

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE033125AL\  
 Data File : FE053067.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 Mar 2025 12:00  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 31 12:34:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 31 02:44:53 2025  
 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)    | 11.899 | 3473253    | 21.324 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.65%       |
| 12) S 1-chlorooctadecane (S... | 13.344 | 2428096    | 20.227 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.241  | 3255858    | 21.027 ug/ml |
| 2) T n-Decane (C10)            | 4.503  | 3339052    | 21.287 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.216  | 3576861    | 21.292 ug/ml |
| 4) T n-Dodecane (C12)          | 6.684  | 3327696    | 21.277 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.318  | 3418372    | 21.424 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.520  | 3261617    | 21.302 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.135 | 3325358    | 21.573 ug/ml |
| 8) T n-Octadecane (C18)        | 11.583 | 3288492    | 21.682 ug/ml |
| 10) T n-Eicosane (C20)         | 12.898 | 3098146    | 21.730 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.512 | 3010245    | 21.692 ug/ml |
| 13) T n-Docosane (C22)         | 14.100 | 2985287    | 21.797 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.207 | 2943392    | 21.793 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.232 | 2890832    | 21.669 ug/ml |
| 16) T n-Octacosane (C28)       | 17.186 | 2857665    | 21.654 ug/ml |
| 17) T n-Tricontane (C30)       | 18.077 | 2937309    | 21.671 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.913 | 2888996    | 21.469 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.700 | 2718204    | 21.007 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.443 | 1811279    | 15.248 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.184 | 1960008    | 17.053 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.106 | 2430503    | 21.640 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

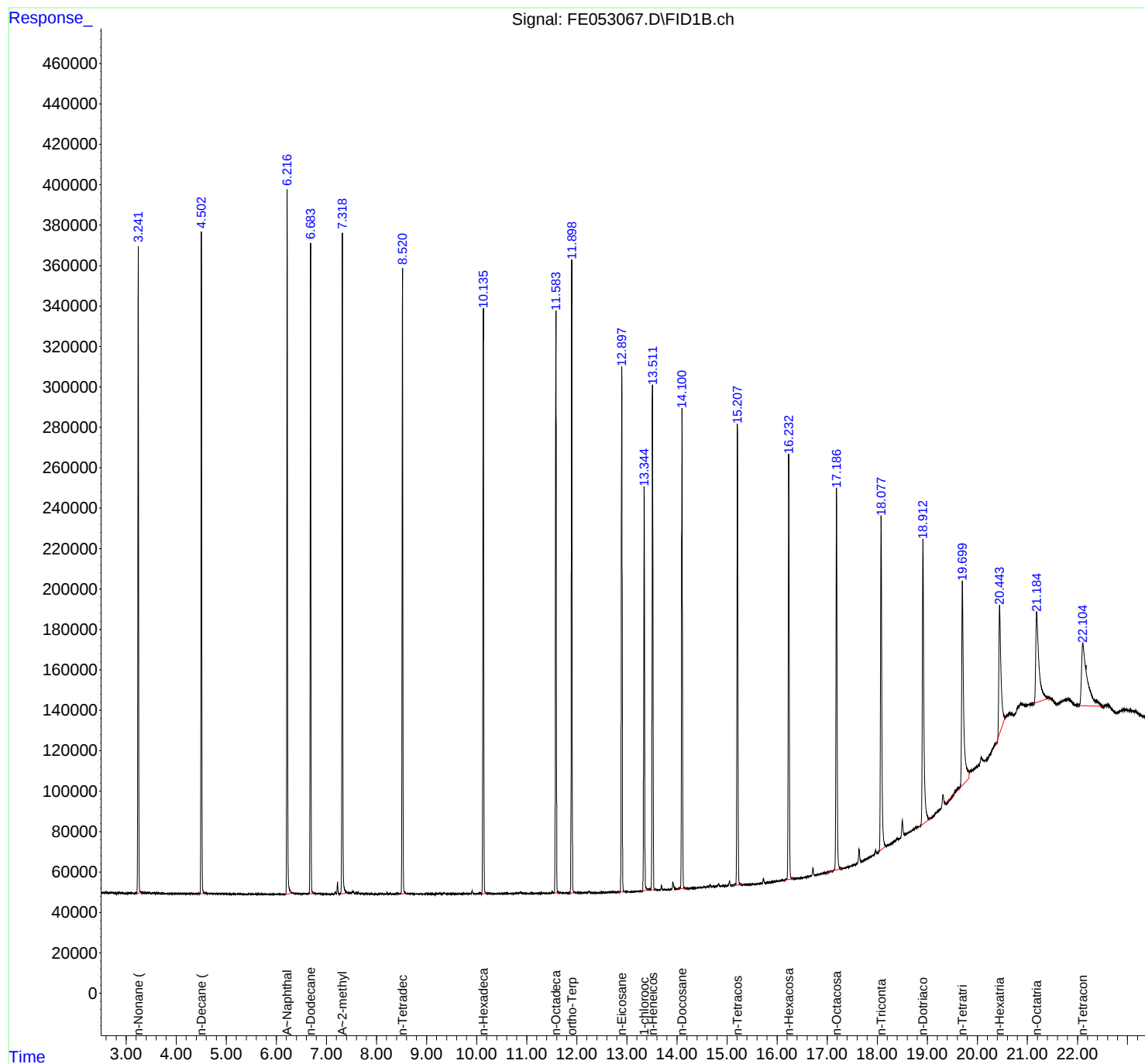
(m)=manual int.

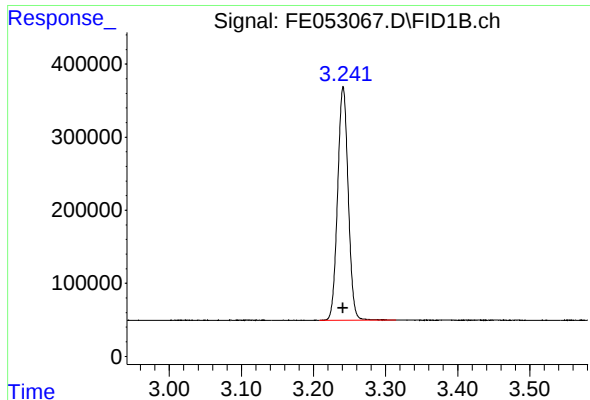
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE033125AL\  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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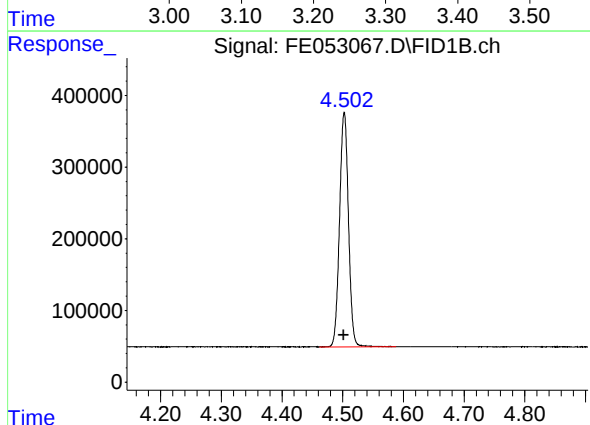




#1 n-Nonane (C9)

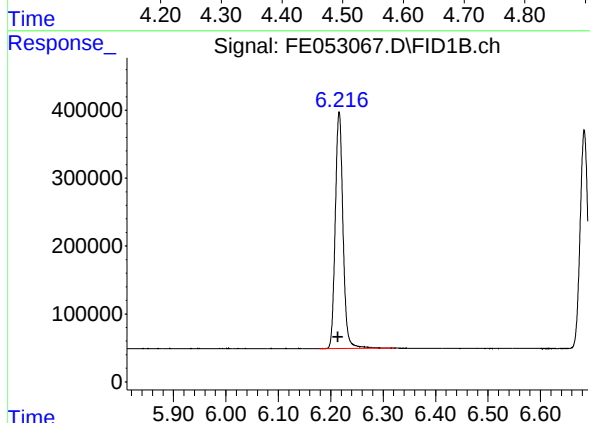
R.T.: 3.241 min  
Delta R.T.: 0.000 min  
Response: 3255858  
Conc: 21.03 ug/ml

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



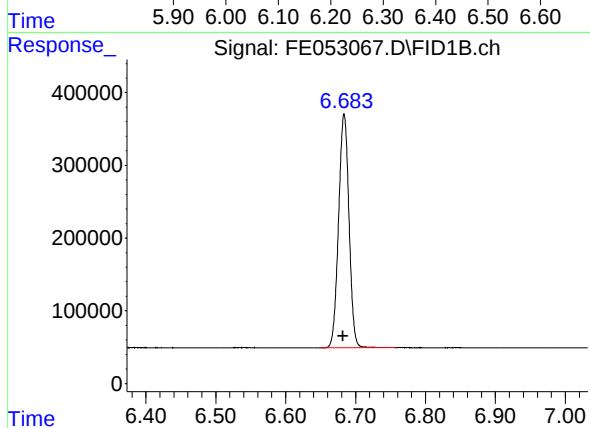
#2 n-Decane (C10)

R.T.: 4.503 min  
Delta R.T.: 0.000 min  
Response: 3339052  
Conc: 21.29 ug/ml



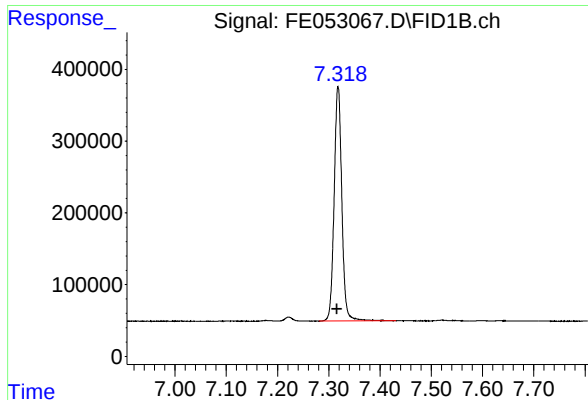
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min  
Delta R.T.: 0.002 min  
Response: 3576861  
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

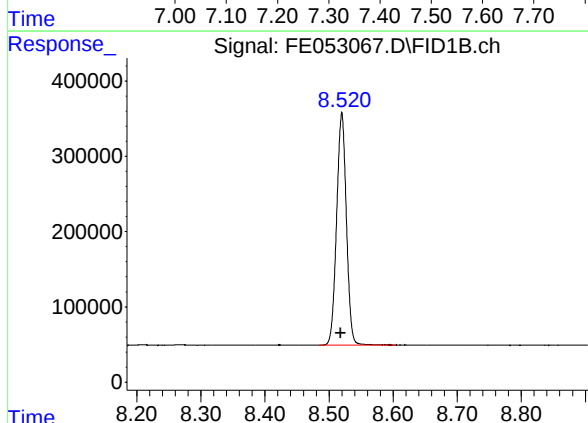
R.T.: 6.684 min  
Delta R.T.: 0.002 min  
Response: 3327696  
Conc: 21.28 ug/ml



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

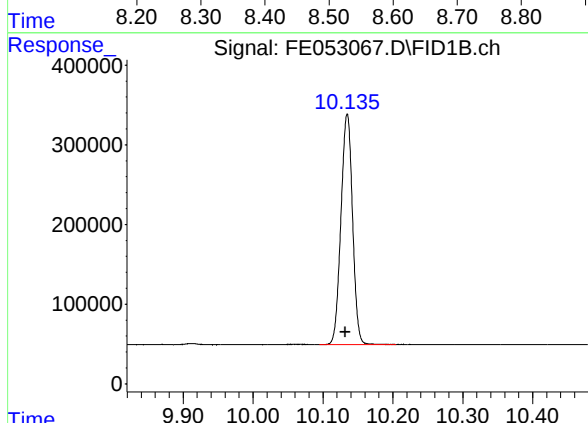
R.T.: 7.318 min  
Delta R.T.: 0.002 min  
Response: 3418372  
Conc: 21.42 ug/ml

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



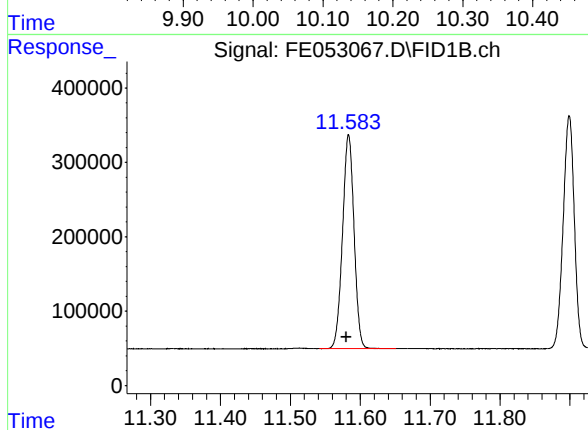
#6 n-Tetradecane (C14)

R.T.: 8.520 min  
Delta R.T.: 0.002 min  
Response: 3261617  
Conc: 21.30 ug/ml



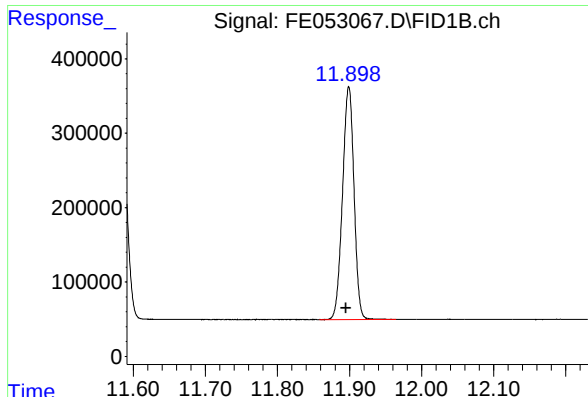
#7 n-Hexadecane (C16)

R.T.: 10.135 min  
Delta R.T.: 0.003 min  
Response: 3325358  
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

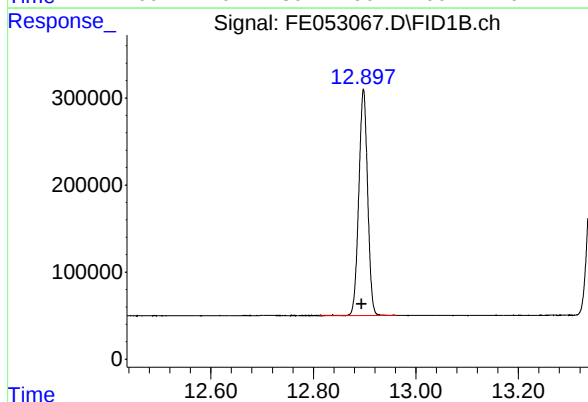
R.T.: 11.583 min  
Delta R.T.: 0.003 min  
Response: 3288492  
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

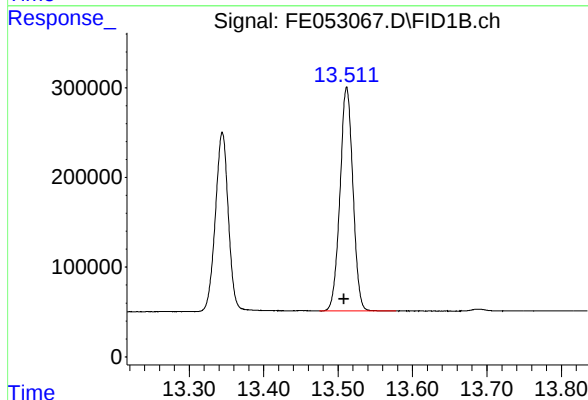
R.T.: 11.899 min  
Delta R.T.: 0.004 min  
Response: 3473253  
Conc: 21.32 ug/ml

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



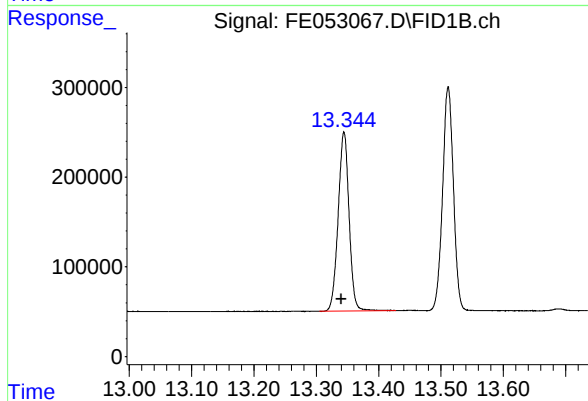
#10 n-Eicosane (C20)

R.T.: 12.898 min  
Delta R.T.: 0.004 min  
Response: 3098146  
Conc: 21.73 ug/ml



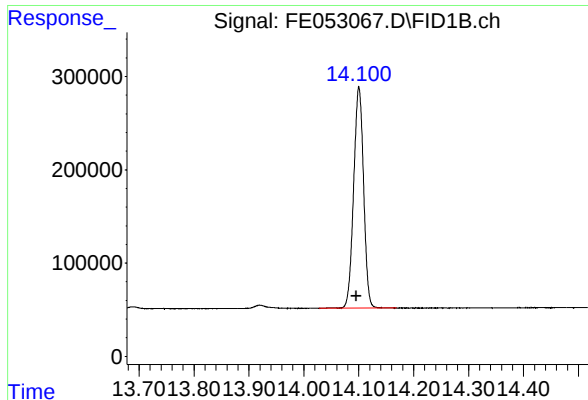
#11 n-Heneicosane (C21)

R.T.: 13.512 min  
Delta R.T.: 0.004 min  
Response: 3010245  
Conc: 21.69 ug/ml



#12 1-chlorooctadecane (SURR)

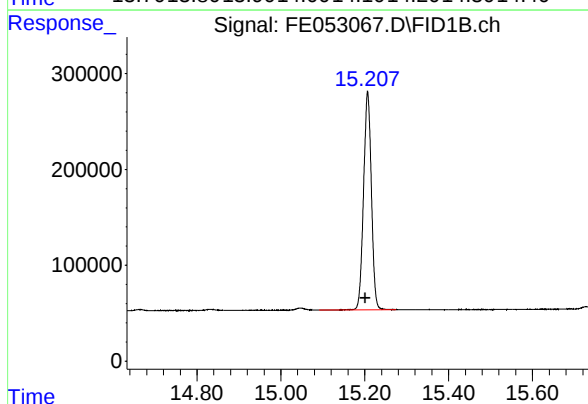
R.T.: 13.344 min  
Delta R.T.: 0.005 min  
Response: 2428096  
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

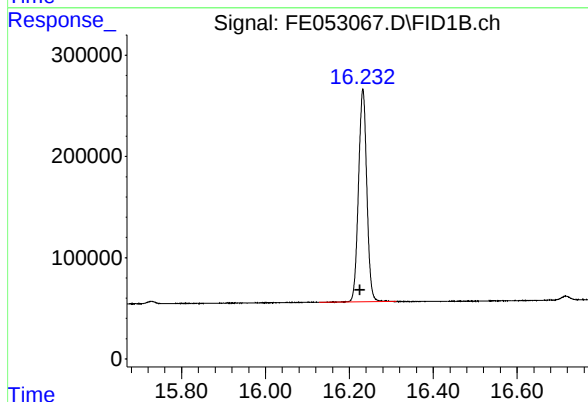
R.T.: 14.100 min  
Delta R.T.: 0.005 min  
Response: 2985287  
Conc: 21.80 ug/ml

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



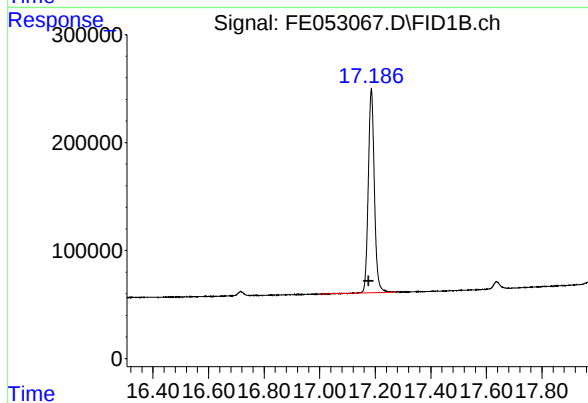
#14 n-Tetracosane (C24)

R.T.: 15.207 min  
Delta R.T.: 0.006 min  
Response: 2943392  
Conc: 21.79 ug/ml



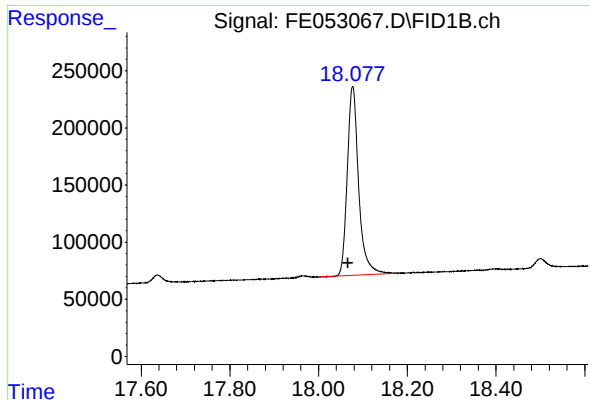
#15 n-Hexacosane (C26)

R.T.: 16.232 min  
Delta R.T.: 0.007 min  
Response: 2890832  
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

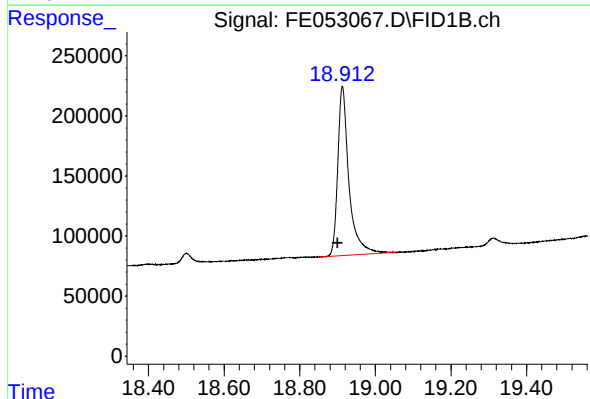
R.T.: 17.186 min  
Delta R.T.: 0.009 min  
Response: 2857665  
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

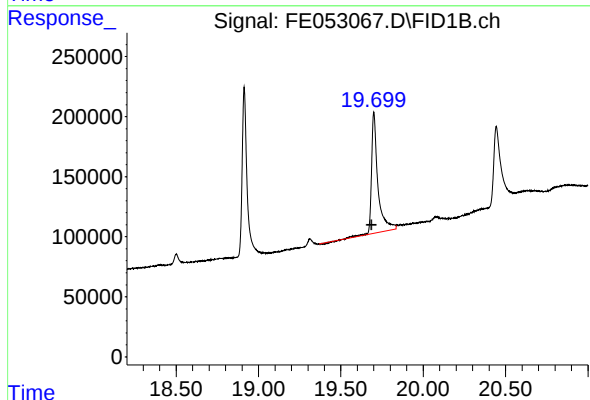
R.T.: 18.077 min  
Delta R.T.: 0.011 min  
Response: 2937309  
Conc: 21.67 ug/ml

Instrument :  
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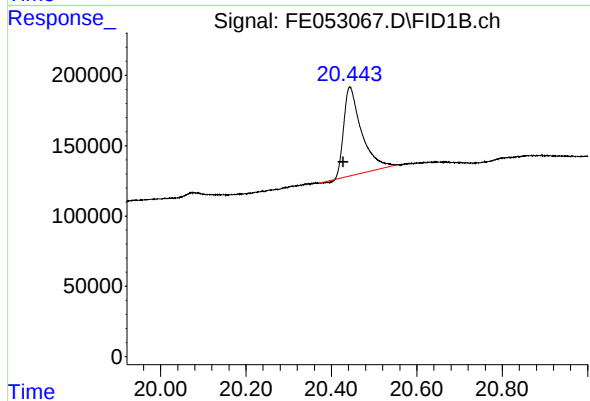
#18 n-Dotriacontane (C32)

R.T.: 18.913 min  
Delta R.T.: 0.012 min  
Response: 2888996  
Conc: 21.47 ug/ml



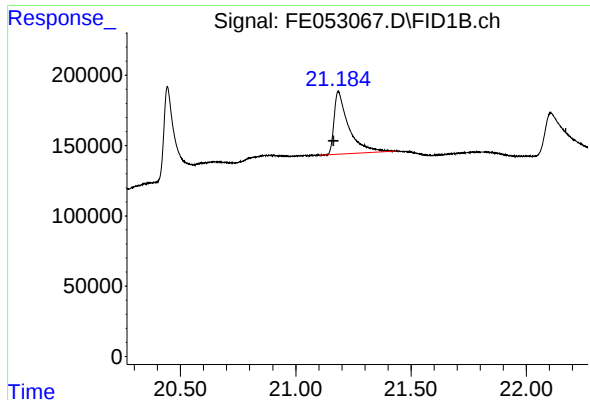
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min  
Delta R.T.: 0.014 min  
Response: 2718204  
Conc: 21.01 ug/ml



#20 n-Hexatriacontane (C36)

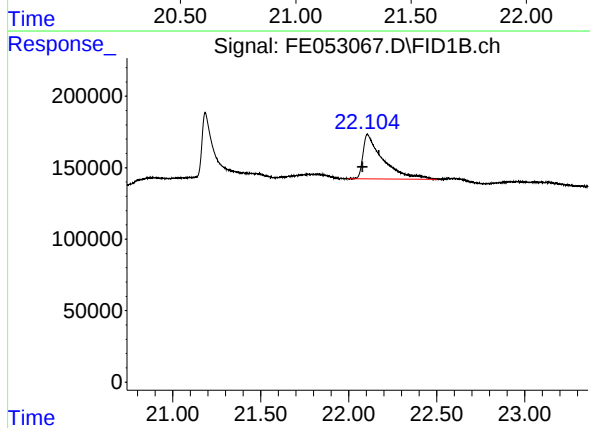
R.T.: 20.443 min  
Delta R.T.: 0.016 min  
Response: 1811279  
Conc: 15.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min  
Delta R.T.: 0.019 min  
Response: 1960008  
Conc: 17.05 ug/ml

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FID\_E  
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.106 min  
Delta R.T.: 0.027 min  
Response: 2430503  
Conc: 21.64 ug/ml