

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061424AL\  
 Data File : FE048716.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Jun 2024 07:01  
 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: Jun 14 10:52:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 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)    | 11.939 | 2688308    | 18.721 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.44%       |
| 12) S 1-chlorooctadecane (S... | 13.373 | 2014791    | 18.494 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.327  | 2506795    | 16.767 ug/ml |
| 2) T n-Decane (C10)            | 4.576  | 2711098    | 17.954 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.282  | 2636285    | 17.705 ug/ml |
| 4) T n-Dodecane (C12)          | 6.741  | 2707011    | 18.287 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.378  | 2512931    | 18.124 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.569  | 2611572    | 18.413 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.177 | 2635810    | 18.696 ug/ml |
| 8) T n-Octadecane (C18)        | 11.619 | 2600120    | 18.721 ug/ml |
| 10) T n-Eicosane (C20)         | 12.928 | 2470924    | 18.672 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.540 | 2412905    | 18.628 ug/ml |
| 13) T n-Docosane (C22)         | 14.125 | 2416653    | 18.754 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.227 | 2484354    | 19.177 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.247 | 2513635    | 19.394 ug/ml |
| 16) T n-Octacosane (C28)       | 17.197 | 2632519    | 20.367 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 2943651    | 21.974 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.914 | 3081869    | 22.704 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.699 | 2940898    | 21.498 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.438 | 2730122    | 20.084 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.175 | 2619814    | 19.211 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.088 | 2463524    | 17.992 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

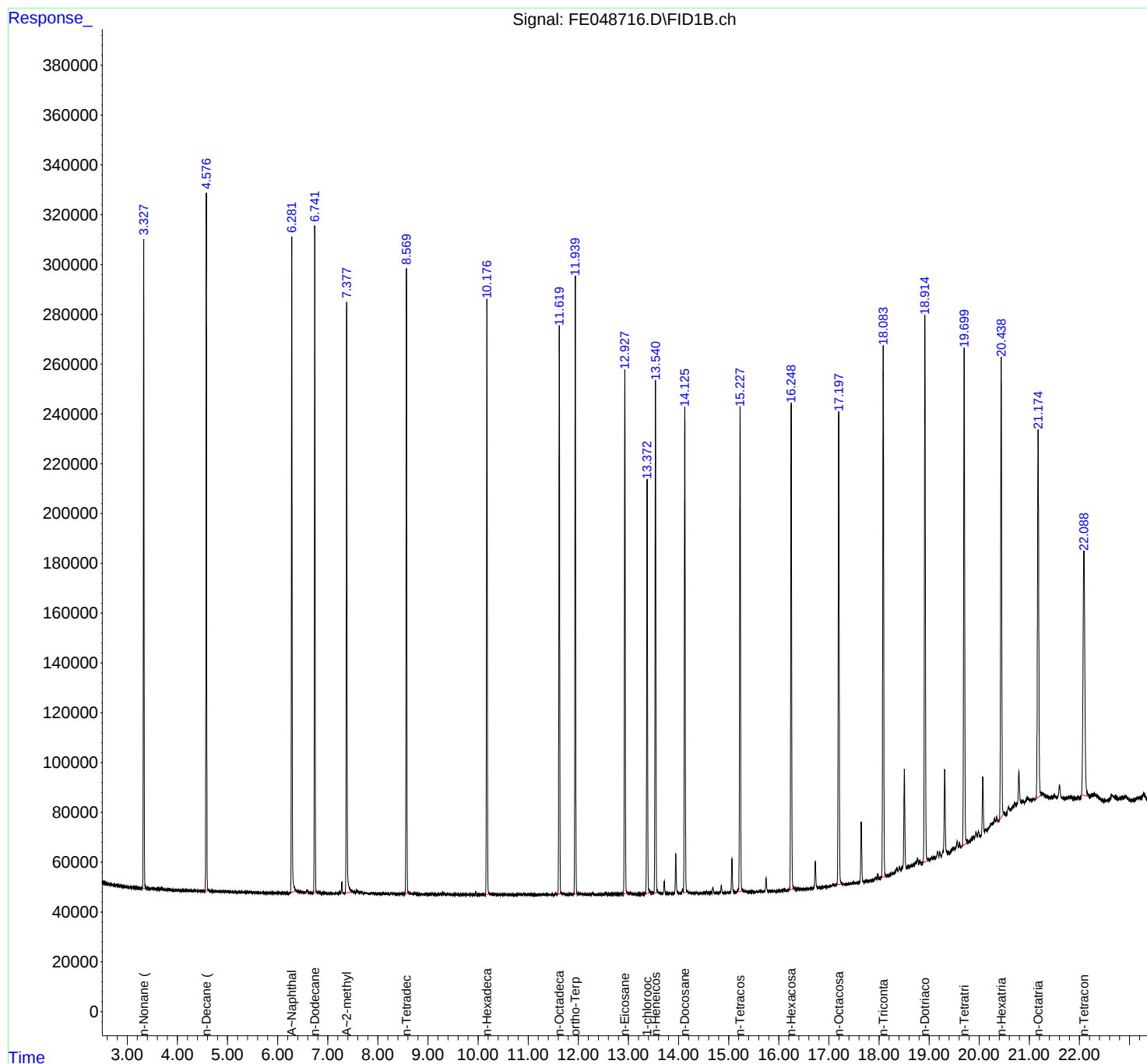
(m)=manual int.

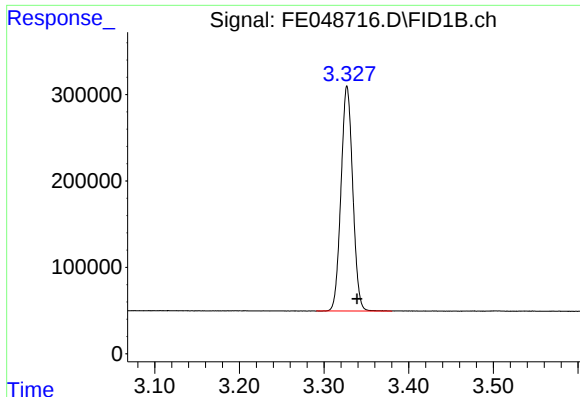
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061424AL\  
Data File : FE048716.D  
Signal(s) : FID1B.ch  
Acq On : 14 Jun 2024 07:01  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Jun 14 10:52:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 16:28:51 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

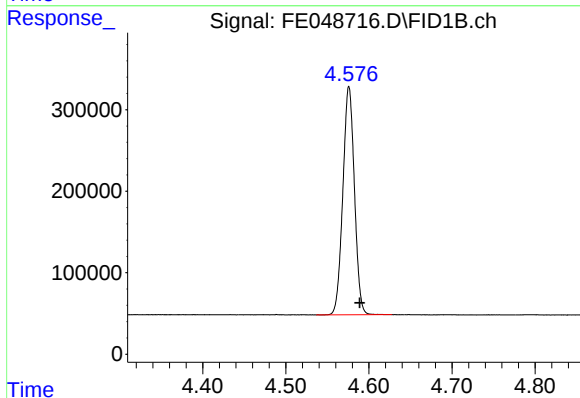




#1 n-Nonane (C9)

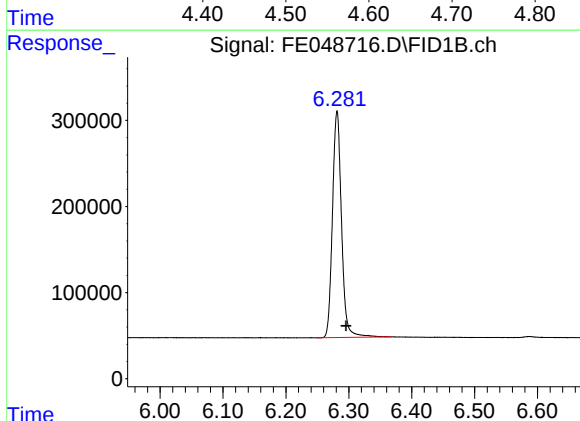
R.T.: 3.327 min  
Delta R.T.: -0.012 min  
Response: 2506795  
Conc: 16.77 ug/ml

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



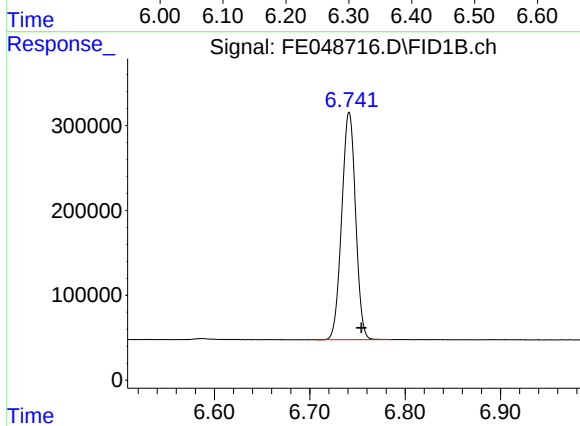
#2 n-Decane (C10)

R.T.: 4.576 min  
Delta R.T.: -0.013 min  
Response: 2711098  
Conc: 17.95 ug/ml



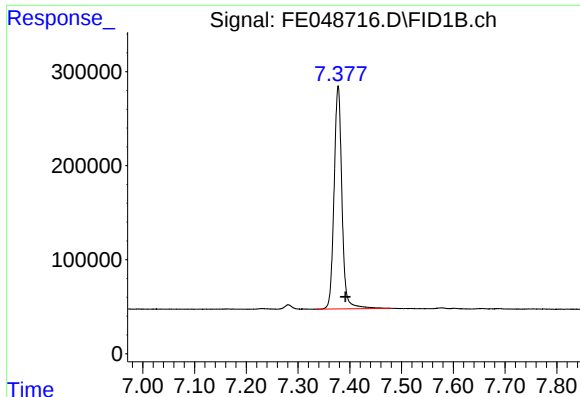
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min  
Delta R.T.: -0.014 min  
Response: 2636285  
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

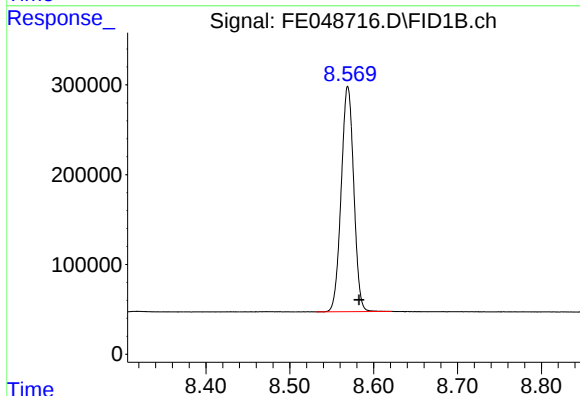
R.T.: 6.741 min  
Delta R.T.: -0.013 min  
Response: 2707011  
Conc: 18.29 ug/ml



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

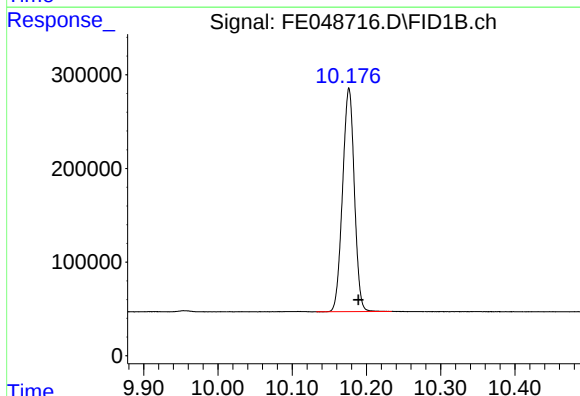
R.T.: 7.378 min  
Delta R.T.: -0.014 min  
Response: 2512931  
Conc: 18.12 ug/ml

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



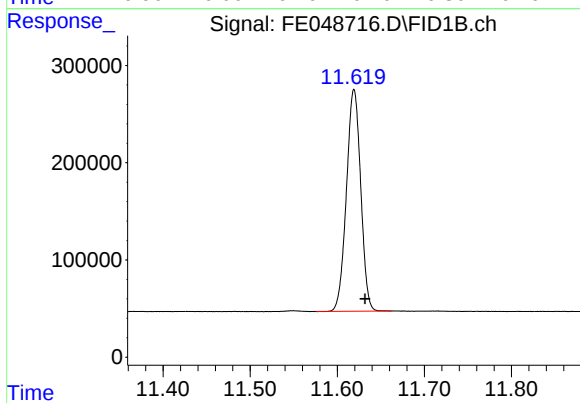
#6 n-Tetradecane (C14)

R.T.: 8.569 min  
Delta R.T.: -0.013 min  
Response: 2611572  
Conc: 18.41 ug/ml



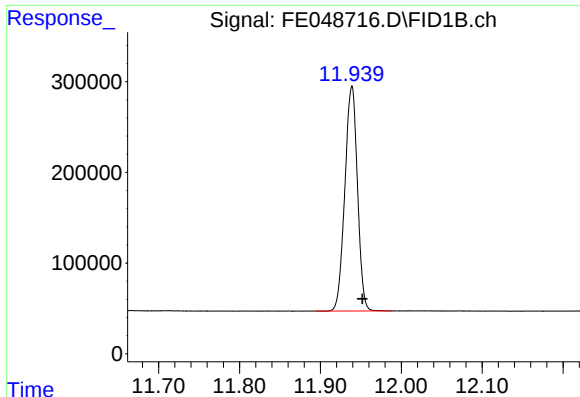
#7 n-Hexadecane (C16)

R.T.: 10.177 min  
Delta R.T.: -0.013 min  
Response: 2635810  
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

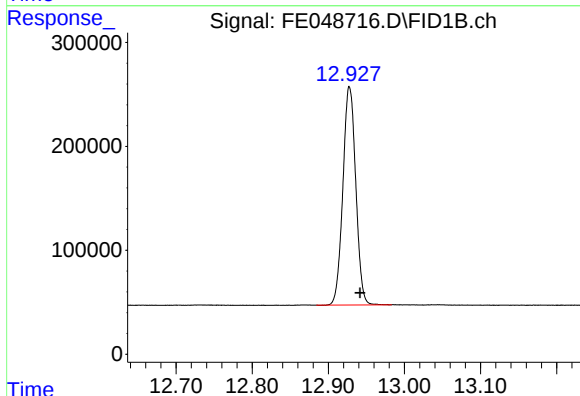
R.T.: 11.619 min  
Delta R.T.: -0.013 min  
Response: 2600120  
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

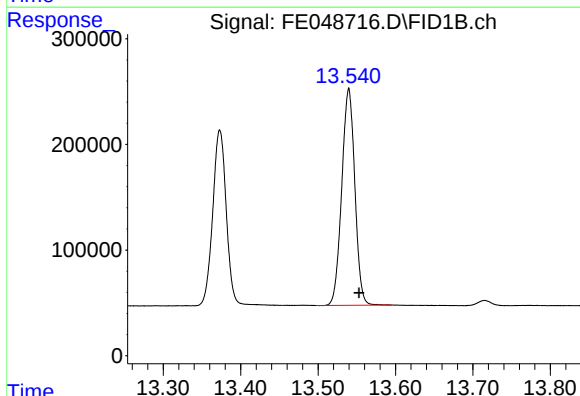
R.T.: 11.939 min  
Delta R.T.: -0.013 min  
Response: 2688308  
Conc: 18.72 ug/ml

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



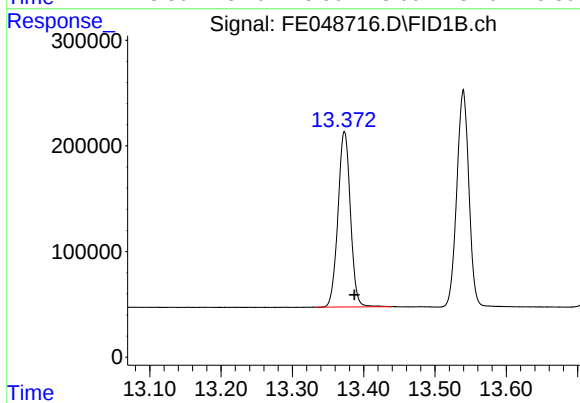
#10 n-Eicosane (C20)

R.T.: 12.928 min  
Delta R.T.: -0.014 min  
Response: 2470924  
Conc: 18.67 ug/ml



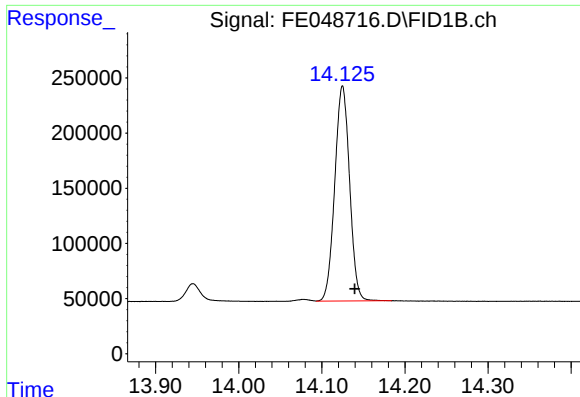
#11 n-Heneicosane (C21)

R.T.: 13.540 min  
Delta R.T.: -0.013 min  
Response: 2412905  
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

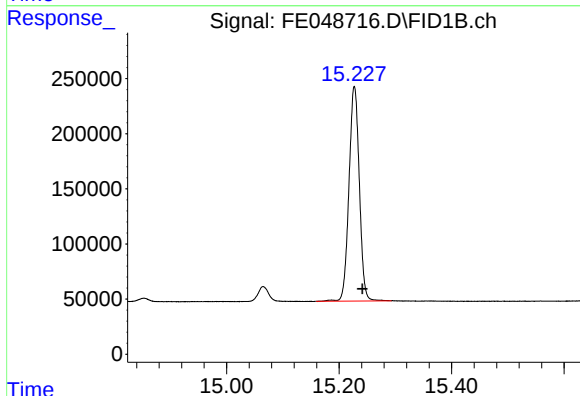
R.T.: 13.373 min  
Delta R.T.: -0.014 min  
Response: 2014791  
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

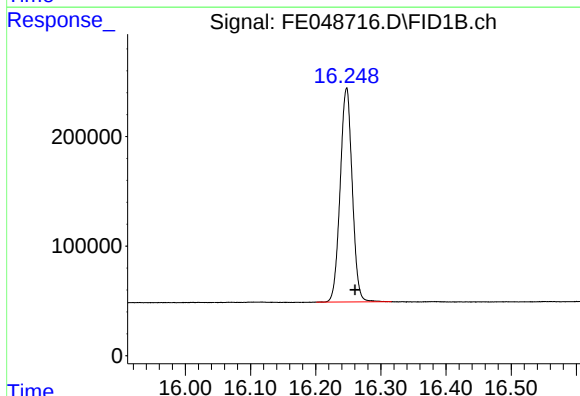
R.T.: 14.125 min  
Delta R.T.: -0.015 min  
Response: 2416653  
Conc: 18.75 ug/ml

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



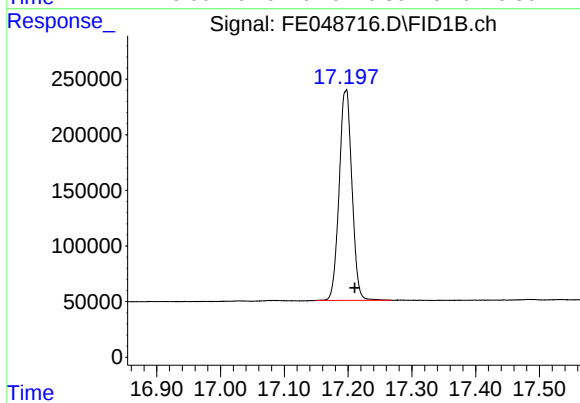
#14 n-Tetracosane (C24)

R.T.: 15.227 min  
Delta R.T.: -0.015 min  
Response: 2484354  
Conc: 19.18 ug/ml



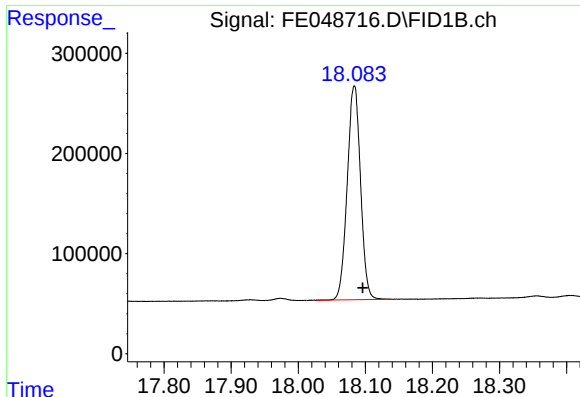
#15 n-Hexacosane (C26)

R.T.: 16.247 min  
Delta R.T.: -0.013 min  
Response: 2513635  
Conc: 19.39 ug/ml



#16 n-Octacosane (C28)

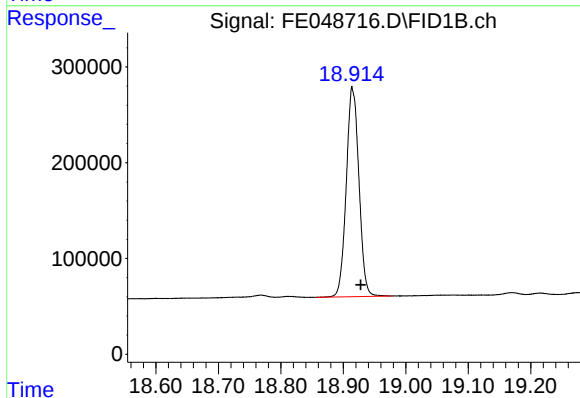
R.T.: 17.197 min  
Delta R.T.: -0.014 min  
Response: 2632519  
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

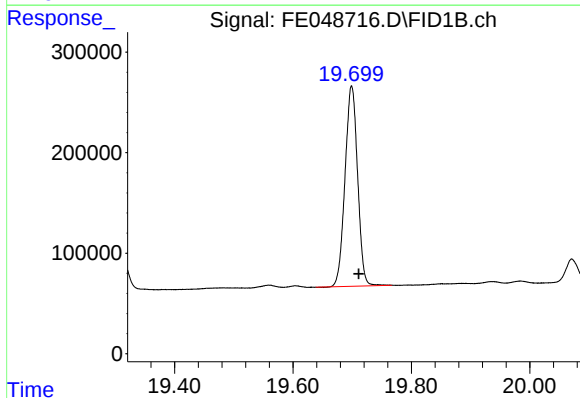
R.T.: 18.084 min  
Delta R.T.: -0.013 min  
Response: 2943651  
Conc: 21.97 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



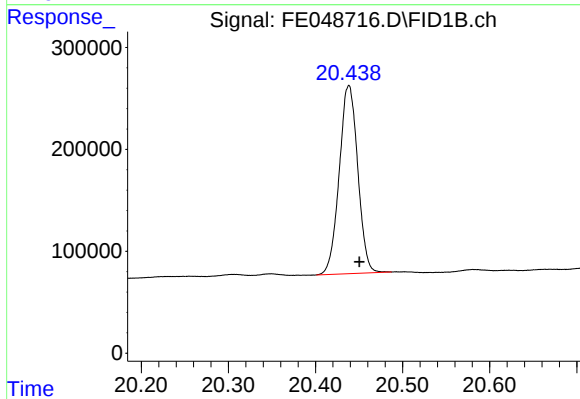
#18 n-Dotriacontane (C32)

R.T.: 18.914 min  
Delta R.T.: -0.013 min  
Response: 3081869  
Conc: 22.70 ug/ml



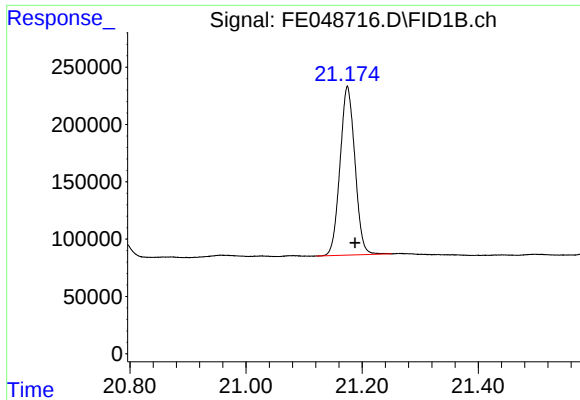
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min  
Delta R.T.: -0.012 min  
Response: 2940898  
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

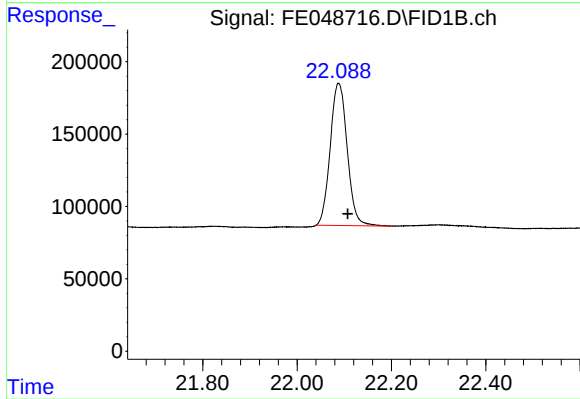
R.T.: 20.438 min  
Delta R.T.: -0.012 min  
Response: 2730122  
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min  
Delta R.T.: -0.013 min  
Response: 2619814  
Conc: 19.21 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.088 min  
Delta R.T.: -0.020 min  
Response: 2463524  
Conc: 17.99 ug/ml