

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121024AL\  
 Data File : FE051605.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Dec 2024 13:06  
 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: Dec 11 02:04:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 02 14:18:35 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)    | 11.829 | 2634010    | 17.430 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.86%       |
| 12) S 1-chlorooctadecane (S... | 13.262 | 2013639    | 18.019 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.04%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.218  | 2420452    | 17.270 ug/ml |
| 2) T n-Decane (C10)            | 4.466  | 2514041    | 17.728 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.182  | 2302894    | 17.421 ug/ml |
| 4) T n-Dodecane (C12)          | 6.634  | 2530325    | 17.776 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.278  | 2124448    | 17.709 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.460  | 2483395    | 17.815 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.067 | 2529013    | 17.800 ug/ml |
| 8) T n-Octadecane (C18)        | 11.507 | 2525364    | 17.573 ug/ml |
| 10) T n-Eicosane (C20)         | 12.815 | 2418529    | 17.520 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.426 | 2368782    | 17.476 ug/ml |
| 13) T n-Docosane (C22)         | 14.011 | 2342530    | 17.494 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.112 | 2333770    | 17.662 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.132 | 2322948    | 17.913 ug/ml |
| 16) T n-Octacosane (C28)       | 17.080 | 2346655    | 18.406 ug/ml |
| 17) T n-Tricontane (C30)       | 17.967 | 2463512    | 19.026 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.799 | 2442946    | 19.514 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.581 | 2193725    | 19.424 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.321 | 1971234    | 20.468 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.042 | 1843226    | 20.245 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.916 | 1795573    | 20.489 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

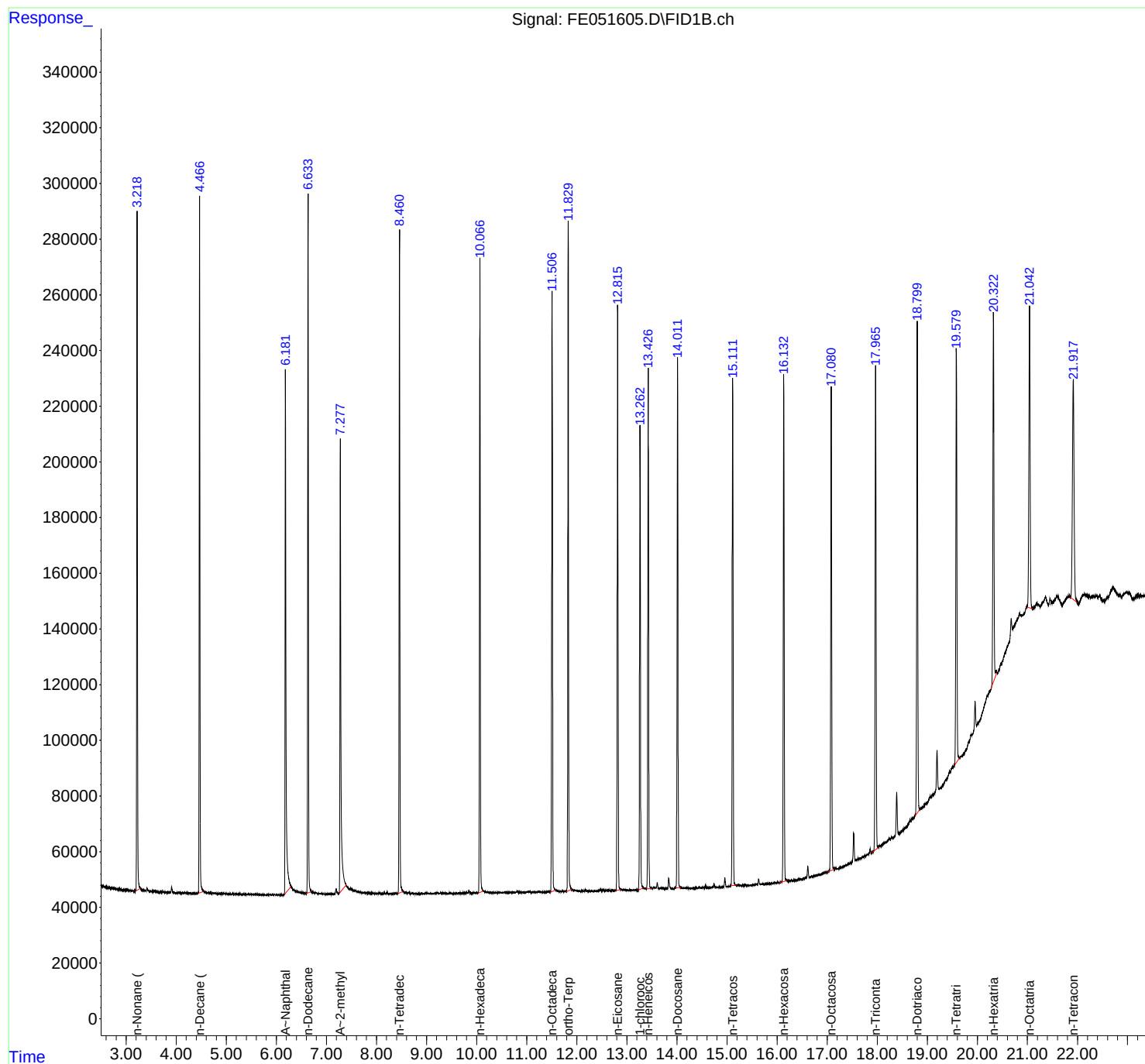
(m)=manual int.

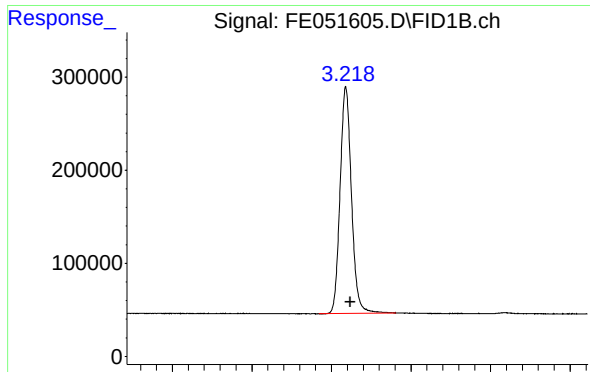
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121024AL\  
Data File : FE051605.D  
Signal(s) : FID1B.ch  
Acq On : 10 Dec 2024 13:06  
Operator : YP\AJ  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Mon Dec 02 14:18:35 2024  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

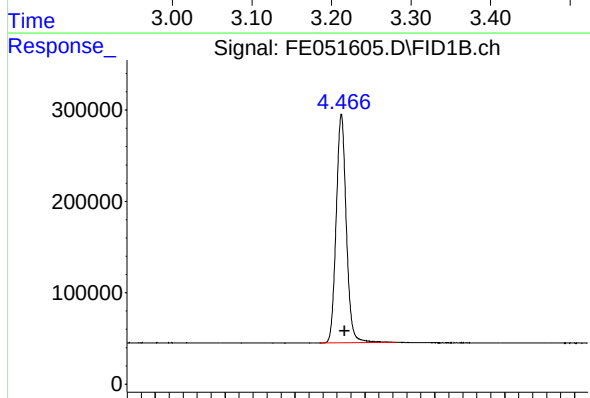




#1 n-Nonane (C9)

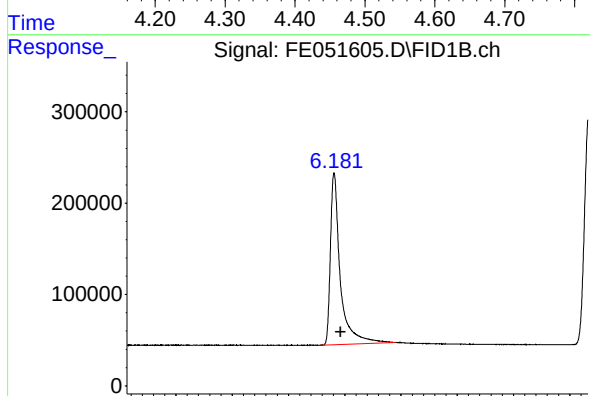
R.T.: 3.218 min  
Delta R.T.: -0.006 min  
Response: 2420452  
Conc: 17.27 ug/ml

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



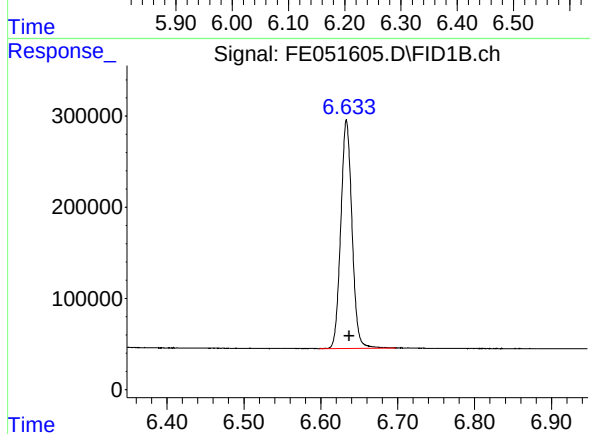
#2 n-Decane (C10)

R.T.: 4.466 min  
Delta R.T.: -0.005 min  
Response: 2514041  
Conc: 17.73 ug/ml



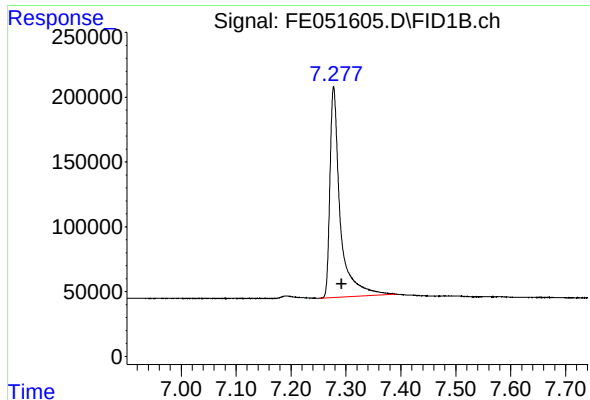
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min  
Delta R.T.: -0.011 min  
Response: 2302894  
Conc: 17.42 ug/ml



#4 n-Dodecane (C12)

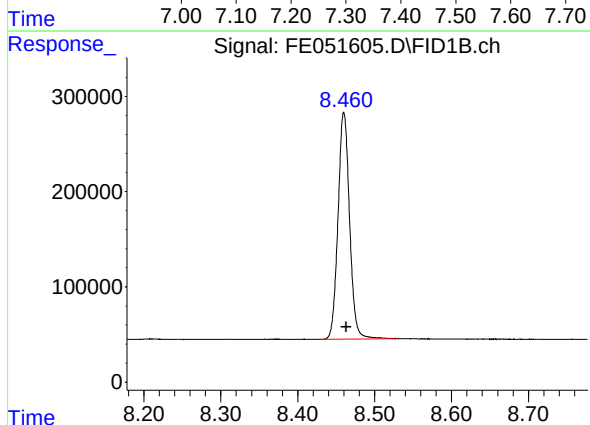
R.T.: 6.634 min  
Delta R.T.: -0.003 min  
Response: 2530325  
Conc: 17.78 ug/ml



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

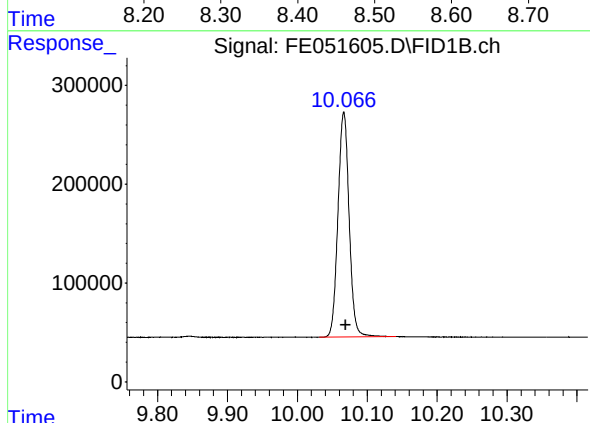
R.T.: 7.278 min  
Delta R.T.: -0.014 min  
Response: 2124448  
Conc: 17.71 ug/ml

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



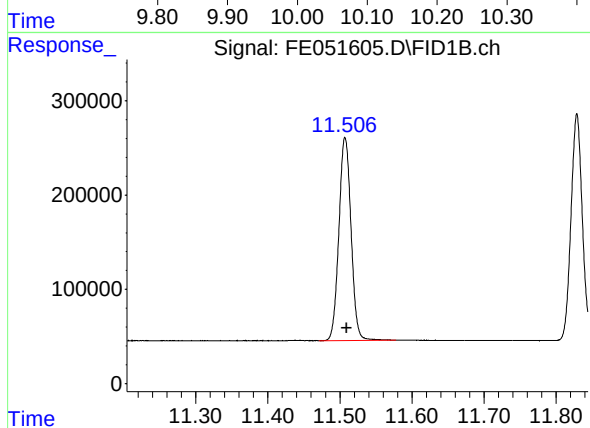
#6 n-Tetradecane (C14)

R.T.: 8.460 min  
Delta R.T.: -0.003 min  
Response: 2483395  
Conc: 17.82 ug/ml



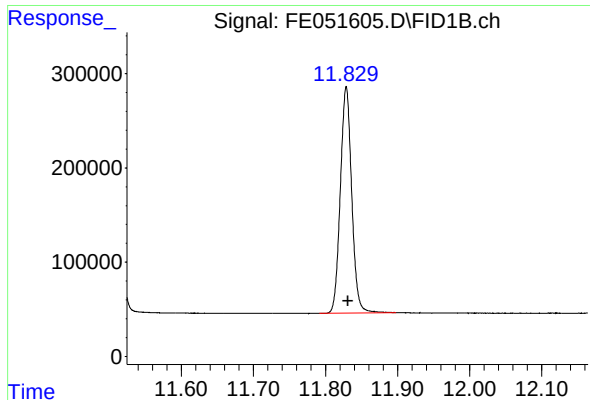
#7 n-Hexadecane (C16)

R.T.: 10.067 min  
Delta R.T.: -0.003 min  
Response: 2529013  
Conc: 17.80 ug/ml



#8 n-Octadecane (C18)

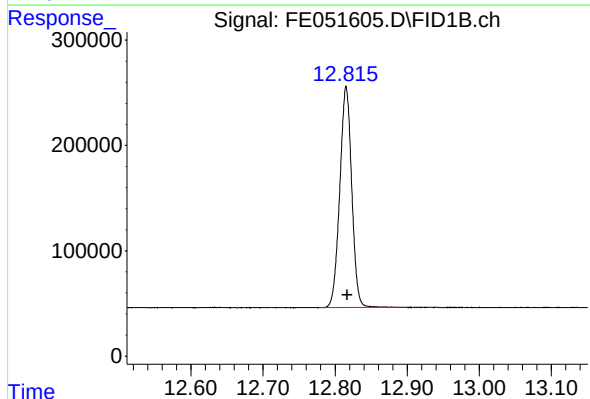
R.T.: 11.507 min  
Delta R.T.: -0.002 min  
Response: 2525364  
Conc: 17.57 ug/ml



#9 ortho-Terphenyl (SURR)

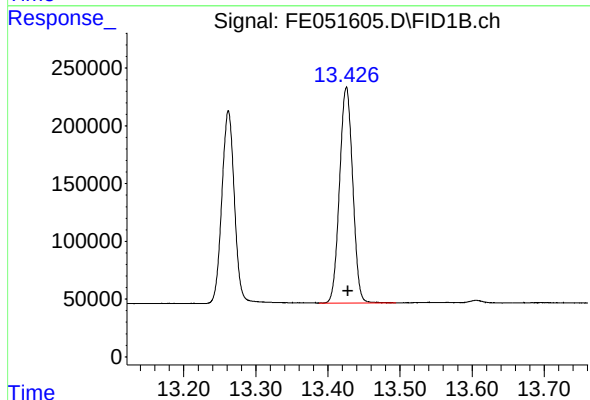
R.T.: 11.829 min  
Delta R.T.: -0.002 min  
Response: 2634010  
Conc: 17.43 ug/ml

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



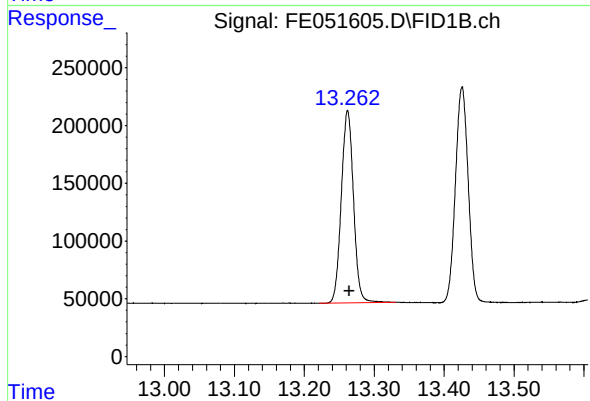
#10 n-Eicosane (C20)

R.T.: 12.815 min  
Delta R.T.: -0.001 min  
Response: 2418529  
Conc: 17.52 ug/ml



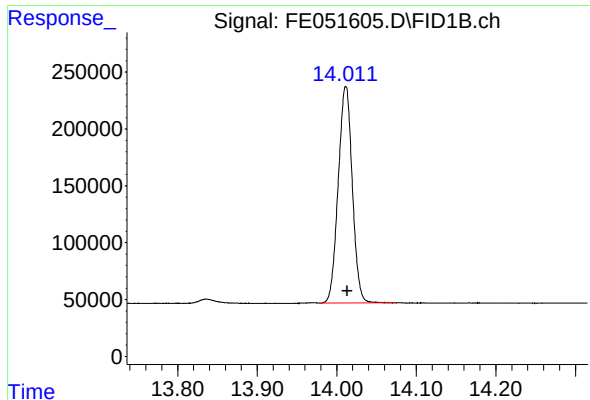
#11 n-Heneicosane (C21)

R.T.: 13.426 min  
Delta R.T.: -0.002 min  
Response: 2368782  
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

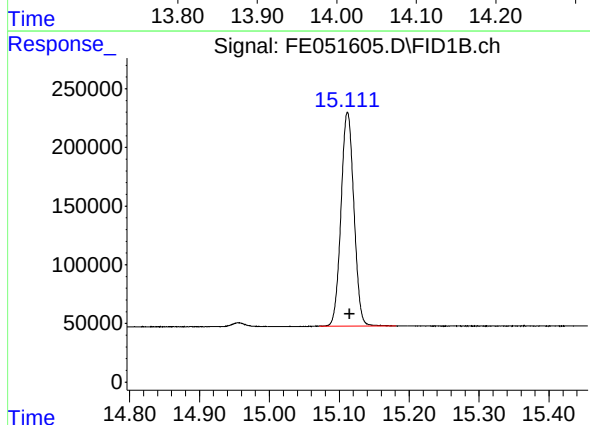
R.T.: 13.262 min  
Delta R.T.: -0.002 min  
Response: 2013639  
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

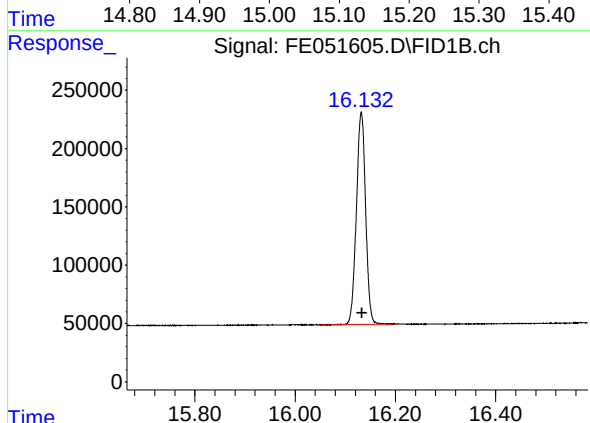
R.T.: 14.011 min  
Delta R.T.: -0.002 min  
Response: 2342530  
Conc: 17.49 ug/ml

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



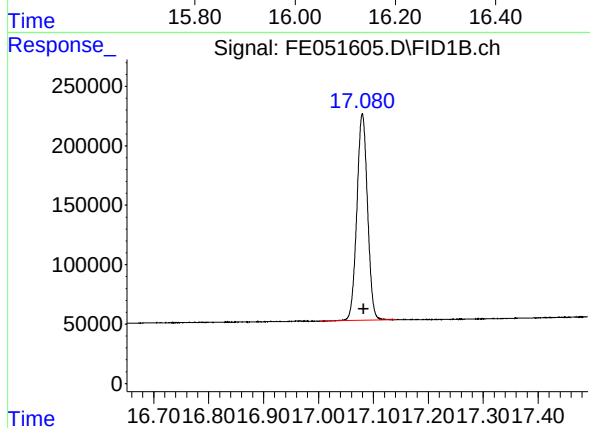
#14 n-Tetracosane (C24)

R.T.: 15.112 min  
Delta R.T.: -0.003 min  
Response: 2333770  
Conc: 17.66 ug/ml



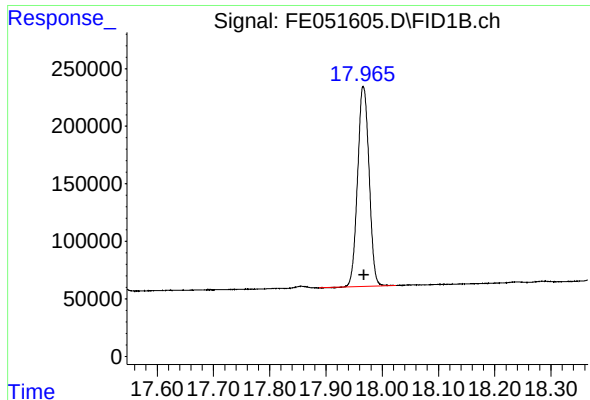
#15 n-Hexacosane (C26)

R.T.: 16.132 min  
Delta R.T.: -0.001 min  
Response: 2322948  
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

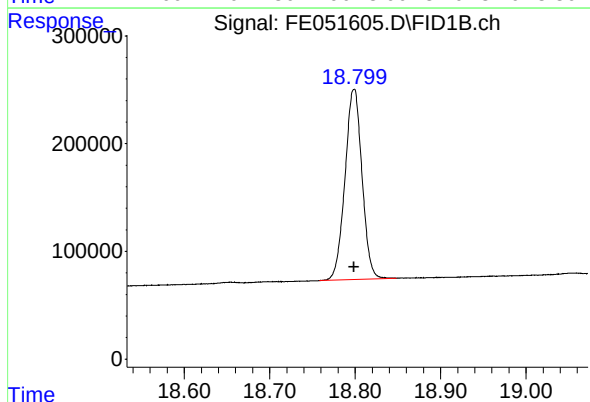
R.T.: 17.080 min  
Delta R.T.: -0.002 min  
Response: 2346655  
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

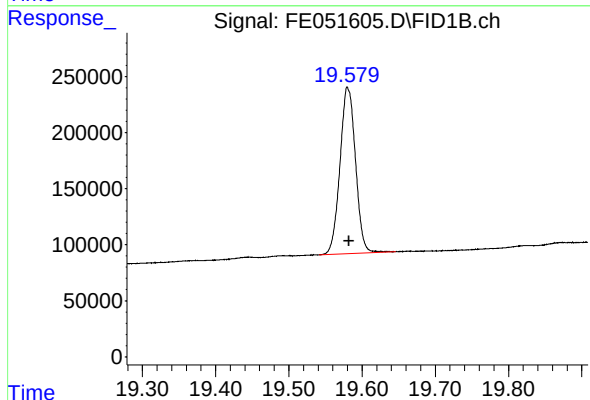
R.T.: 17.967 min  
Delta R.T.: 0.000 min  
Response: 2463512  
Conc: 19.03 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



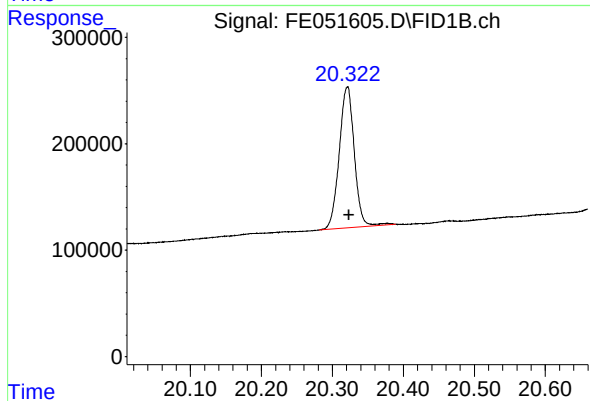
#18 n-Dotriacontane (C32)

R.T.: 18.799 min  
Delta R.T.: 0.000 min  
Response: 2442946  
Conc: 19.51 ug/ml



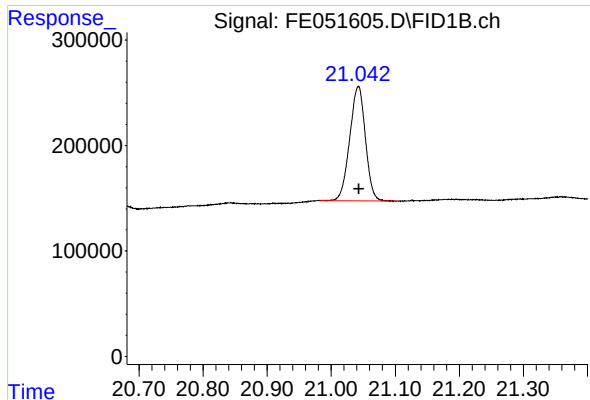
#19 n-Tetratriacontane (C34)

R.T.: 19.581 min  
Delta R.T.: -0.001 min  
Response: 2193725  
Conc: 19.42 ug/ml



#20 n-Hexatriacontane (C36)

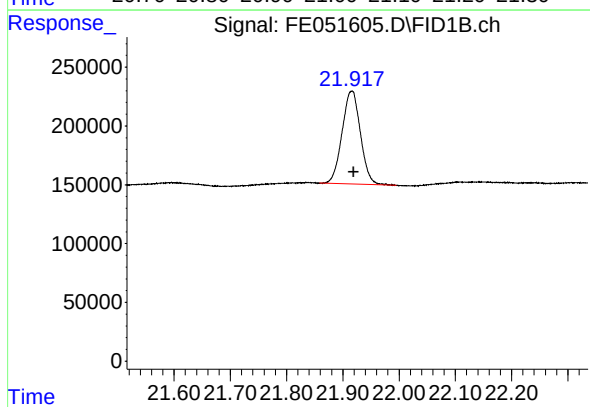
R.T.: 20.321 min  
Delta R.T.: -0.002 min  
Response: 1971234  
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.042 min  
Delta R.T.: -0.001 min  
Response: 1843226  
Conc: 20.25 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.916 min  
Delta R.T.: -0.004 min  
Response: 1795573  
Conc: 20.49 ug/ml