

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061724AL\  
 Data File : FE048756.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Jun 2024 02:50  
 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 18 03:19:16 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 | 2639216    | 18.379 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.76%       |
| 12) S 1-chlorooctadecane (S... | 13.373 | 1976931    | 18.147 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.29%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.326  | 2392696    | 16.004 ug/ml |
| 2) T n-Decane (C10)            | 4.575  | 2616808    | 17.330 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.282  | 2565996    | 17.233 ug/ml |
| 4) T n-Dodecane (C12)          | 6.741  | 2623733    | 17.725 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.378  | 2433698    | 17.552 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.569  | 2562891    | 18.070 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.176 | 2597111    | 18.422 ug/ml |
| 8) T n-Octadecane (C18)        | 11.619 | 2568889    | 18.496 ug/ml |
| 10) T n-Eicosane (C20)         | 12.928 | 2440524    | 18.442 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.540 | 2381480    | 18.386 ug/ml |
| 13) T n-Docosane (C22)         | 14.125 | 2386107    | 18.517 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.227 | 2450120    | 18.913 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.248 | 2470459    | 19.061 ug/ml |
| 16) T n-Octacosane (C28)       | 17.196 | 2622713    | 20.291 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 2993186    | 22.344 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.915 | 3102991    | 22.860 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.698 | 2953061    | 21.587 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.435 | 2714044    | 19.966 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.172 | 2525141    | 18.516 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.087 | 3012789    | 22.004 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

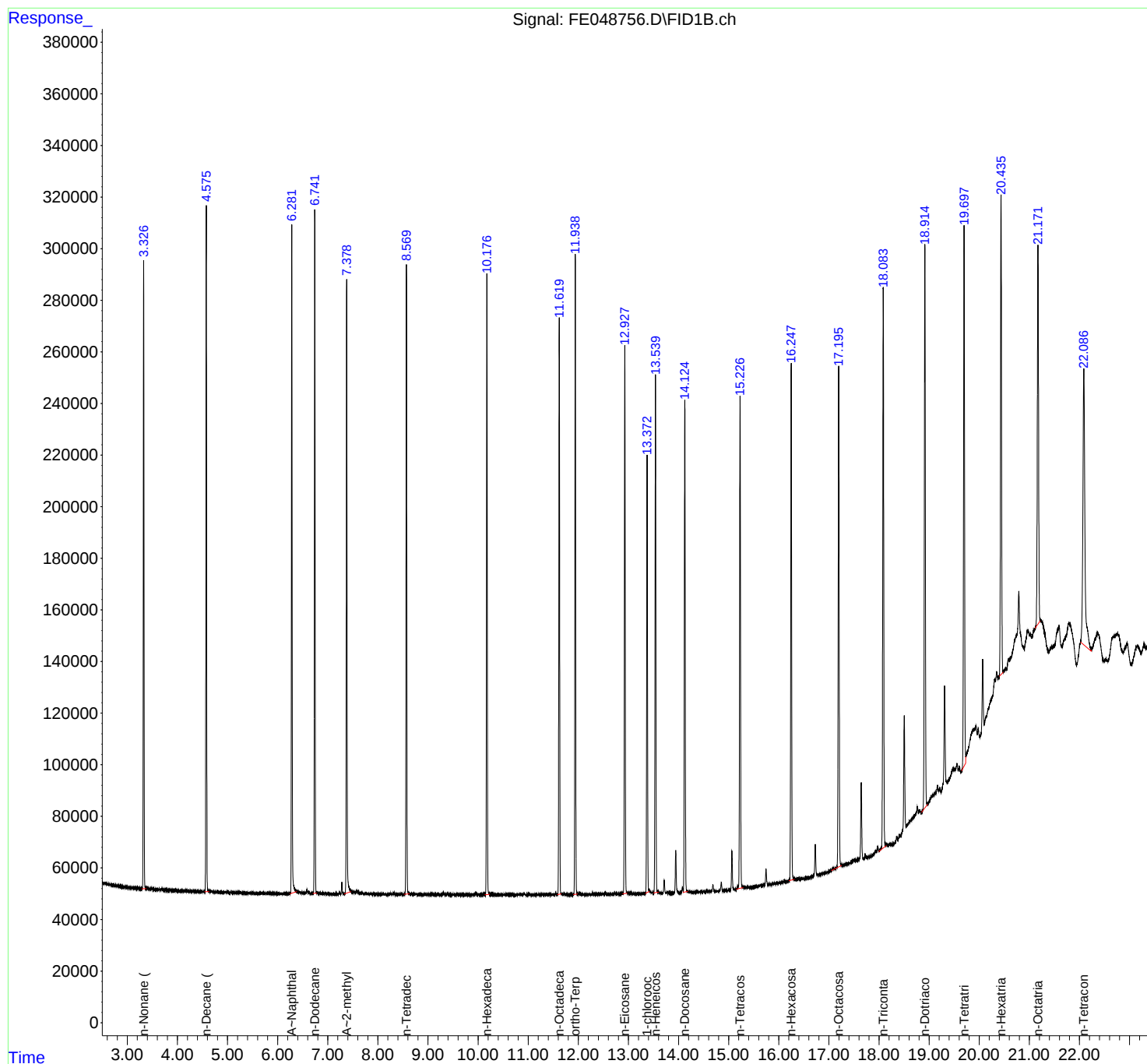
(m)=manual int.

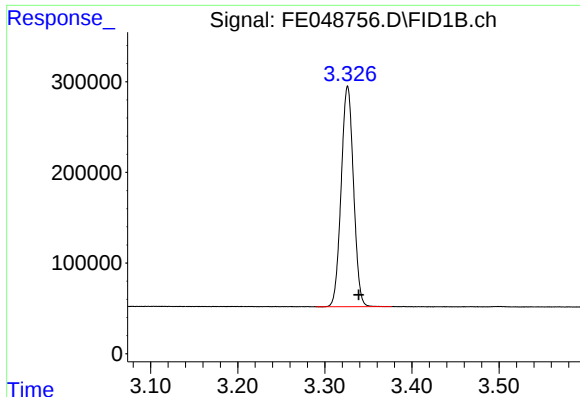
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061724AL\  
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Acq On : 18 Jun 2024 02:50  
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Misc :  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

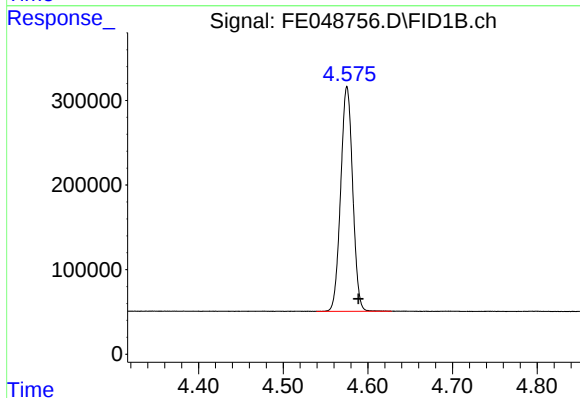




#1 n-Nonane (C9)

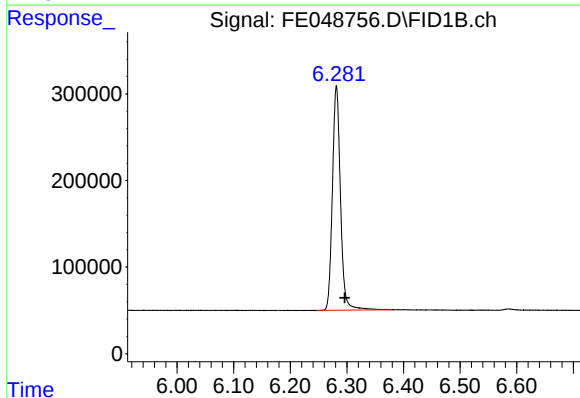
R.T.: 3.326 min  
Delta R.T.: -0.013 min  
Response: 2392696  
Conc: 16.00 ug/ml

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



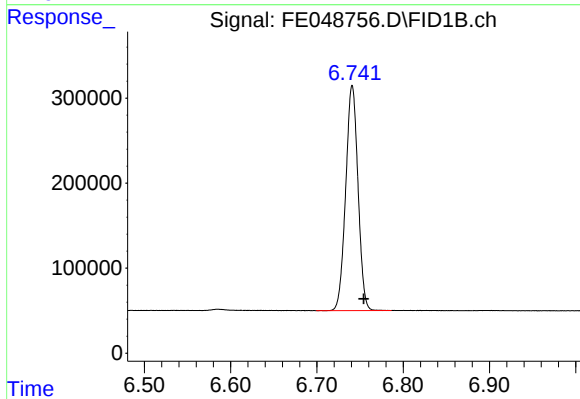
#2 n-Decane (C10)

R.T.: 4.575 min  
Delta R.T.: -0.014 min  
Response: 2616808  
Conc: 17.33 ug/ml



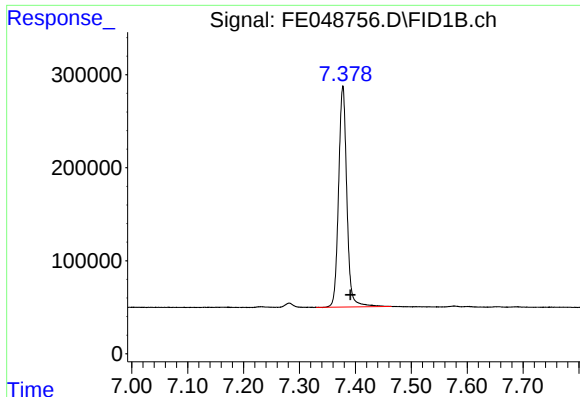
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min  
Delta R.T.: -0.014 min  
Response: 2565996  
Conc: 17.23 ug/ml



#4 n-Dodecane (C12)

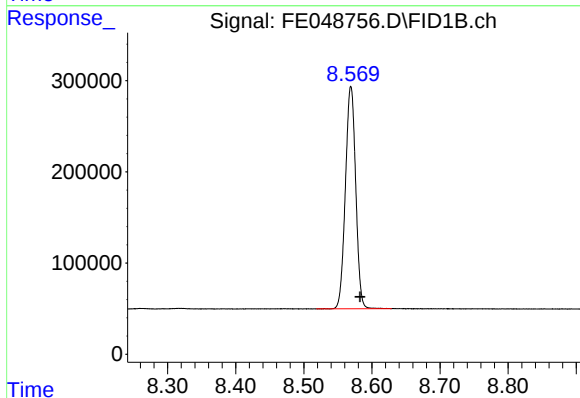
R.T.: 6.741 min  
Delta R.T.: -0.013 min  
Response: 2623733  
Conc: 17.72 ug/ml



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

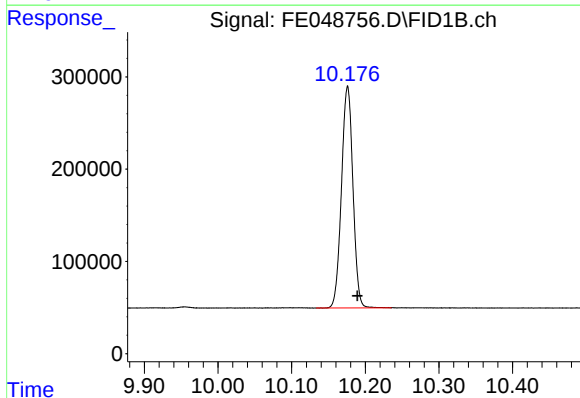
R.T.: 7.378 min  
Delta R.T.: -0.014 min  
Response: 2433698  
Conc: 17.55 ug/ml

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



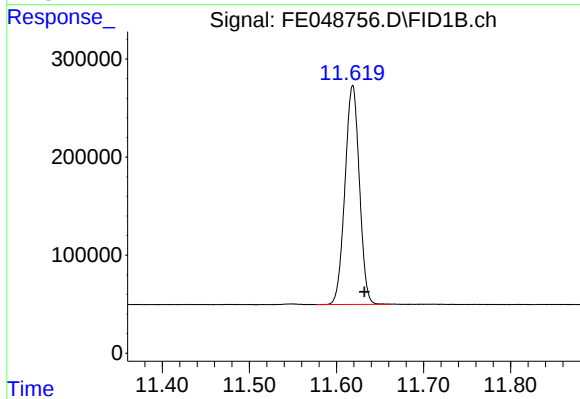
#6 n-Tetradecane (C14)

R.T.: 8.569 min  
Delta R.T.: -0.013 min  
Response: 2562891  
Conc: 18.07 ug/ml



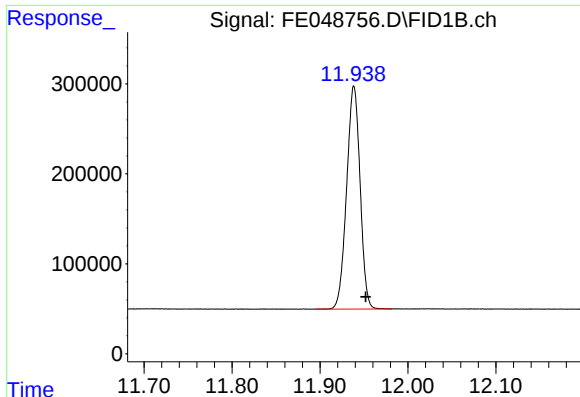
#7 n-Hexadecane (C16)

R.T.: 10.176 min  
Delta R.T.: -0.013 min  
Response: 2597111  
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

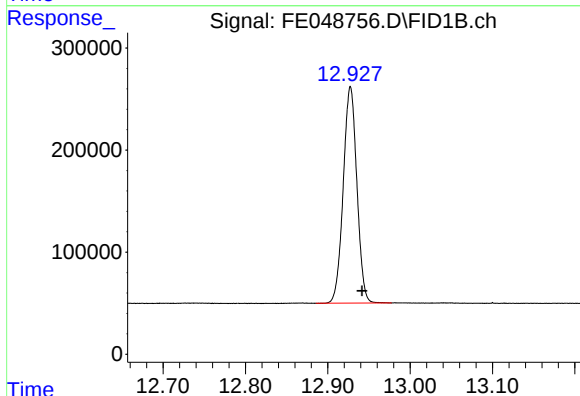
R.T.: 11.619 min  
Delta R.T.: -0.013 min  
Response: 2568889  
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

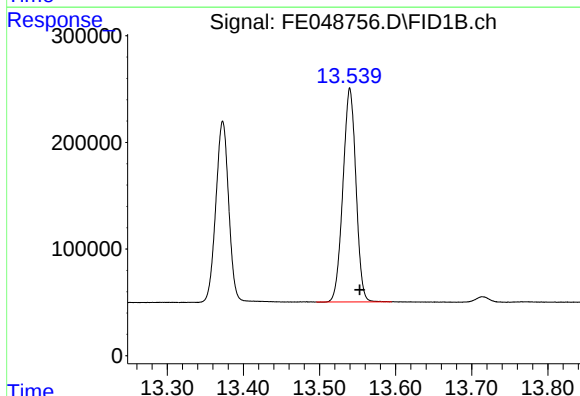
R.T.: 11.939 min  
Delta R.T.: -0.013 min  
Response: 2639216  
Conc: 18.38 ug/ml

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



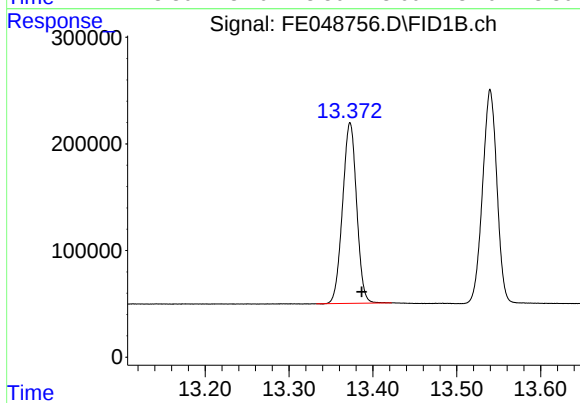
#10 n-Eicosane (C20)

R.T.: 12.928 min  
Delta R.T.: -0.014 min  
Response: 2440524  
Conc: 18.44 ug/ml



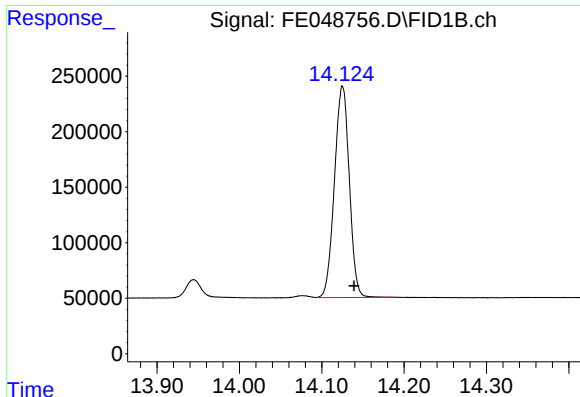
#11 n-Heneicosane (C21)

R.T.: 13.540 min  
Delta R.T.: -0.013 min  
Response: 2381480  
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

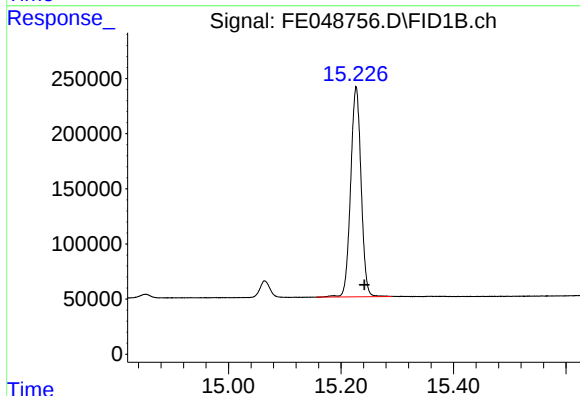
R.T.: 13.373 min  
Delta R.T.: -0.014 min  
Response: 1976931  
Conc: 18.15 ug/ml



#13 n-Docosane (C22)

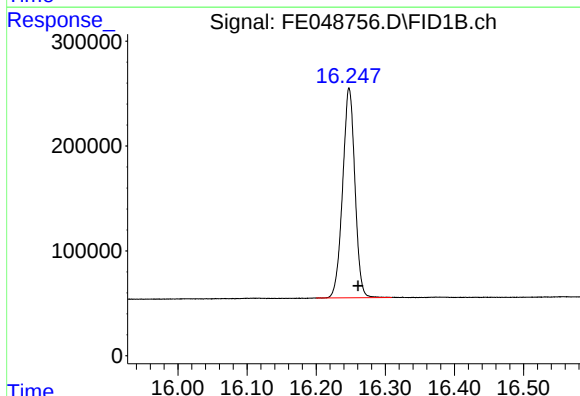
R.T.: 14.125 min  
Delta R.T.: -0.014 min  
Response: 2386107  
Conc: 18.52 ug/ml

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



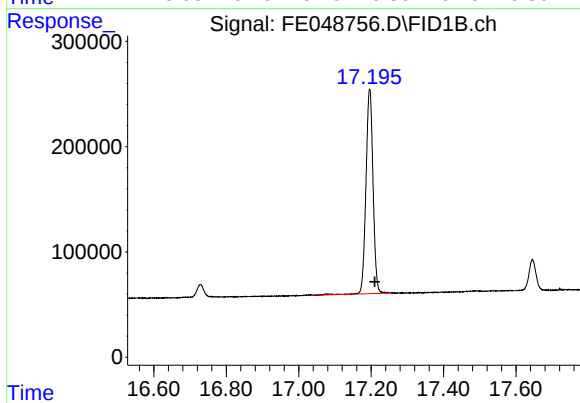
#14 n-Tetracosane (C24)

R.T.: 15.227 min  
Delta R.T.: -0.015 min  
Response: 2450120  
Conc: 18.91 ug/ml



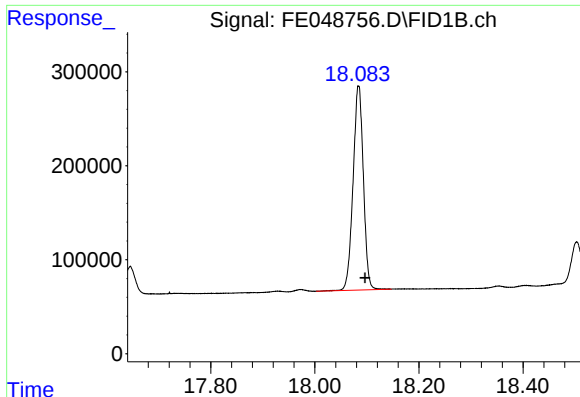
#15 n-Hexacosane (C26)

R.T.: 16.248 min  
Delta R.T.: -0.013 min  
Response: 2470459  
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

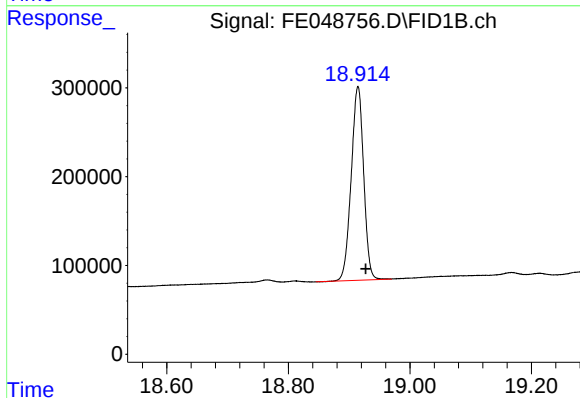
R.T.: 17.196 min  
Delta R.T.: -0.014 min  
Response: 2622713  
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

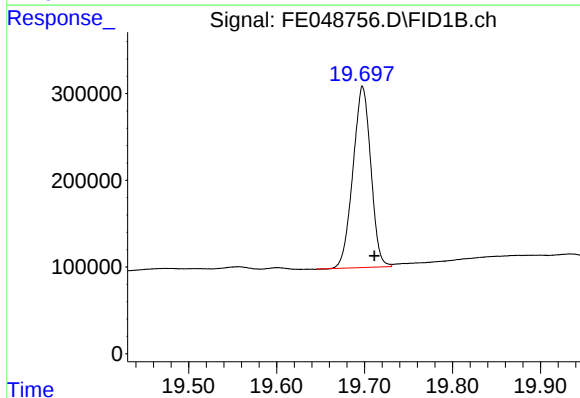
R.T.: 18.084 min  
Delta R.T.: -0.012 min  
Response: 2993186  
Conc: 22.34 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



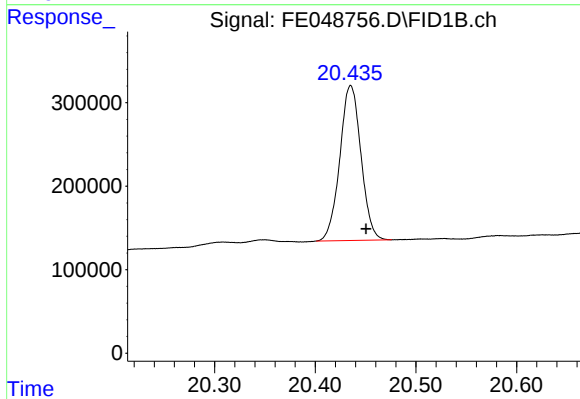
#18 n-Dotriacontane (C32)

R.T.: 18.915 min  
Delta R.T.: -0.013 min  
Response: 3102991  
Conc: 22.86 ug/ml



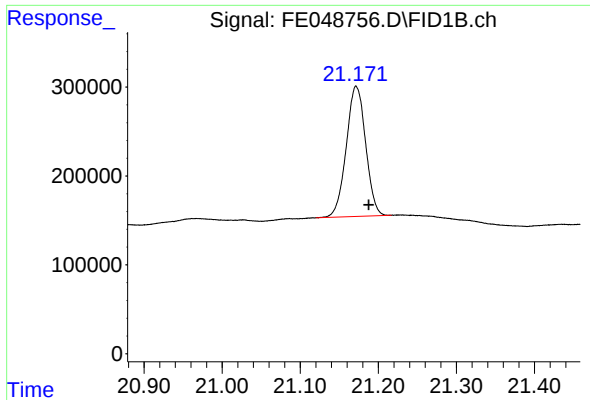
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min  
Delta R.T.: -0.013 min  
Response: 2953061  
Conc: 21.59 ug/ml



#20 n-Hexatriacontane (C36)

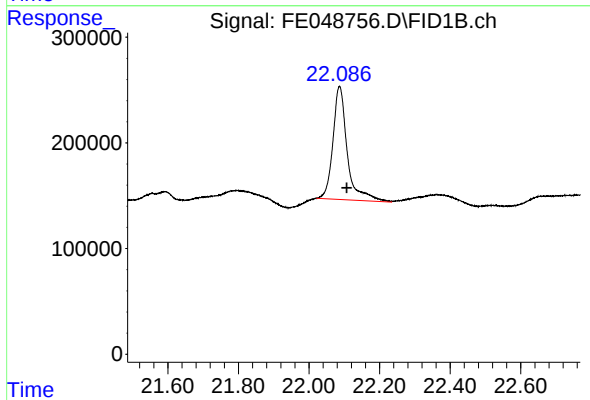
R.T.: 20.435 min  
Delta R.T.: -0.015 min  
Response: 2714044  
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min  
Delta R.T.: -0.016 min  
Response: 2525141  
Conc: 18.52 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.087 min  
Delta R.T.: -0.021 min  
Response: 3012789  
Conc: 22.00 ug/ml