

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081322AL\  
 Data File : FE037023.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Aug 2022 10:04  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 12 17:13:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 12 07:36:15 2022  
 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)    | 11.819 | 3621953    | 19.691 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.38%       |
| 12) S 1-chlorooctadecane (S... | 13.259 | 2847688    | 19.512 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.214  | 3008521    | 19.574 ug/ml |
| 2) T n-Decane (C10)            | 4.467  | 2990164    | 19.564 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.167  | 3263959    | 19.837 ug/ml |
| 4) T n-Dodecane (C12)          | 6.635  | 3066916    | 19.637 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.263  | 3204110    | 19.742 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.461  | 3113875    | 19.704 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.067 | 3136386    | 19.721 ug/ml |
| 8) T n-Octadecane (C18)        | 11.509 | 3227533    | 19.658 ug/ml |
| 10) T n-Eicosane (C20)         | 12.816 | 3228490    | 19.665 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.427 | 3223339    | 19.613 ug/ml |
| 13) T n-Docosane (C22)         | 14.012 | 3197944    | 19.655 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.114 | 3163019    | 19.570 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.135 | 3087395    | 19.464 ug/ml |
| 16) T n-Octacosane (C28)       | 17.084 | 3009094    | 19.360 ug/ml |
| 17) T n-Tricontane (C30)       | 17.972 | 2815766    | 19.307 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.804 | 2236072    | 19.242 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.587 | 1583830    | 19.220 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.326 | 1166182    | 19.304 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.048 | 970088     | 19.021 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.921 | 909221     | 18.890 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

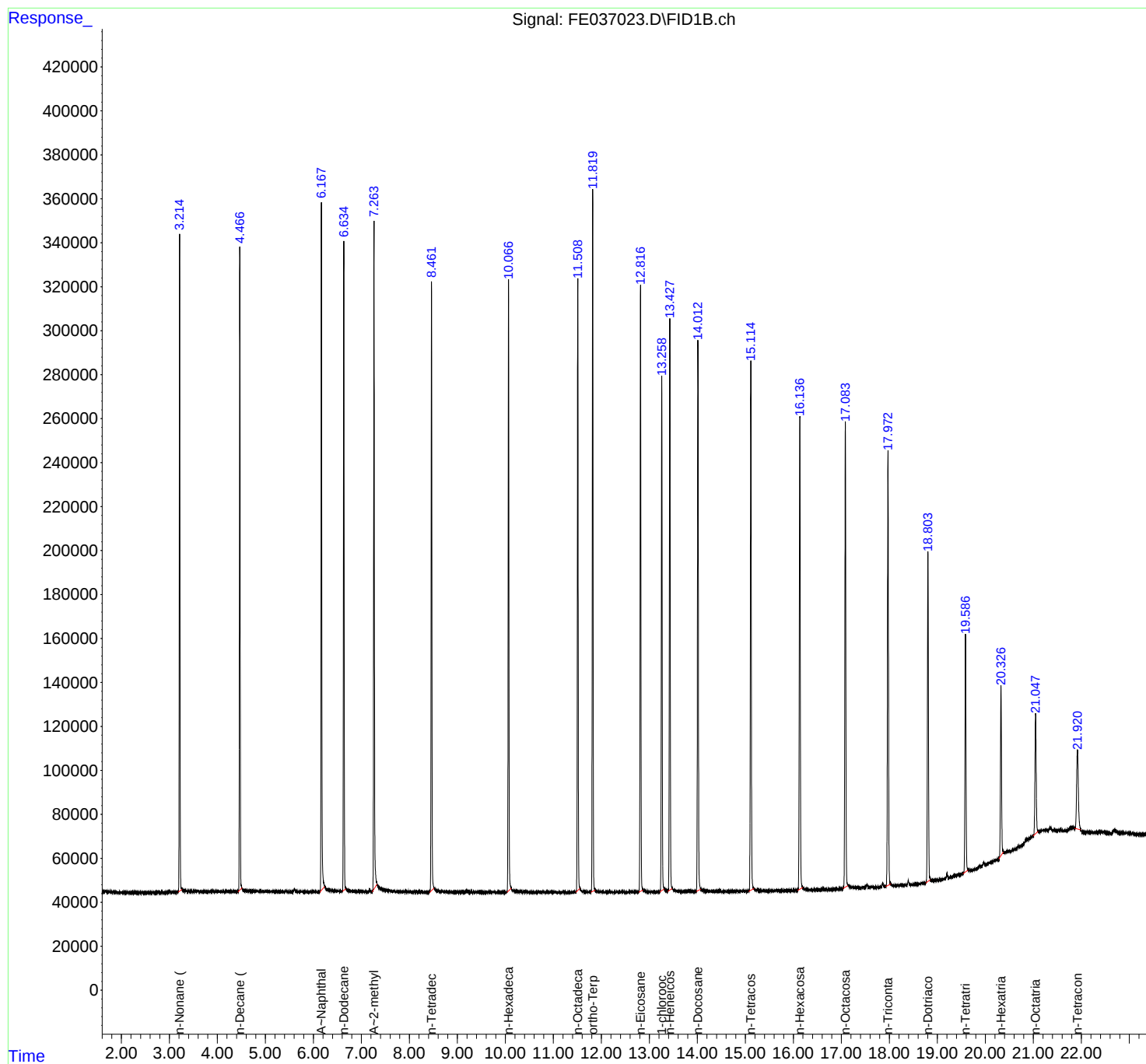
(m)=manual int.

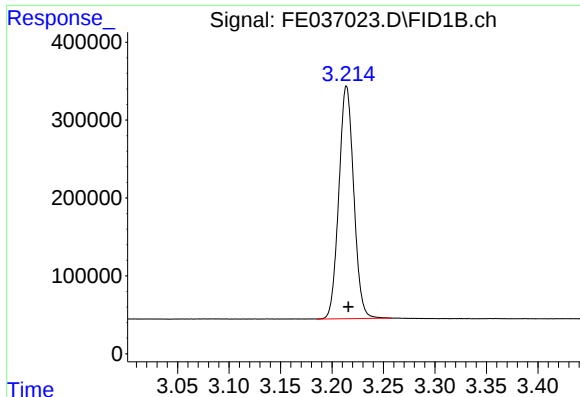
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081322AL\  
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Quant Title : GC Extractables  
QLast Update : Fri Aug 12 07:36:15 2022  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

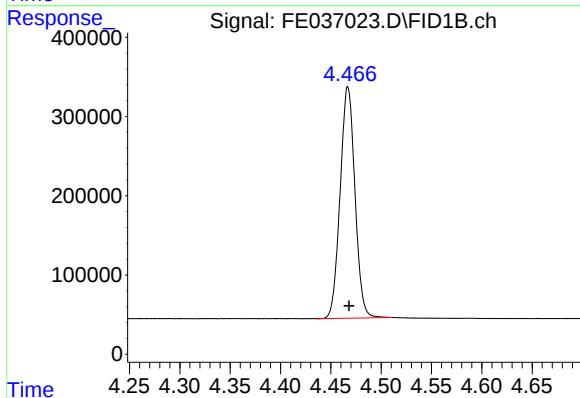




#1 n-Nonane (C9)

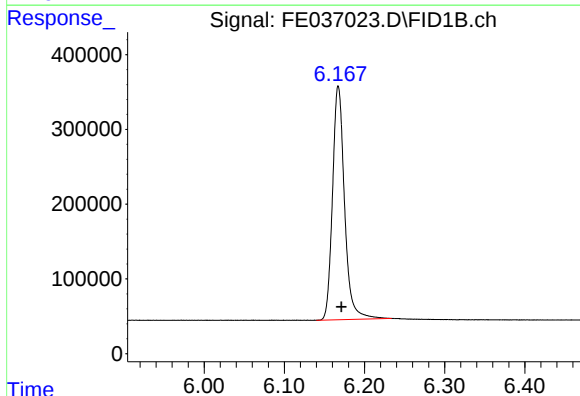
R.T.: 3.214 min  
Delta R.T.: -0.002 min  
Response: 3008521  
Conc: 19.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



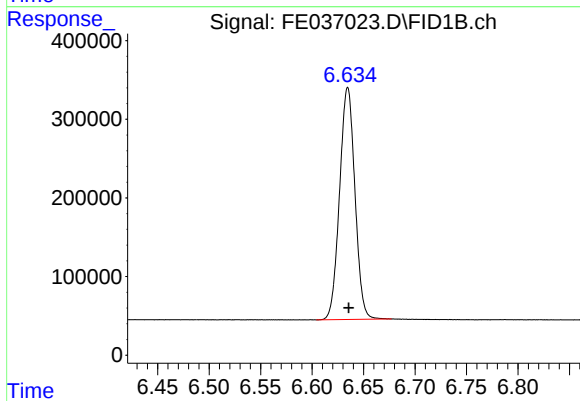
#2 n-Decane (C10)

R.T.: 4.467 min  
Delta R.T.: -0.001 min  
Response: 2990164  
Conc: 19.56 ug/ml



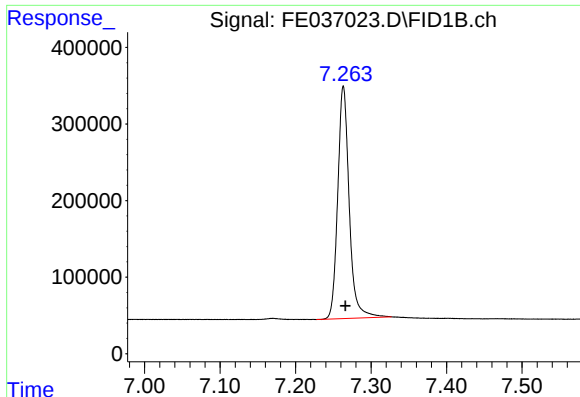
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min  
Delta R.T.: -0.004 min  
Response: 3263959  
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

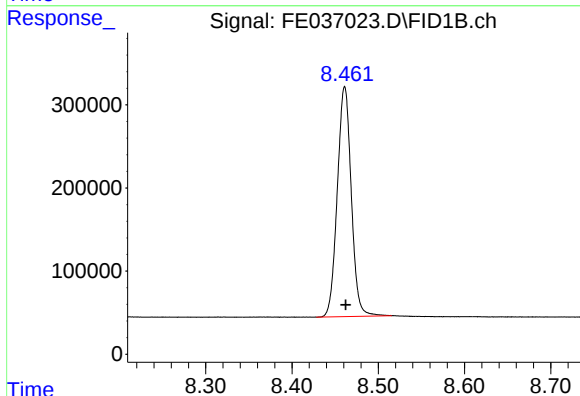
R.T.: 6.635 min  
Delta R.T.: 0.000 min  
Response: 3066916  
Conc: 19.64 ug/ml



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

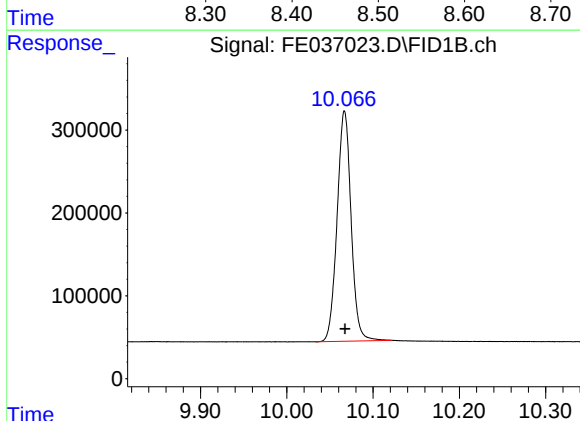
R.T.: 7.263 min  
Delta R.T.: -0.003 min  
Response: 3204110  
Conc: 19.74 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



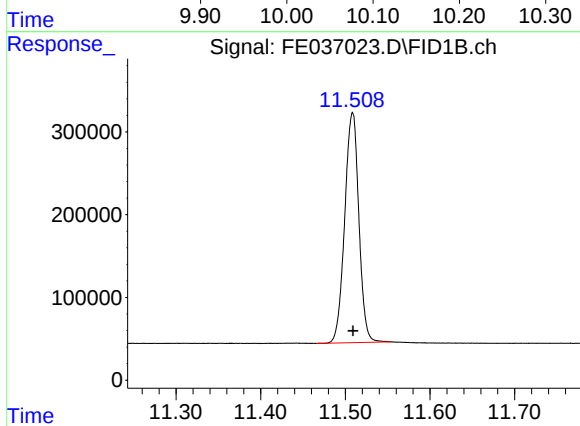
#6 n-Tetradecane (C14)

R.T.: 8.461 min  
Delta R.T.: -0.001 min  
Response: 3113875  
Conc: 19.70 ug/ml



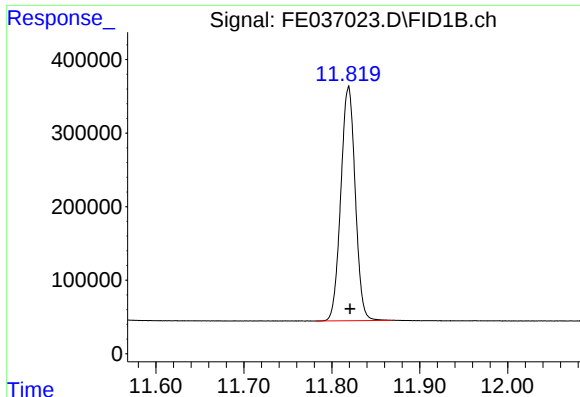
#7 n-Hexadecane (C16)

R.T.: 10.067 min  
Delta R.T.: 0.000 min  
Response: 3136386  
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

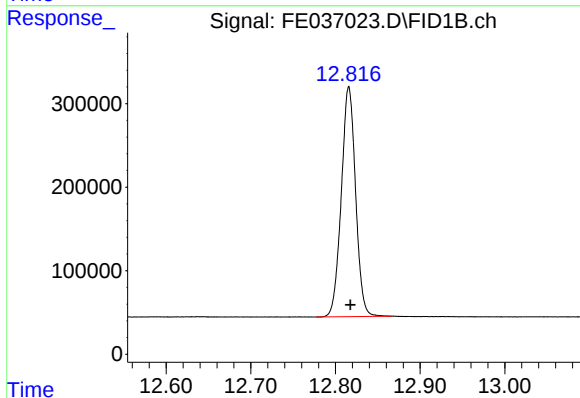
R.T.: 11.509 min  
Delta R.T.: 0.000 min  
Response: 3227533  
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

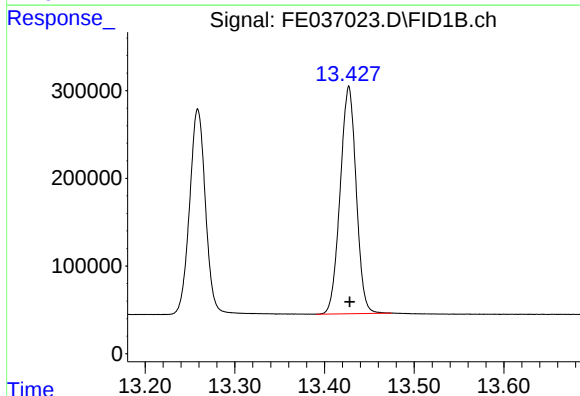
R.T.: 11.819 min  
Delta R.T.: -0.002 min  
Response: 3621953  
Conc: 19.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



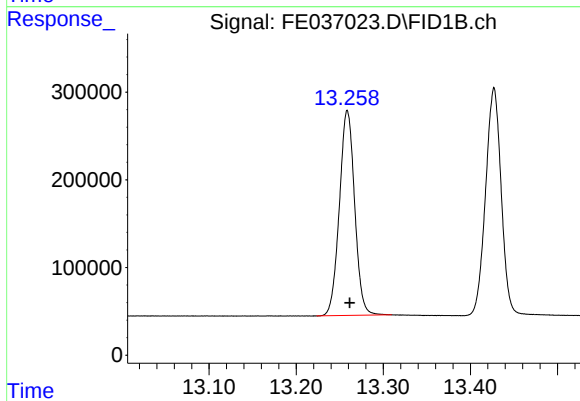
#10 n-Eicosane (C20)

R.T.: 12.816 min  
Delta R.T.: -0.002 min  
Response: 3228490  
Conc: 19.67 ug/ml



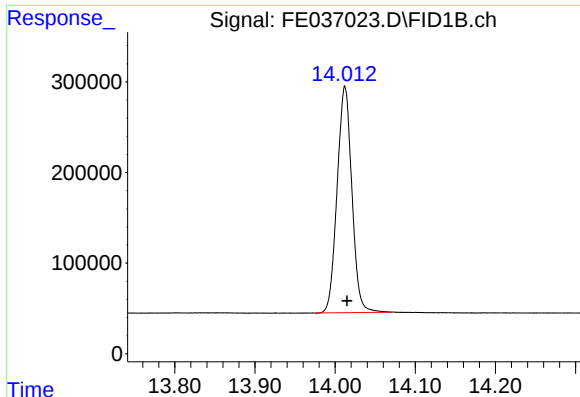
#11 n-Heneicosane (C21)

R.T.: 13.427 min  
Delta R.T.: 0.000 min  
Response: 3223339  
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

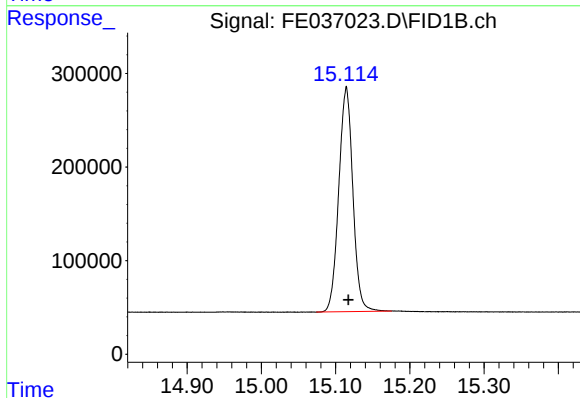
R.T.: 13.259 min  
Delta R.T.: -0.003 min  
Response: 2847688  
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

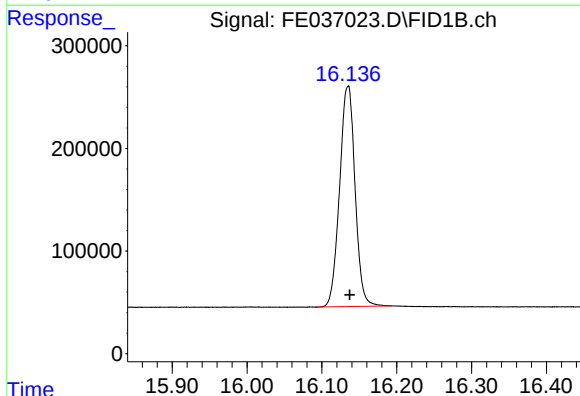
R.T.: 14.012 min  
Delta R.T.: -0.003 min  
Response: 3197944  
Conc: 19.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



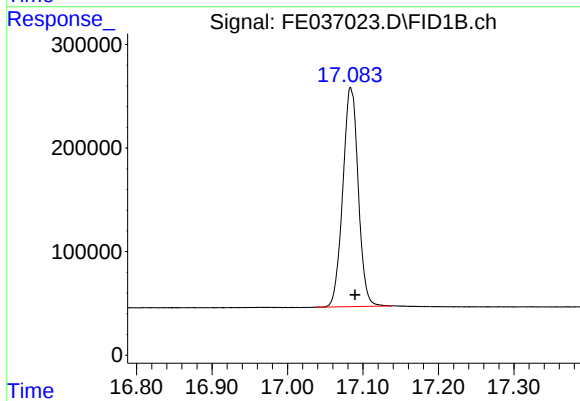
#14 n-Tetracosane (C24)

R.T.: 15.114 min  
Delta R.T.: -0.003 min  
Response: 3163019  
Conc: 19.57 ug/ml



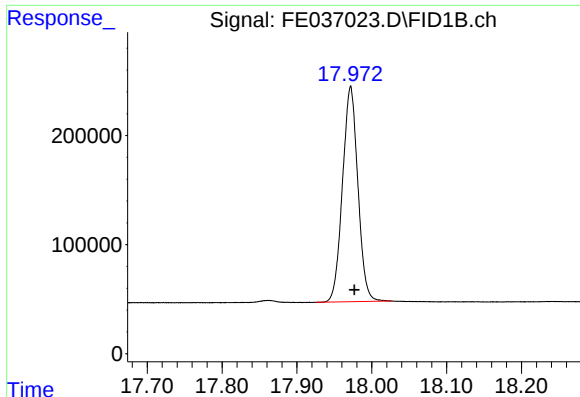
#15 n-Hexacosane (C26)

R.T.: 16.135 min  
Delta R.T.: -0.002 min  
Response: 3087395  
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

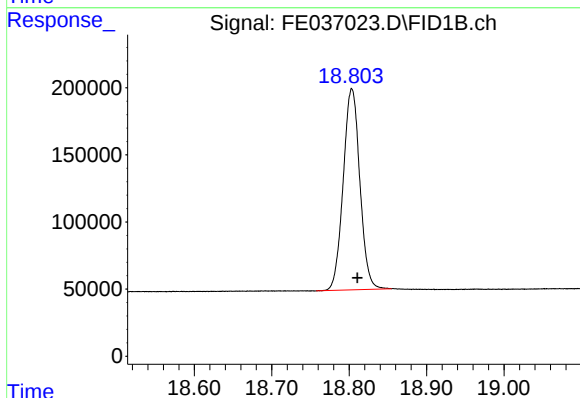
R.T.: 17.084 min  
Delta R.T.: -0.006 min  
Response: 3009094  
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

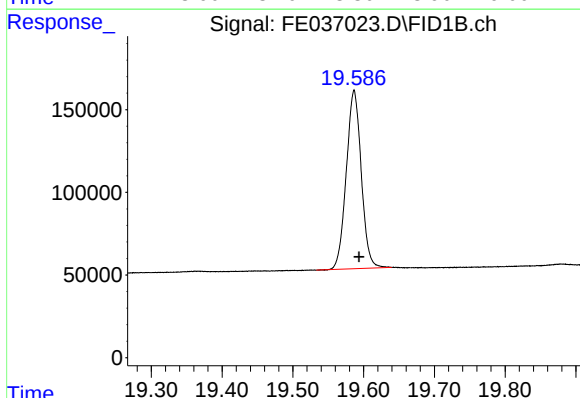
R.T.: 17.972 min  
Delta R.T.: -0.005 min  
Response: 2815766  
Conc: 19.31 ug/ml

Instrument :  
FID\_E  
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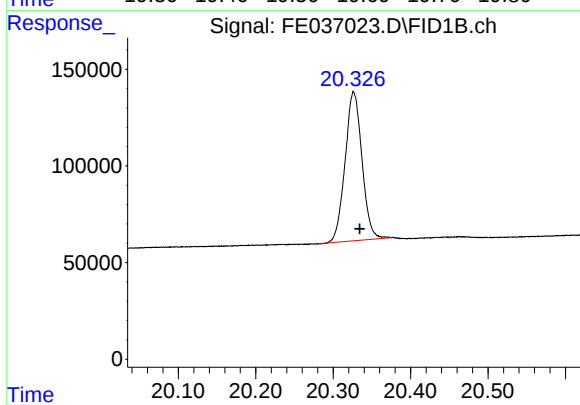
#18 n-Dotriacontane (C32)

R.T.: 18.804 min  
Delta R.T.: -0.007 min  
Response: 2236072  
Conc: 19.24 ug/ml



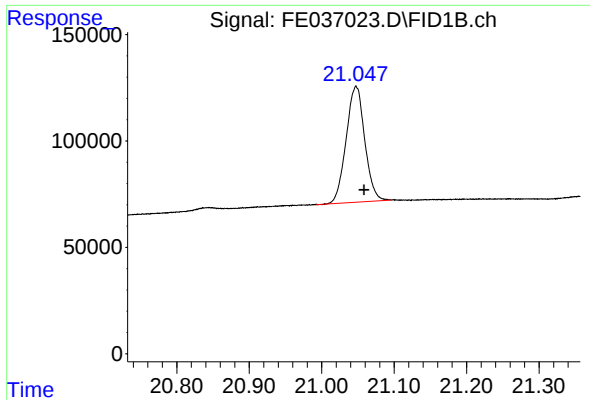
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min  
Delta R.T.: -0.007 min  
Response: 1583830  
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

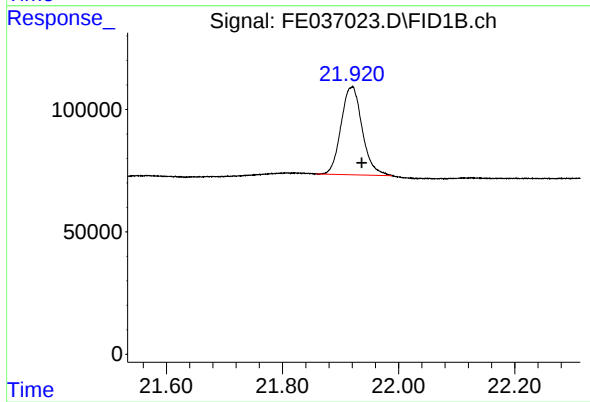
R.T.: 20.326 min  
Delta R.T.: -0.008 min  
Response: 1166182  
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.048 min  
Delta R.T.: -0.011 min  
Response: 970088  
Conc: 19.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.921 min  
Delta R.T.: -0.016 min  
Response: 909221  
Conc: 18.89 ug/ml