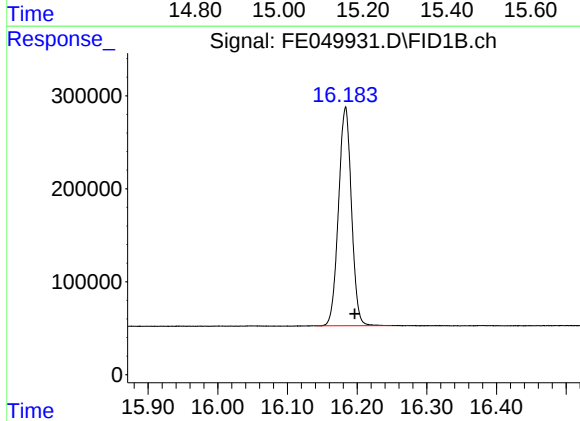
R.T.: 14.063 min  
Delta R.T.: -0.013 min  
Response: 3031201  
Conc: 20.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



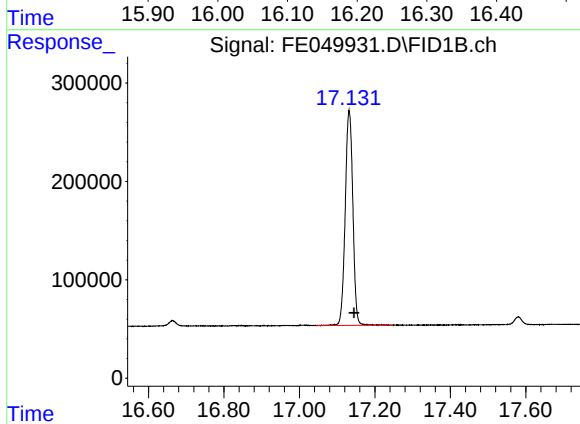
#14 n-Tetracosane (C24)

R.T.: 15.163 min  
Delta R.T.: -0.013 min  
Response: 3069400  
Conc: 21.10 ug/ml



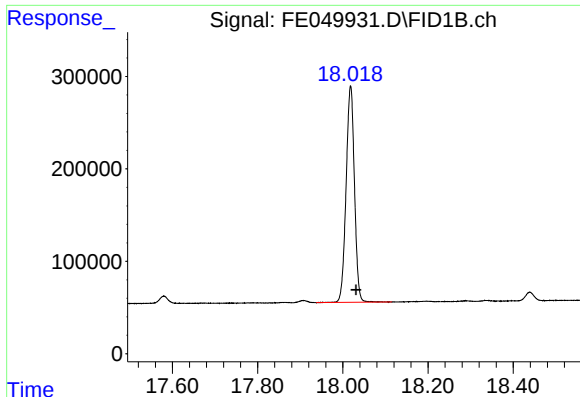
#15 n-Hexacosane (C26)

R.T.: 16.183 min  
Delta R.T.: -0.013 min  
Response: 3033527  
Conc: 21.02 ug/ml



#16 n-Octacosane (C28)

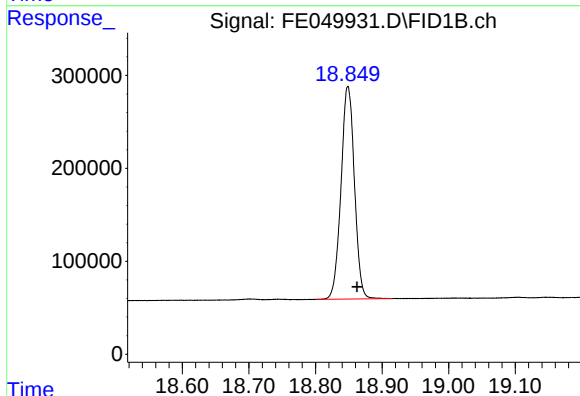
R.T.: 17.132 min  
Delta R.T.: -0.013 min  
Response: 3069435  
Conc: 21.31 ug/ml



#17 n-Tricontane (C30)

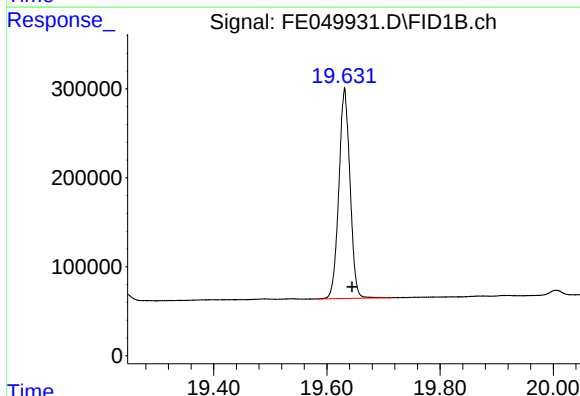
R.T.: 18.018 min  
Delta R.T.: -0.013 min  
Response: 3182418  
Conc: 21.26 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



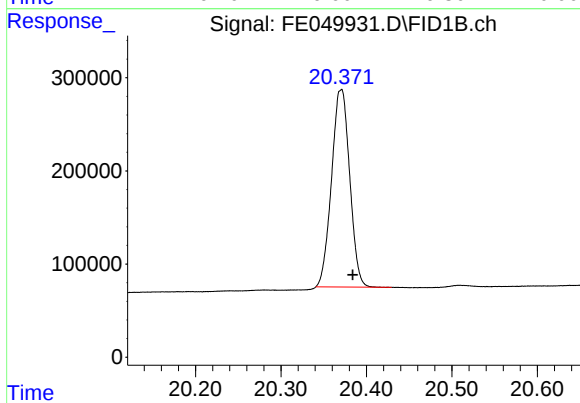
#18 n-Dotriacontane (C32)

R.T.: 18.849 min  
Delta R.T.: -0.014 min  
Response: 3206501  
Conc: 21.20 ug/ml



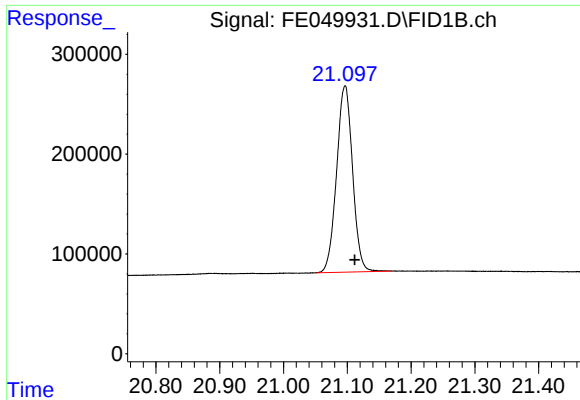
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min  
Delta R.T.: -0.013 min  
Response: 3230302  
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

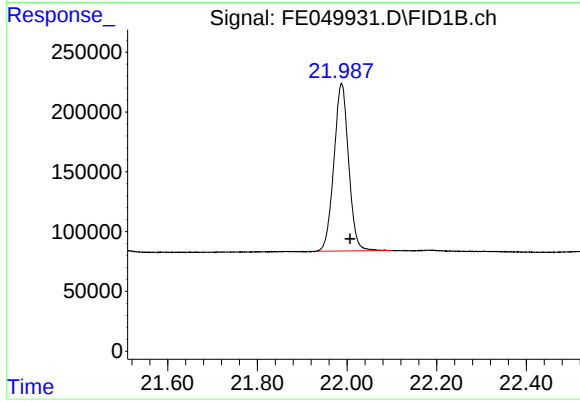
R.T.: 20.370 min  
Delta R.T.: -0.014 min  
Response: 3127762  
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min  
Delta R.T.: -0.015 min  
Response: 3249582  
Conc: 20.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.988 min  
Delta R.T.: -0.019 min  
Response: 3188614  
Conc: 20.88 ug/ml