

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091224AL\  
 Data File : FE050045.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Sep 2024 15:46  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 12 03:17:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 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)    | 11.874 | 2942397    | 19.777 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.55%       |
| 12) S 1-chlorooctadecane (S... | 13.308 | 2242509    | 19.964 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.93%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.264  | 2666553    | 19.673 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 2721945    | 19.723 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.223  | 2794454    | 19.965 ug/ml |
| 4) T n-Dodecane (C12)          | 6.682  | 2725274    | 19.708 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.318  | 2627150    | 19.988 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.509  | 2690970    | 19.762 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.114 | 2753440    | 19.823 ug/ml |
| 8) T n-Octadecane (C18)        | 11.555 | 2767393    | 19.753 ug/ml |
| 10) T n-Eicosane (C20)         | 12.863 | 2648477    | 19.743 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.474 | 2600577    | 19.792 ug/ml |
| 13) T n-Docosane (C22)         | 14.060 | 2585319    | 19.854 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.161 | 2585542    | 19.799 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.181 | 2526374    | 19.747 ug/ml |
| 16) T n-Octacosane (C28)       | 17.129 | 2506362    | 19.458 ug/ml |
| 17) T n-Tricontane (C30)       | 18.015 | 2614130    | 19.549 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.848 | 2605080    | 19.549 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.630 | 2407525    | 19.484 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.370 | 2185772    | 19.701 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.097 | 2121224    | 19.235 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.986 | 2007404    | 18.448 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

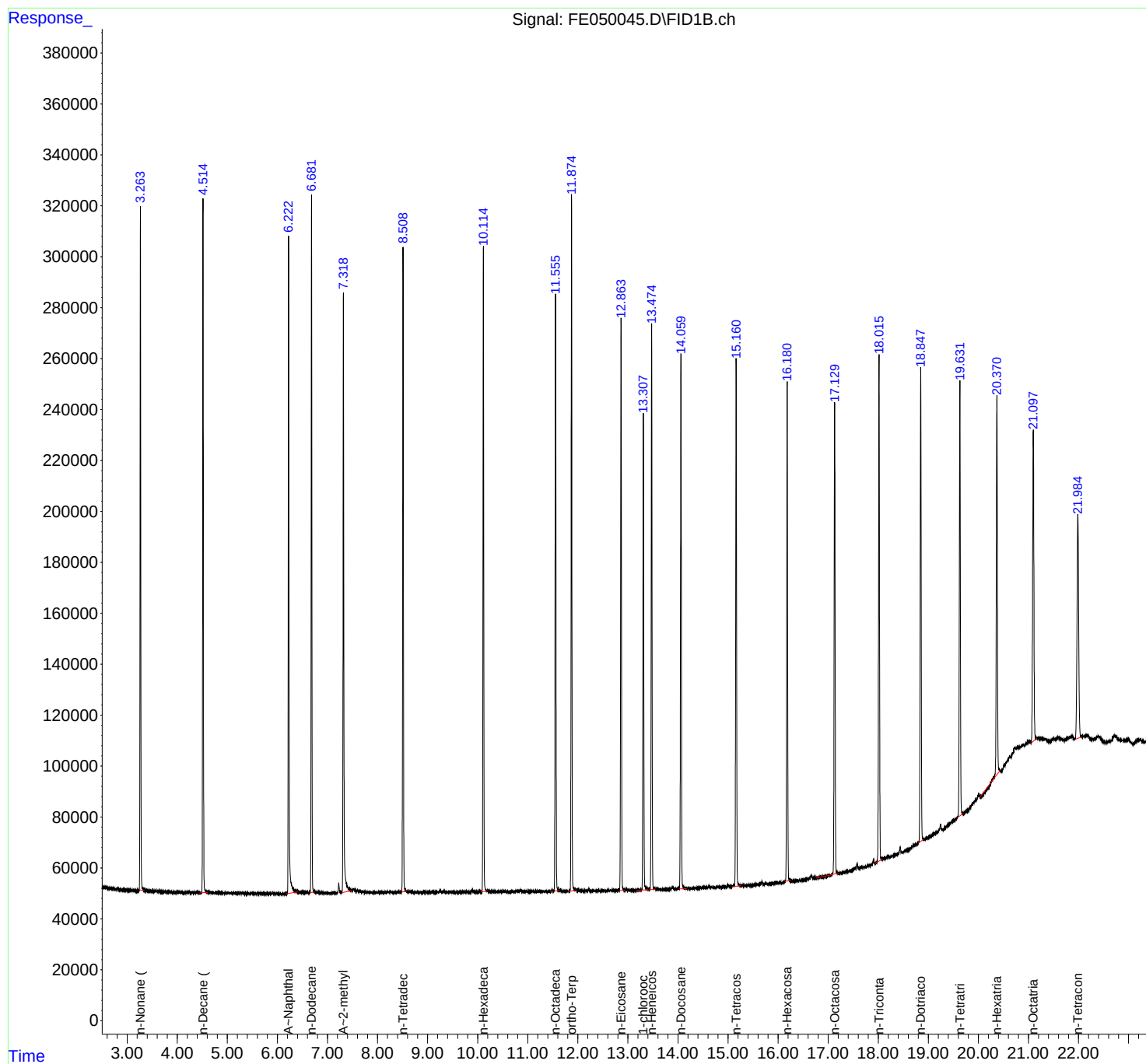
(m)=manual int.

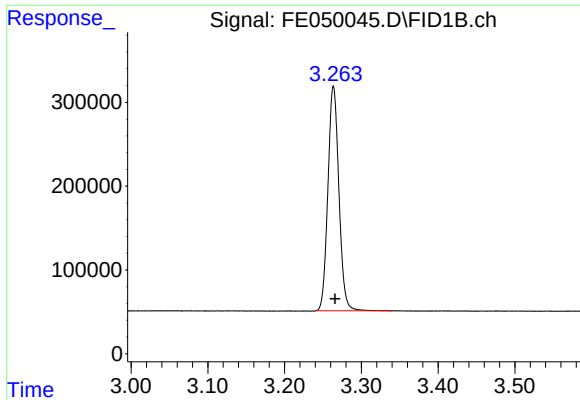
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091224AL\  
Data File : FE050045.D  
Signal(s) : FID1B.ch  
Acq On : 11 Sep 2024 15:46  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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ClientSampleId :

Integration File: autoint1.e  
Quant Time: Sep 12 03:17:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 17:11:47 2024  
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

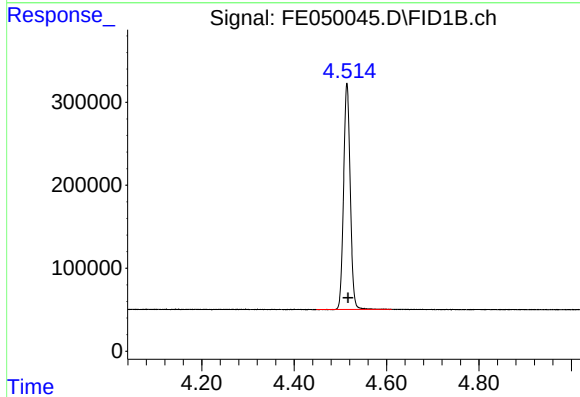




#1 n-Nonane (C9)

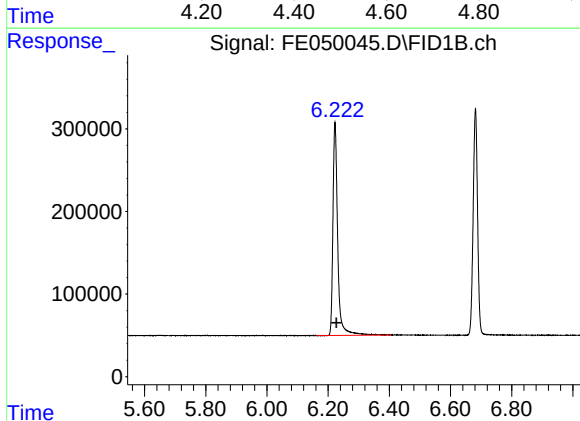
R.T.: 3.264 min  
Delta R.T.: -0.002 min  
Response: 2666553  
Conc: 19.67 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



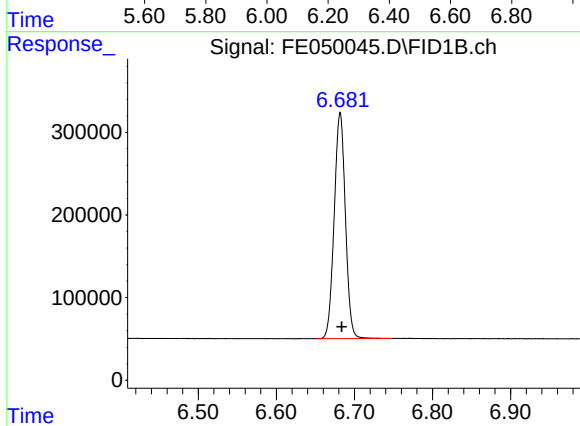
#2 n-Decane (C10)

R.T.: 4.514 min  
Delta R.T.: -0.002 min  
Response: 2721945  
Conc: 19.72 ug/ml



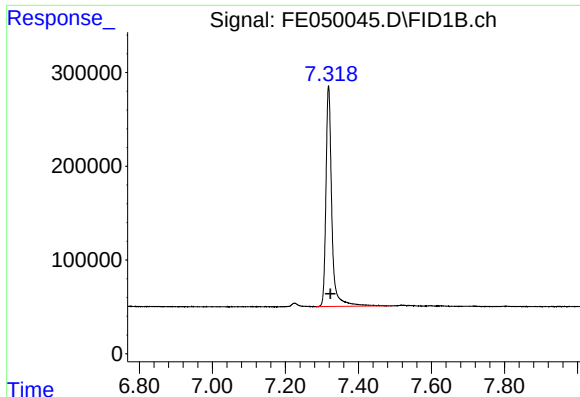
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min  
Delta R.T.: -0.004 min  
Response: 2794454  
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

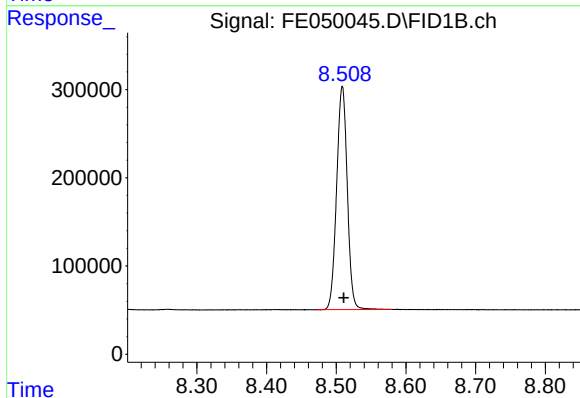
R.T.: 6.682 min  
Delta R.T.: -0.002 min  
Response: 2725274  
Conc: 19.71 ug/ml



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

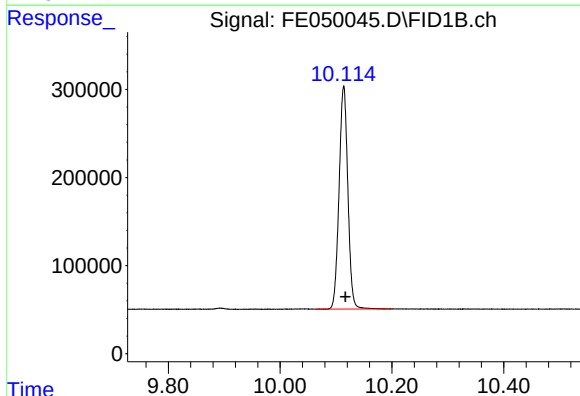
R.T.: 7.318 min  
Delta R.T.: -0.005 min  
Response: 2627150  
Conc: 19.99 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



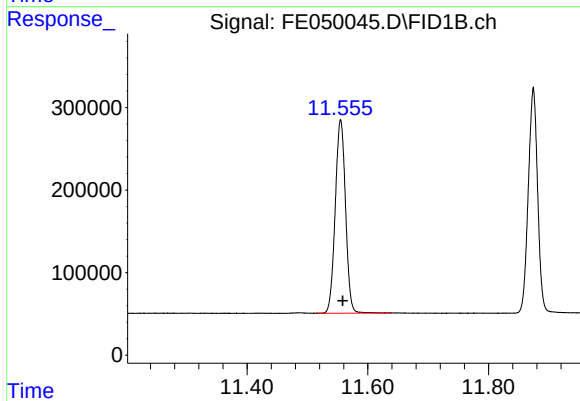
#6 n-Tetradecane (C14)

R.T.: 8.509 min  
Delta R.T.: -0.002 min  
Response: 2690970  
Conc: 19.76 ug/ml



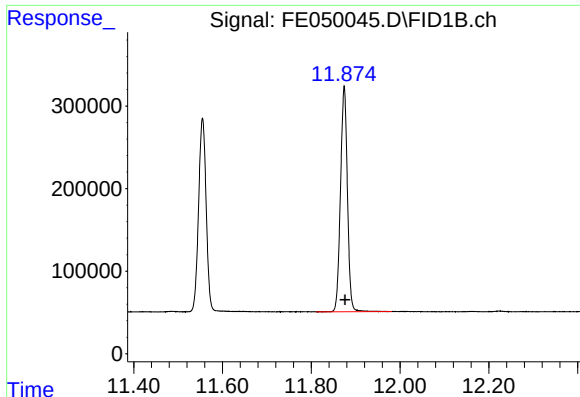
#7 n-Hexadecane (C16)

R.T.: 10.114 min  
Delta R.T.: -0.003 min  
Response: 2753440  
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

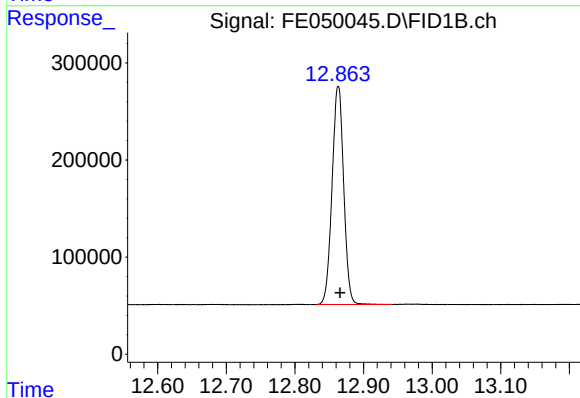
R.T.: 11.555 min  
Delta R.T.: -0.004 min  
Response: 2767393  
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

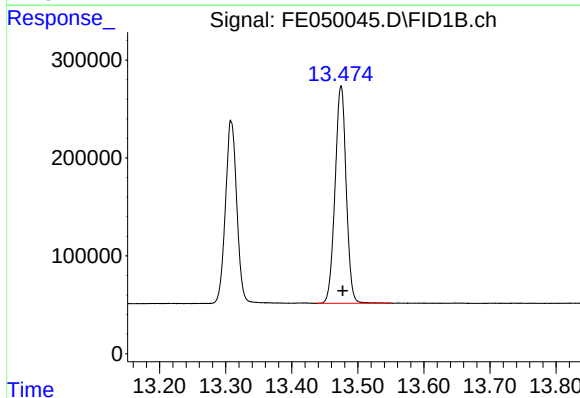
R.T.: 11.874 min  
Delta R.T.: -0.002 min  
Response: 2942397  
Conc: 19.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



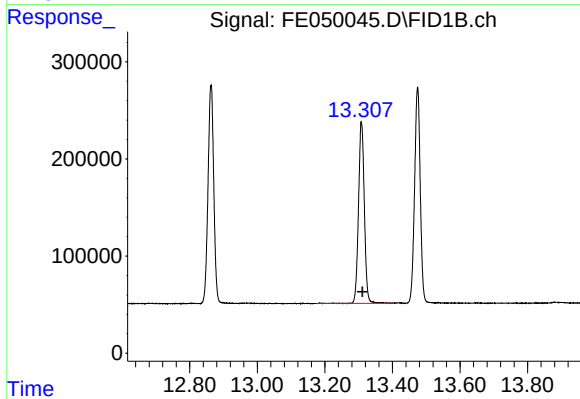
#10 n-Eicosane (C20)

R.T.: 12.863 min  
Delta R.T.: -0.003 min  
Response: 2648477  
Conc: 19.74 ug/ml



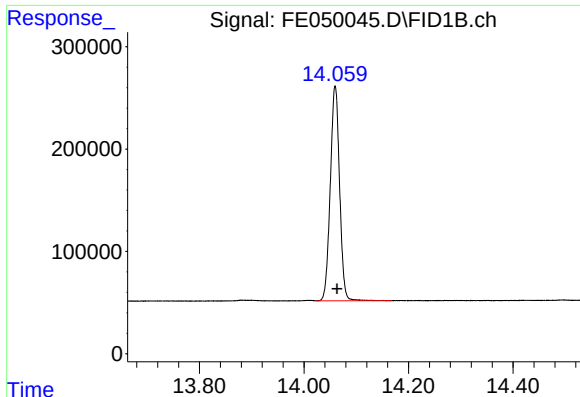
#11 n-Heneicosane (C21)

R.T.: 13.474 min  
Delta R.T.: -0.003 min  
Response: 2600577  
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

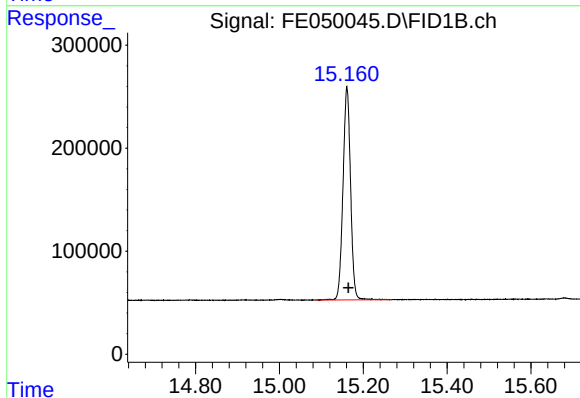
R.T.: 13.308 min  
Delta R.T.: -0.003 min  
Response: 2242509  
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

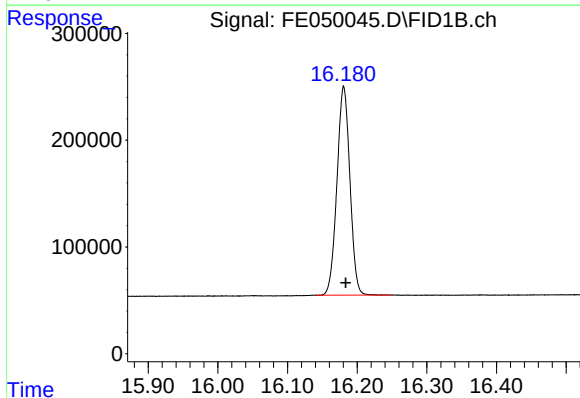
R.T.: 14.060 min  
Delta R.T.: -0.003 min  
Response: 2585319  
Conc: 19.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



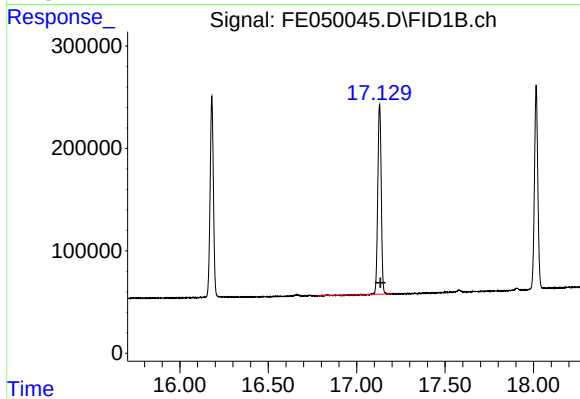
#14 n-Tetracosane (C24)

R.T.: 15.161 min  
Delta R.T.: -0.003 min  
Response: 2585542  
Conc: 19.80 ug/ml



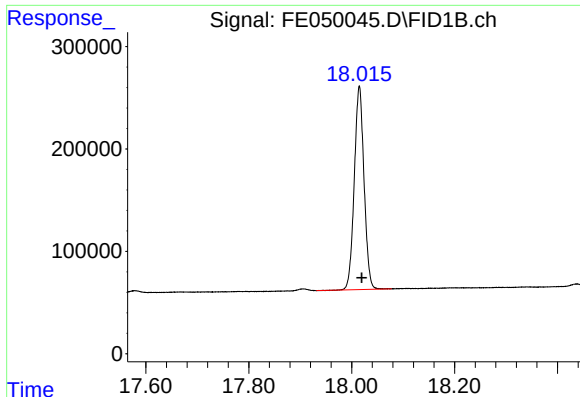
#15 n-Hexacosane (C26)

R.T.: 16.181 min  
Delta R.T.: -0.003 min  
Response: 2526374  
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

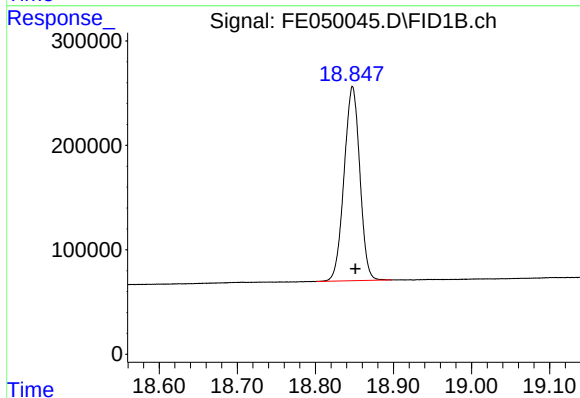
R.T.: 17.129 min  
Delta R.T.: -0.004 min  
Response: 2506362  
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

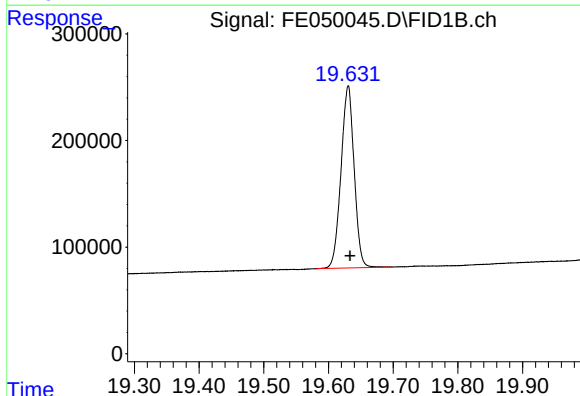
R.T.: 18.015 min  
Delta R.T.: -0.005 min  
Response: 2614130  
Conc: 19.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



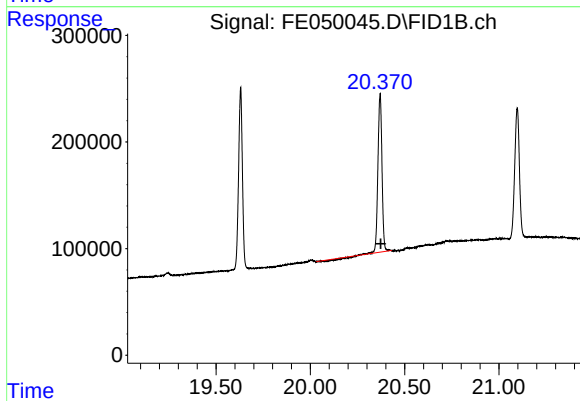
#18 n-Dotriacontane (C32)

R.T.: 18.848 min  
Delta R.T.: -0.004 min  
Response: 2605080  
Conc: 19.55 ug/ml



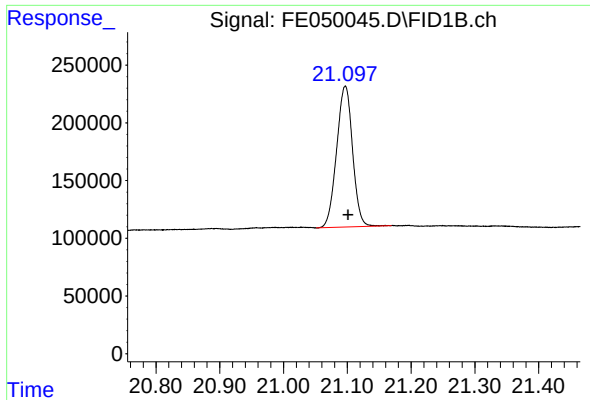
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min  
Delta R.T.: -0.003 min  
Response: 2407525  
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

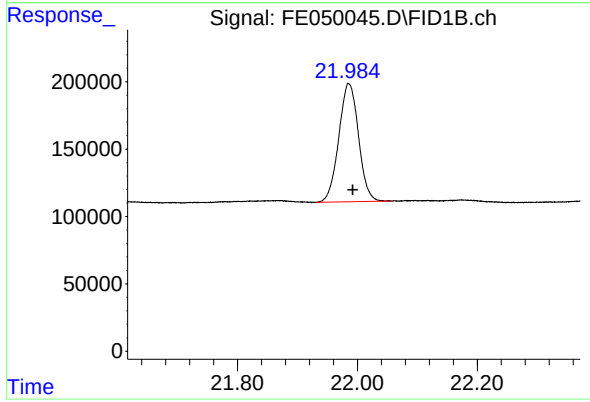
R.T.: 20.370 min  
Delta R.T.: -0.004 min  
Response: 2185772  
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min  
Delta R.T.: -0.004 min  
Response: 2121224  
Conc: 19.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.986 min  
Delta R.T.: -0.007 min  
Response: 2007404  
Conc: 18.45 ug/ml