

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110624AL\  
 Data File : FE051059.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Nov 2024 08:18  
 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: Nov 06 10:38:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 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)    | 11.851 | 3300854    | 20.937 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.87%       |
| 12) S 1-chlorooctadecane (S... | 13.285 | 2514351    | 21.255 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.239  | 3135052    | 22.189 ug/ml |
| 2) T n-Decane (C10)            | 4.490  | 3183638    | 22.189 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.203  | 3067554    | 21.453 ug/ml |
| 4) T n-Dodecane (C12)          | 6.659  | 3197250    | 22.213 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.299  | 2869132    | 21.657 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.485  | 3120371    | 21.811 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.091 | 3164914    | 21.505 ug/ml |
| 8) T n-Octadecane (C18)        | 11.532 | 3161924    | 21.168 ug/ml |
| 10) T n-Eicosane (C20)         | 12.839 | 3014051    | 21.018 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.450 | 2947360    | 20.988 ug/ml |
| 13) T n-Docosane (C22)         | 14.035 | 2930103    | 20.885 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.137 | 2923163    | 20.691 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.156 | 2926222    | 20.795 ug/ml |
| 16) T n-Octacosane (C28)       | 17.104 | 2941331    | 20.101 ug/ml |
| 17) T n-Tricontane (C30)       | 17.991 | 3052294    | 19.197 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.823 | 3060349    | 18.878 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.604 | 2783132    | 18.947 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.343 | 2509161    | 19.786 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.065 | 2247387    | 18.176 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.947 | 1938744    | 17.411 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

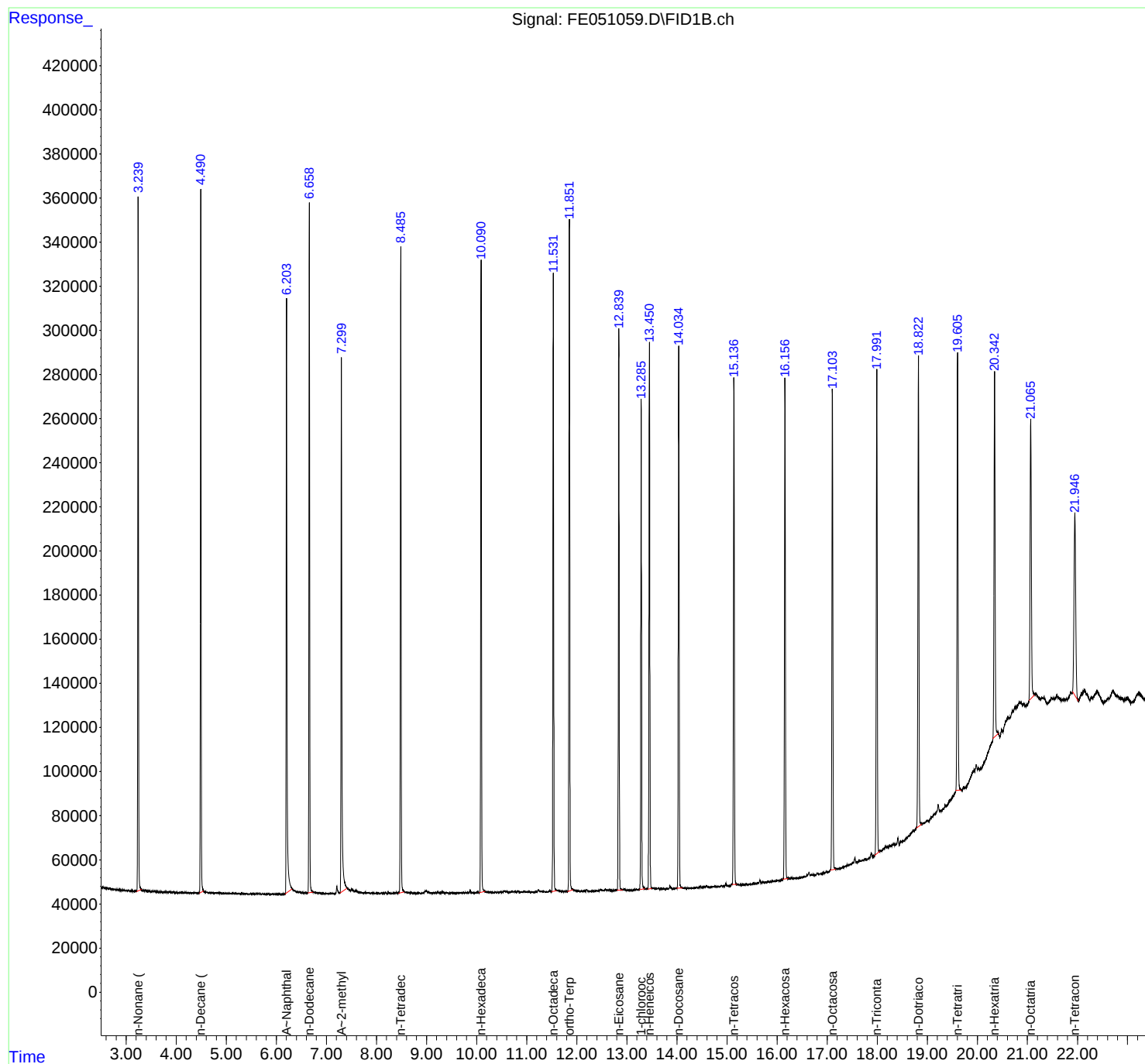
(m)=manual int.

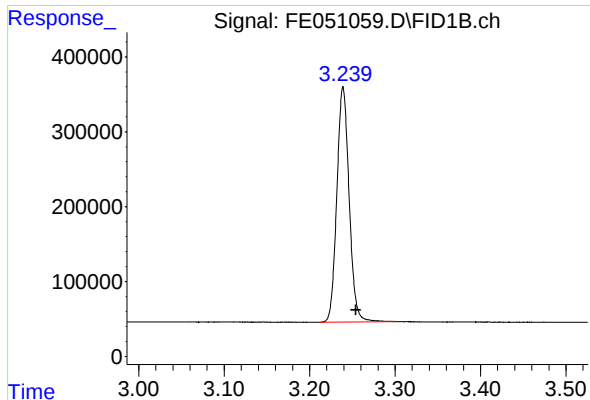
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110624AL\  
Data File : FE051059.D  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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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

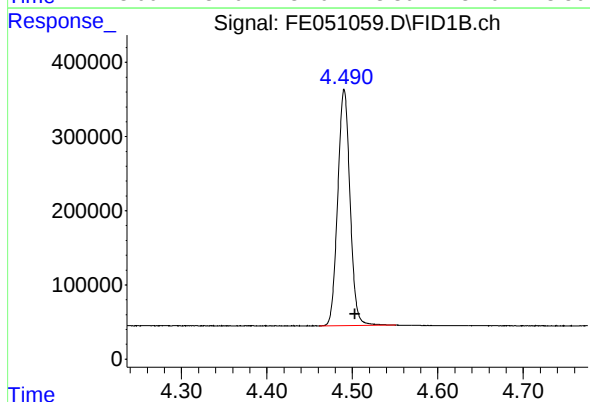




#1 n-Nonane (C9)

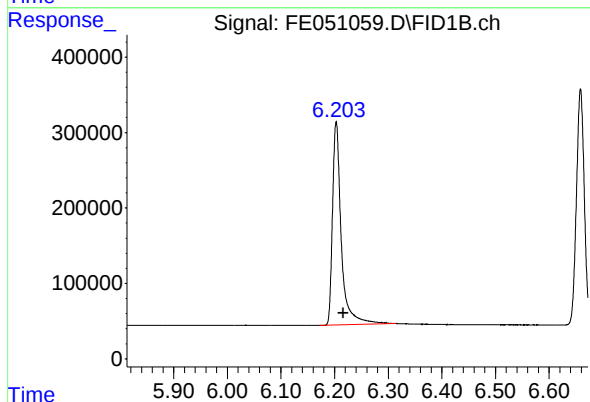
R.T.: 3.239 min  
Delta R.T.: -0.015 min  
Response: 3135052  
Conc: 22.19 ug/ml

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



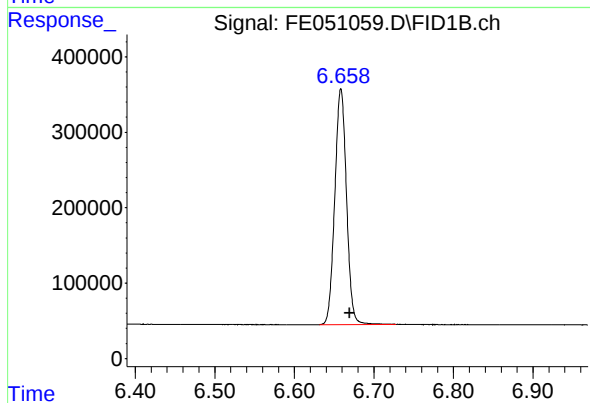
#2 n-Decane (C10)

R.T.: 4.490 min  
Delta R.T.: -0.012 min  
Response: 3183638  
Conc: 22.19 ug/ml



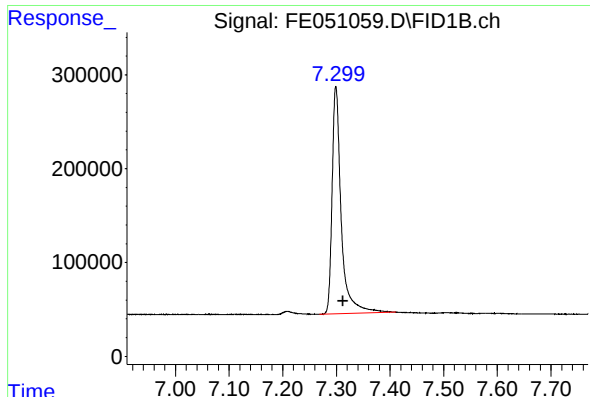
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min  
Delta R.T.: -0.013 min  
Response: 3067554  
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

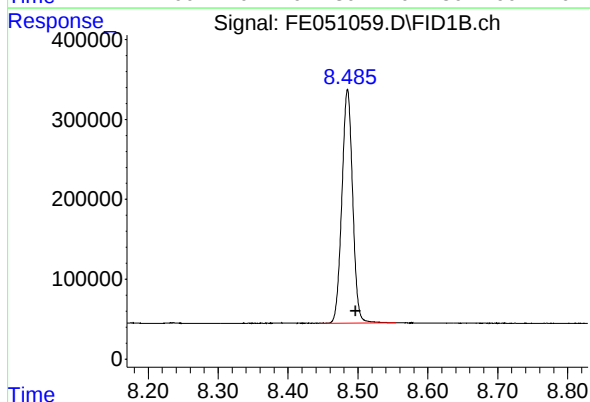
R.T.: 6.659 min  
Delta R.T.: -0.011 min  
Response: 3197250  
Conc: 22.21 ug/ml



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

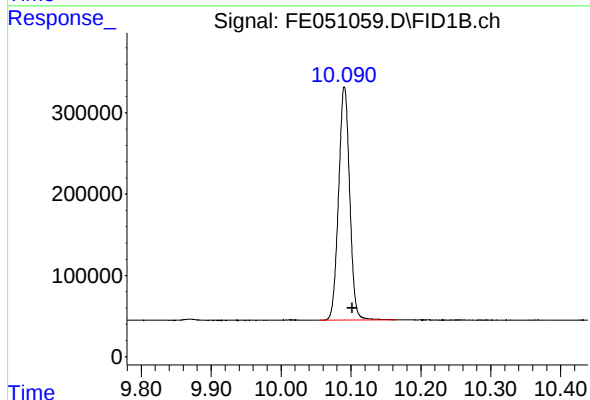
R.T.: 7.299 min  
Delta R.T.: -0.013 min  
Response: 2869132  
Conc: 21.66 ug/ml

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



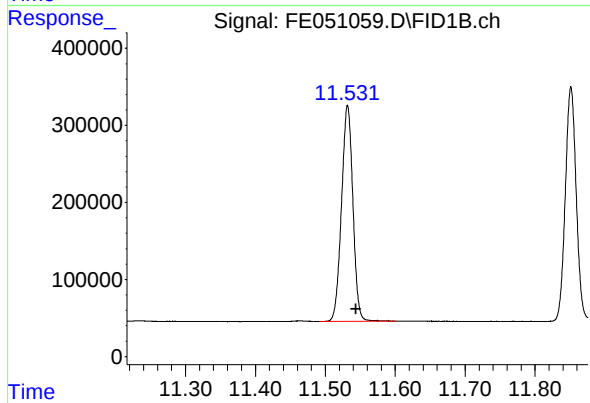
#6 n-Tetradecane (C14)

R.T.: 8.485 min  
Delta R.T.: -0.011 min  
Response: 3120371  
Conc: 21.81 ug/ml



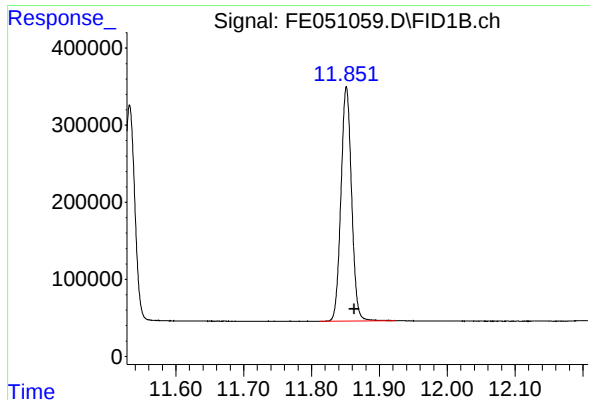
#7 n-Hexadecane (C16)

R.T.: 10.091 min  
Delta R.T.: -0.012 min  
Response: 3164914  
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

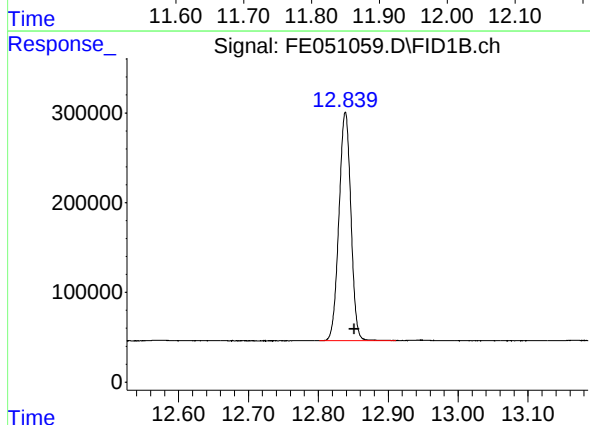
R.T.: 11.532 min  
Delta R.T.: -0.012 min  
Response: 3161924  
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

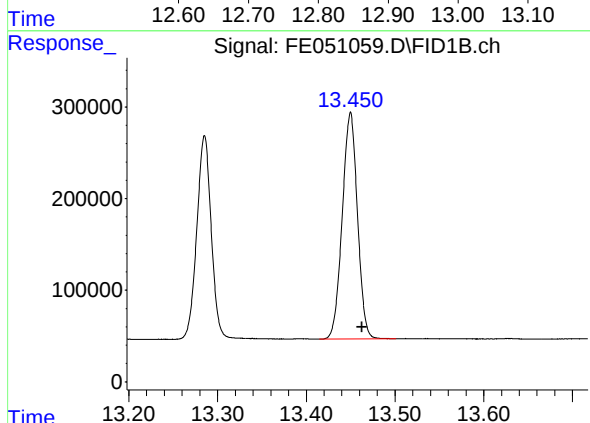
R.T.: 11.851 min  
Delta R.T.: -0.012 min  
Response: 3300854  
Conc: 20.94 ug/ml

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



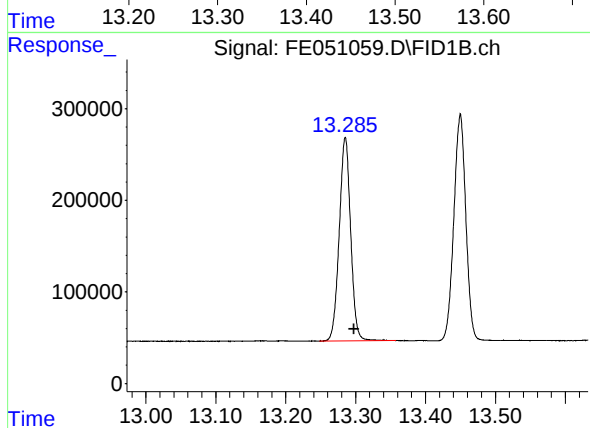
#10 n-Eicosane (C20)

R.T.: 12.839 min  
Delta R.T.: -0.013 min  
Response: 3014051  
Conc: 21.02 ug/ml



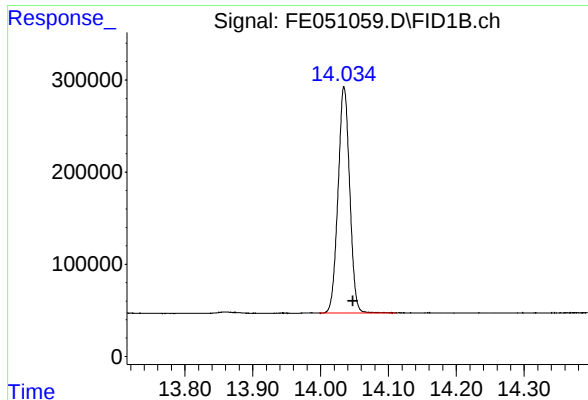
#11 n-Heneicosane (C21)

R.T.: 13.450 min  
Delta R.T.: -0.013 min  
Response: 2947360  
Conc: 20.99 ug/ml



#12 1-chlorooctadecane (SURR)

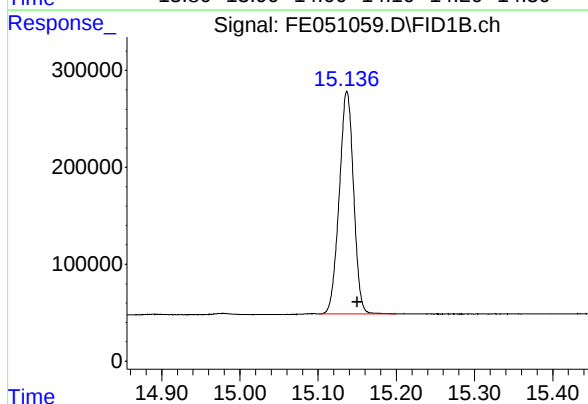
R.T.: 13.285 min  
Delta R.T.: -0.013 min  
Response: 2514351  
Conc: 21.26 ug/ml



#13 n-Docosane (C22)

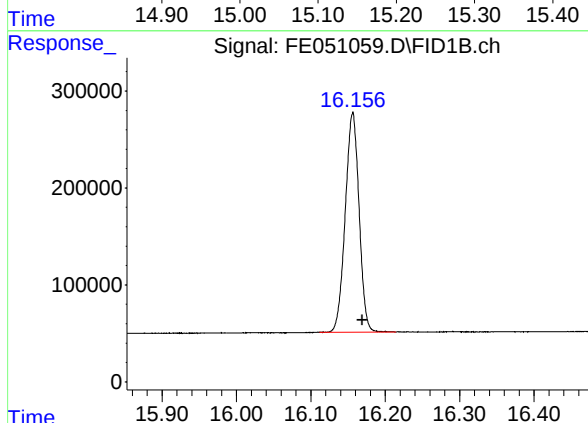
R.T.: 14.035 min  
Delta R.T.: -0.013 min  
Response: 2930103  
Conc: 20.89 ug/ml

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



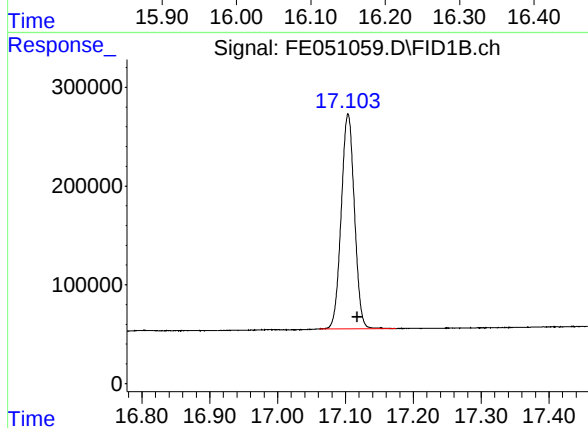
#14 n-Tetracosane (C24)

R.T.: 15.137 min  
Delta R.T.: -0.013 min  
Response: 2923163  
Conc: 20.69 ug/ml



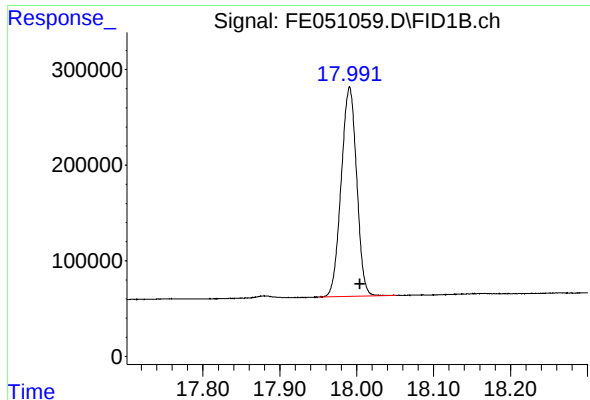
#15 n-Hexacosane (C26)

R.T.: 16.156 min  
Delta R.T.: -0.013 min  
Response: 2926222  
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

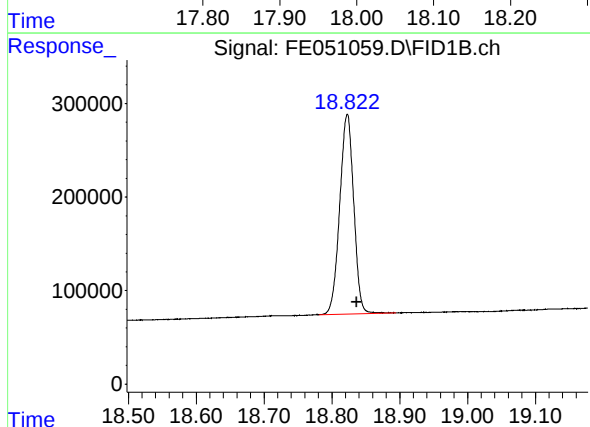
R.T.: 17.104 min  
Delta R.T.: -0.013 min  
Response: 2941331  
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

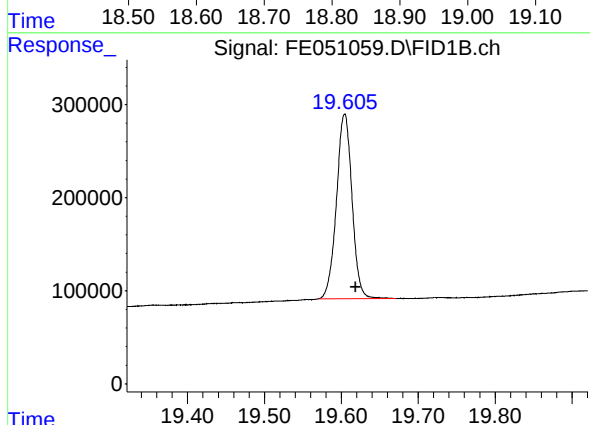
R.T.: 17.991 min  
Delta R.T.: -0.014 min  
Response: 3052294  
Conc: 19.20 ug/ml

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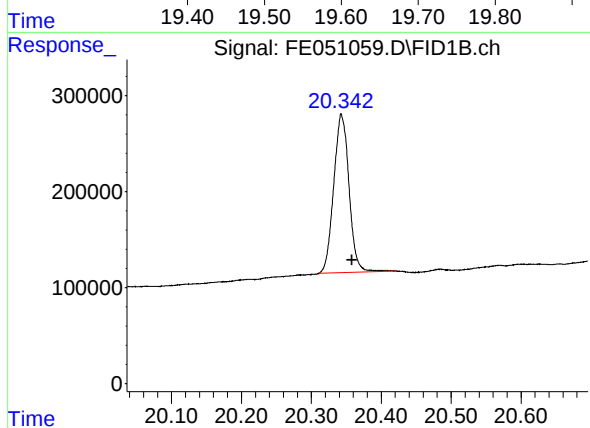
#18 n-Dotriacontane (C32)

R.T.: 18.823 min  
Delta R.T.: -0.014 min  
Response: 3060349  
Conc: 18.88 ug/ml



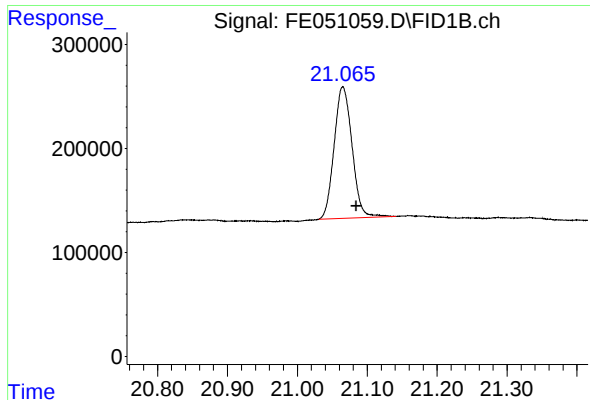
#19 n-Tetatriacontane (C34)

R.T.: 19.604 min  
Delta R.T.: -0.014 min  
Response: 2783132  
Conc: 18.95 ug/ml



#20 n-Hexatriacontane (C36)

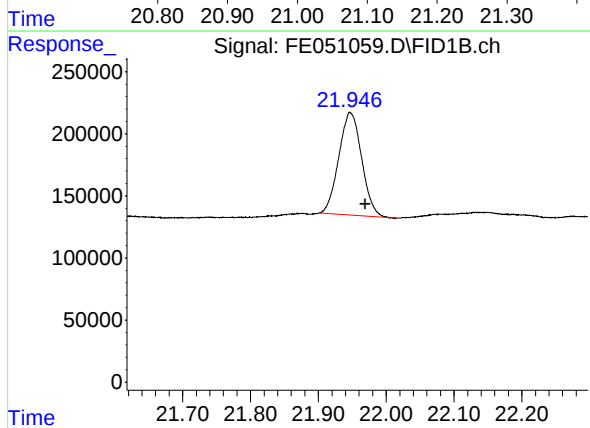
R.T.: 20.343 min  
Delta R.T.: -0.015 min  
Response: 2509161  
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.065 min  
Delta R.T.: -0.019 min  
Response: 2247387  
Conc: 18.18 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.947 min  
Delta R.T.: -0.022 min  
Response: 1938744  
Conc: 17.41 ug/ml