

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091024AL\  
 Data File : FE049978.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Sep 2024 16:16  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Sep 09 16:47:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 16:47:41 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 | 1529745    | 10.505 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.01%       |
| 12) S 1-chlorooctadecane (S... | 13.312 | 1138596    | 10.302 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.60%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.266  | 1379517    | 10.384 ug/ml |
| 2) T n-Decane (C10)            | 4.516  | 1405573    | 10.387 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 1397049    | 10.021 ug/ml |
| 4) T n-Dodecane (C12)          | 6.684  | 1408364    | 10.368 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.322  | 1305462    | 9.957 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.510  | 1386403    | 10.383 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.117 | 1419476    | 10.391 ug/ml |
| 8) T n-Octadecane (C18)        | 11.558 | 1437108    | 10.460 ug/ml |
| 10) T n-Eicosane (C20)         | 12.867 | 1380445    | 10.508 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.477 | 1347634    | 10.465 ug/ml |
| 13) T n-Docosane (C22)         | 14.063 | 1337969    | 10.484 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.165 | 1339222    | 10.519 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.184 | 1313673    | 10.485 ug/ml |
| 16) T n-Octacosane (C28)       | 17.132 | 1320844    | 10.529 ug/ml |
| 17) T n-Tricontane (C30)       | 18.021 | 1381343    | 10.650 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.852 | 1375776    | 10.681 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.635 | 1269997    | 10.621 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.375 | 1131419    | 10.502 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.101 | 1126344    | 10.467 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.992 | 1129689    | 10.592 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

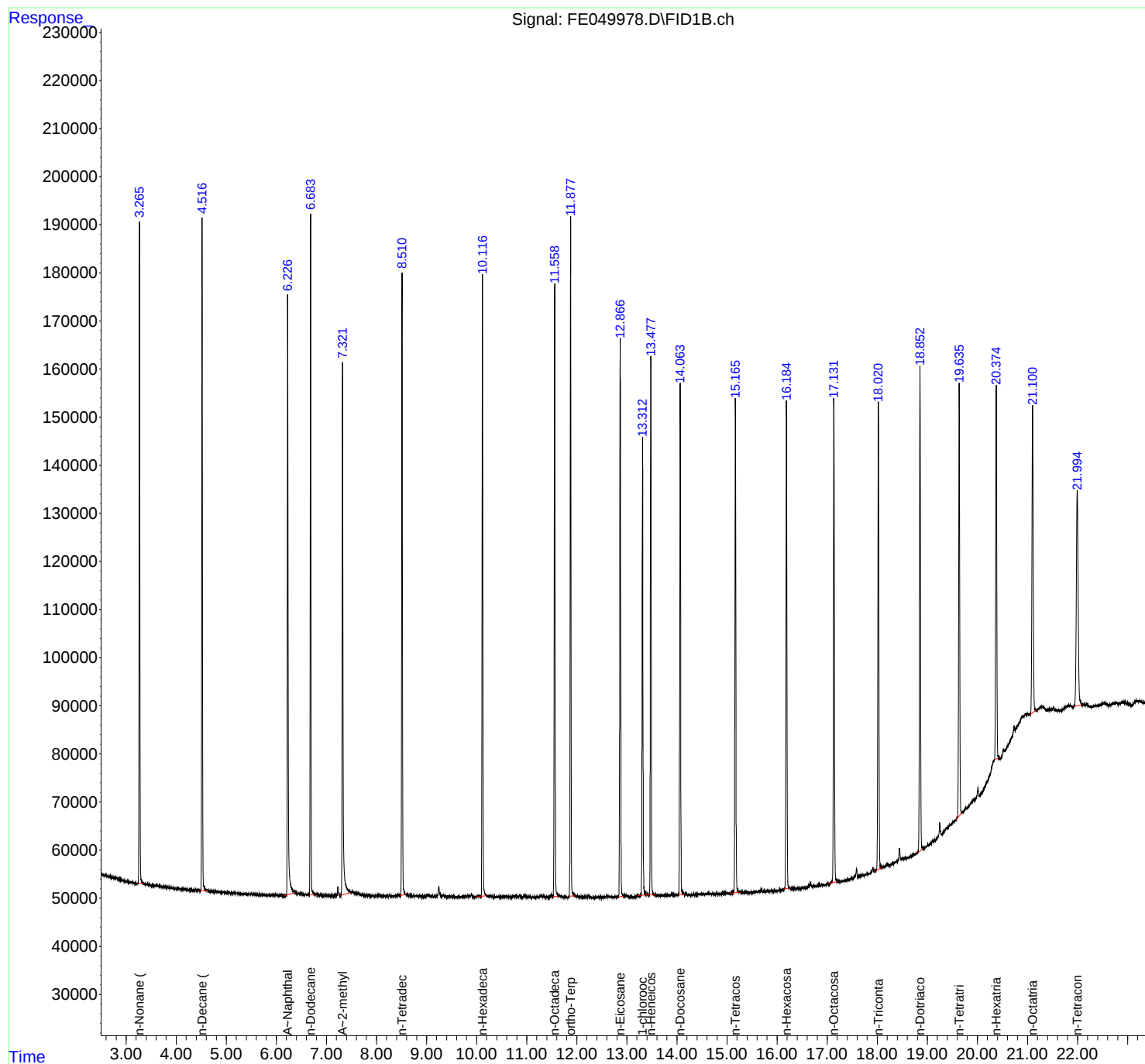
(m)=manual int.

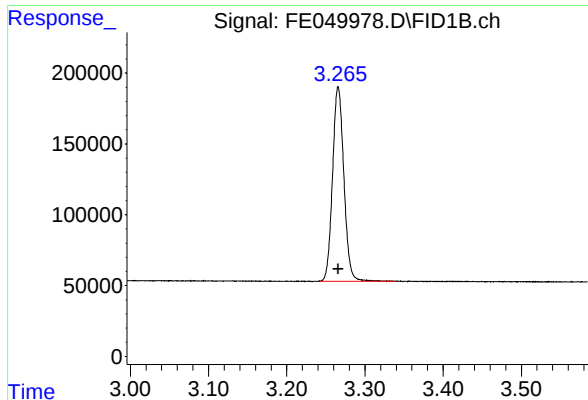
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091024AL\  
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Acq On : 09 Sep 2024 16:16  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

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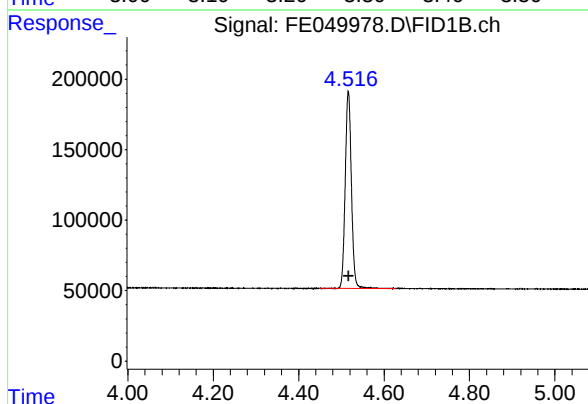




#1 n-Nonane (C9)

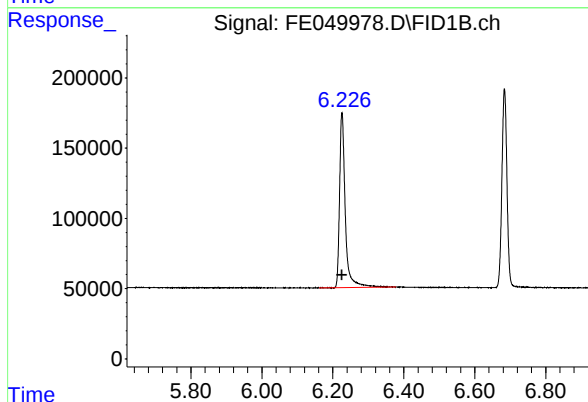
R.T.: 3.266 min  
Delta R.T.: 0.000 min  
Response: 1379517  
Conc: 10.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



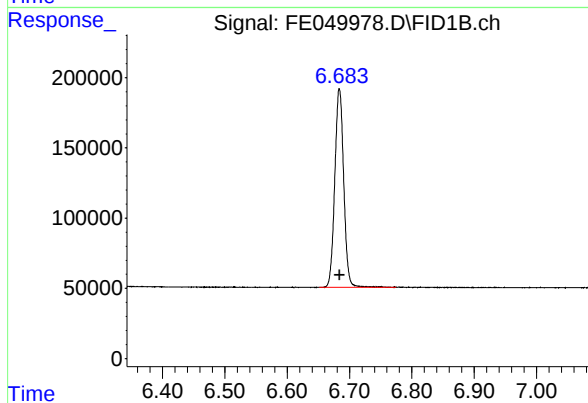
#2 n-Decane (C10)

R.T.: 4.516 min  
Delta R.T.: 0.000 min  
Response: 1405573  
Conc: 10.39 ug/ml



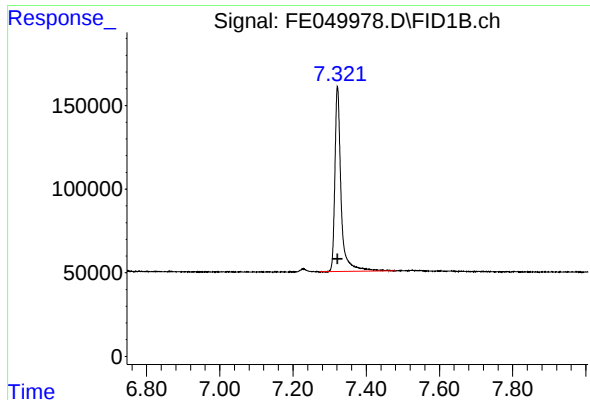
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 1397049  
Conc: 10.02 ug/ml



#4 n-Dodecane (C12)

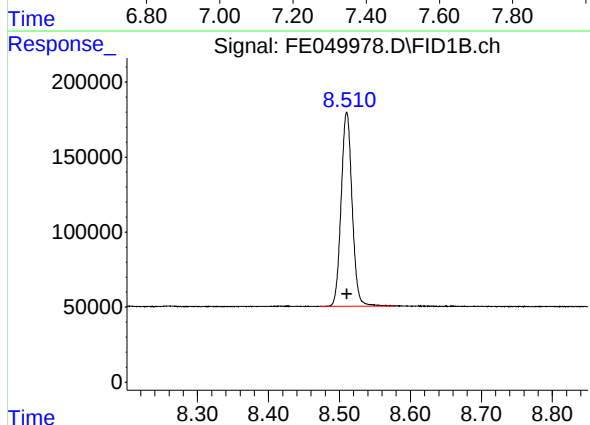
R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 1408364  
Conc: 10.37 ug/ml



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

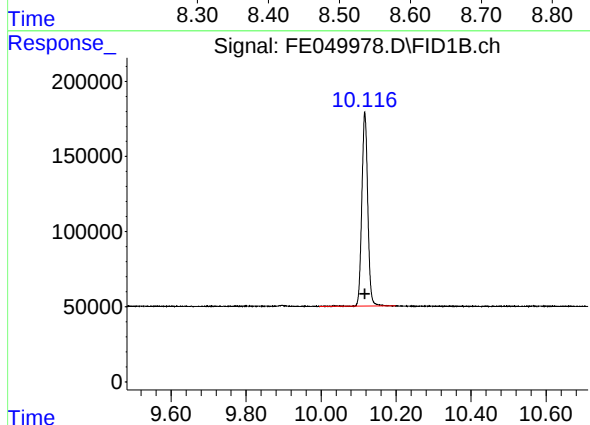
R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 1305462  
Conc: 9.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



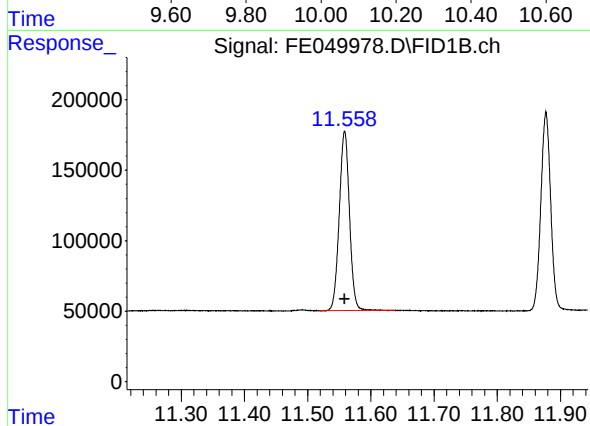
#6 n-Tetradecane (C14)

R.T.: 8.510 min  
Delta R.T.: 0.000 min  
Response: 1386403  
Conc: 10.38 ug/ml



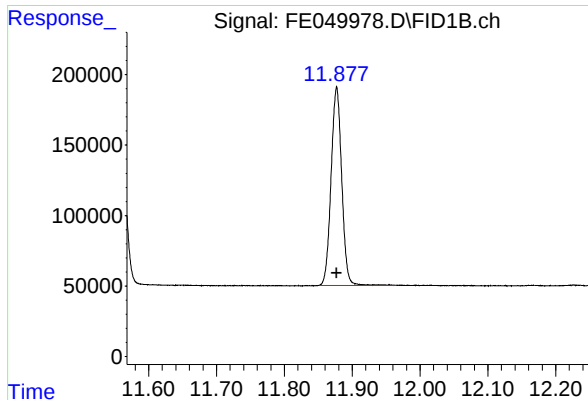
#7 n-Hexadecane (C16)

R.T.: 10.117 min  
Delta R.T.: 0.000 min  
Response: 1419476  
Conc: 10.39 ug/ml



#8 n-Octadecane (C18)

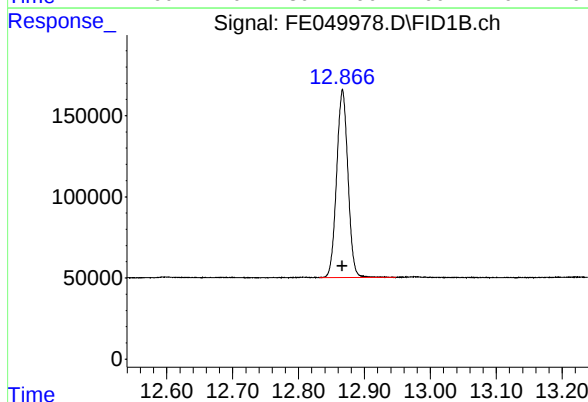
R.T.: 11.558 min  
Delta R.T.: 0.000 min  
Response: 1437108  
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

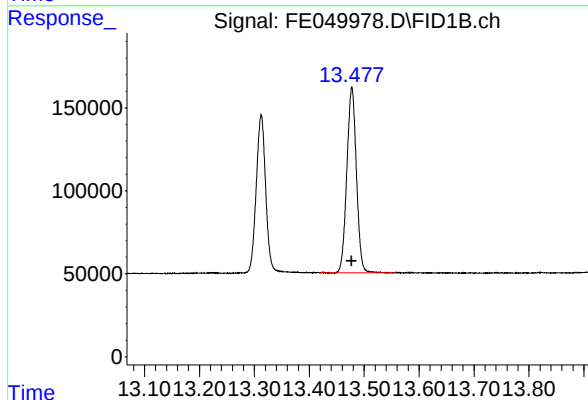
R.T.: 11.877 min  
Delta R.T.: 0.000 min  
Response: 1529745  
Conc: 10.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



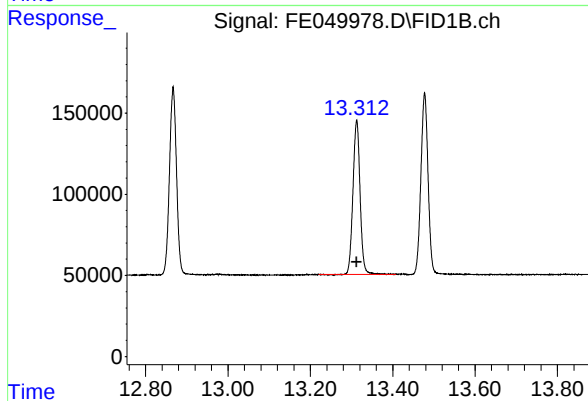
#10 n-Eicosane (C20)

R.T.: 12.867 min  
Delta R.T.: 0.000 min  
Response: 1380445  
Conc: 10.51 ug/ml



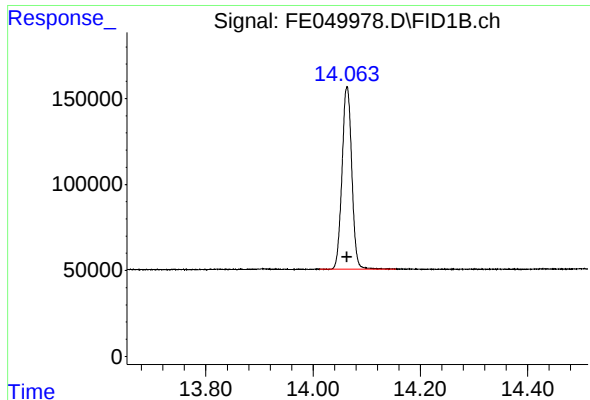
#11 n-Heneicosane (C21)

R.T.: 13.477 min  
Delta R.T.: 0.000 min  
Response: 1347634  
Conc: 10.47 ug/ml



#12 1-chlorooctadecane (SURR)

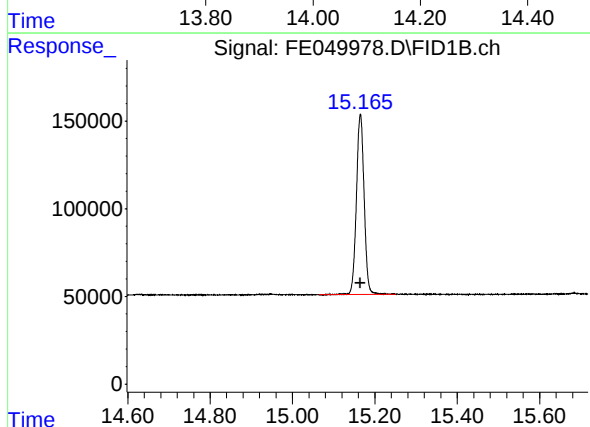
R.T.: 13.312 min  
Delta R.T.: 0.000 min  
Response: 1138596  
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

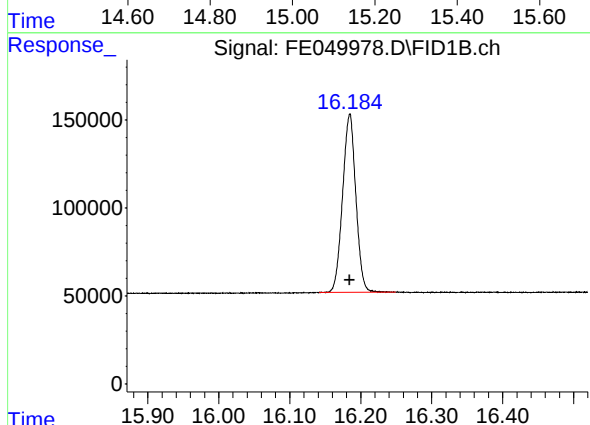
R.T.: 14.063 min  
Delta R.T.: 0.000 min  
Response: 1337969  
Conc: 10.48 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



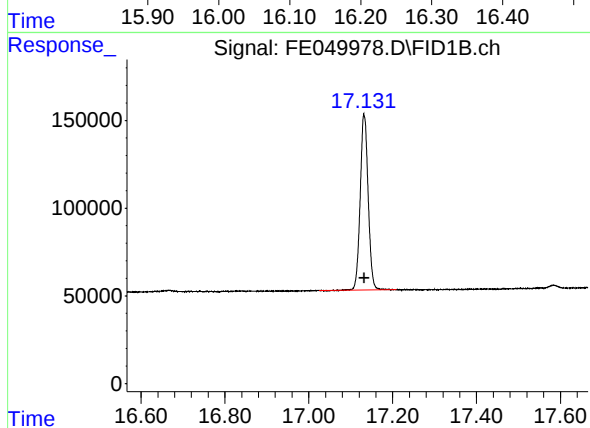
#14 n-Tetracosane (C24)

R.T.: 15.165 min  
Delta R.T.: 0.000 min  
Response: 1339222  
Conc: 10.52 ug/ml



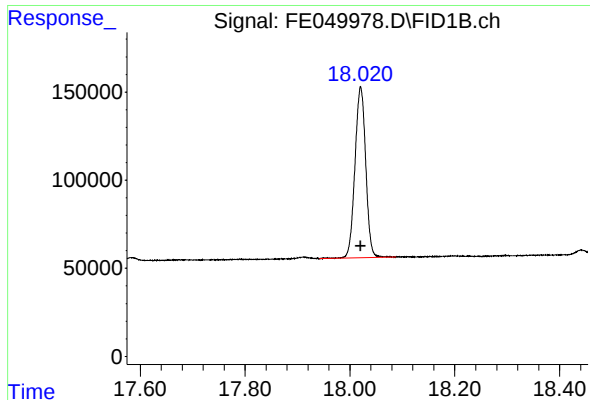
#15 n-Hexacosane (C26)

R.T.: 16.184 min  
Delta R.T.: 0.000 min  
Response: 1313673  
Conc: 10.48 ug/ml



#16 n-Octacosane (C28)

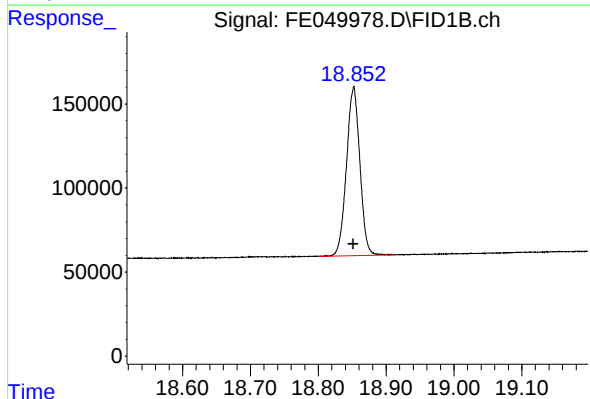
R.T.: 17.132 min  
Delta R.T.: 0.000 min  
Response: 1320844  
Conc: 10.53 ug/ml



#17 n-Tricontane (C30)

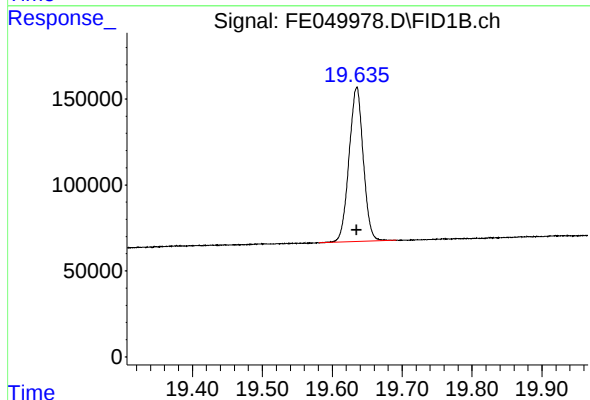
R.T.: 18.021 min  
Delta R.T.: 0.000 min  
Response: 1381343  
Conc: 10.65 ug/ml

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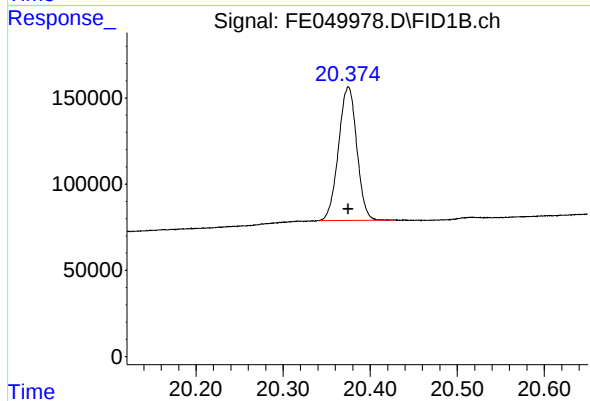
#18 n-Dotriacontane (C32)

R.T.: 18.852 min  
Delta R.T.: 0.000 min  
Response: 1375776  
Conc: 10.68 ug/ml



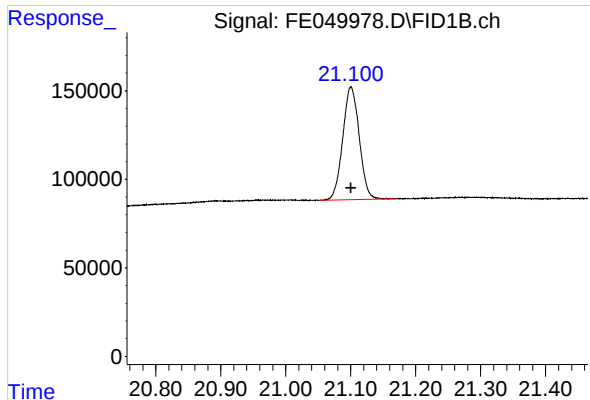
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min  
Delta R.T.: 0.000 min  
Response: 1269997  
Conc: 10.62 ug/ml



#20 n-Hexatriacontane (C36)

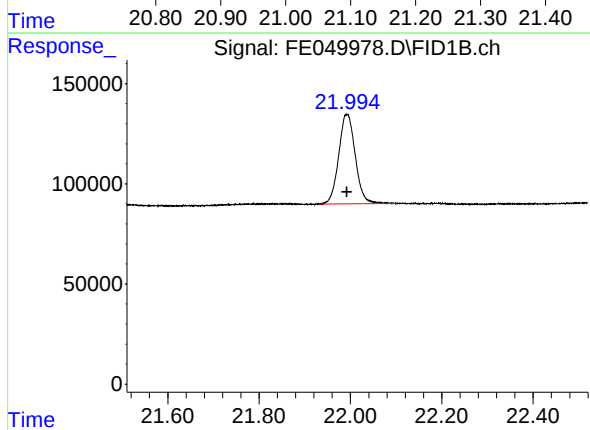
R.T.: 20.375 min  
Delta R.T.: 0.000 min  
Response: 1131419  
Conc: 10.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min  
Delta R.T.: 0.000 min  
Response: 1126344  
Conc: 10.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.992 min  
Delta R.T.: 0.000 min  
Response: 1129689  
Conc: 10.59 ug/ml