

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061325AL\  
 Data File : FE054327.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Jun 2025 07:38  
 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 13 01:12:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061025.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 10 07:24:04 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)    | 11.829 | 3370582    | 20.399 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.80%       |
| 12) S 1-chlorooctadecane (S... | 13.273 | 2497214    | 20.478 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.96%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.177  | 2547231    | 20.512 ug/ml |
| 2) T n-Decane (C10)            | 4.440  | 2566920    | 20.659 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.155  | 2752920    | 20.371 ug/ml |
| 4) T n-Dodecane (C12)          | 6.622  | 2632929    | 20.678 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.257  | 2786833    | 21.040 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.457  | 2654040    | 20.500 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.069 | 2717296    | 20.456 ug/ml |
| 8) T n-Octadecane (C18)        | 11.515 | 2762563    | 20.458 ug/ml |
| 10) T n-Eicosane (C20)         | 12.829 | 2727568    | 20.389 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.442 | 2705799    | 20.349 ug/ml |
| 13) T n-Docosane (C22)         | 14.029 | 2690094    | 20.516 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.134 | 2660435    | 20.624 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.157 | 2592910    | 20.656 ug/ml |
| 16) T n-Octacosane (C28)       | 17.108 | 2555161    | 20.836 ug/ml |
| 17) T n-Tricontane (C30)       | 17.997 | 2623866    | 21.170 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.831 | 2679551    | 21.326 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.617 | 2636243    | 21.191 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.358 | 2697923    | 20.958 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.084 | 2740842    | 20.757 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.974 | 2740775    | 20.346 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

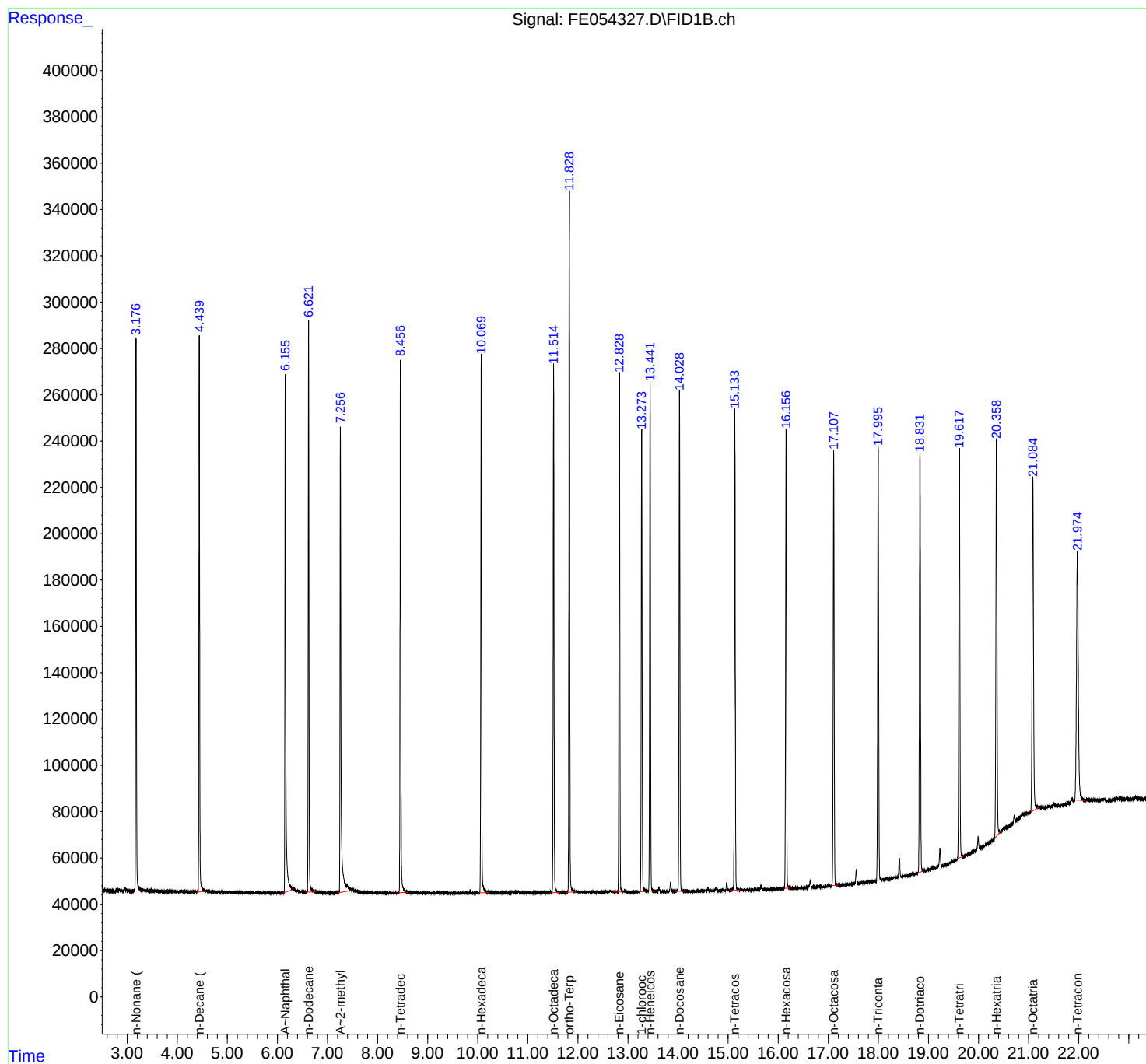
(m)=manual int.

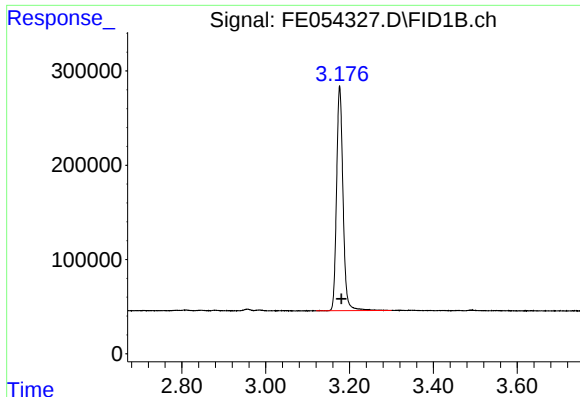
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061325AL\  
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QLast Update : Tue Jun 10 07:24:04 2025  
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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

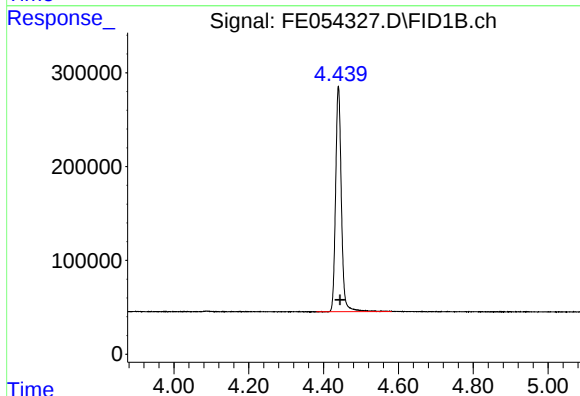




#1 n-Nonane (C9)

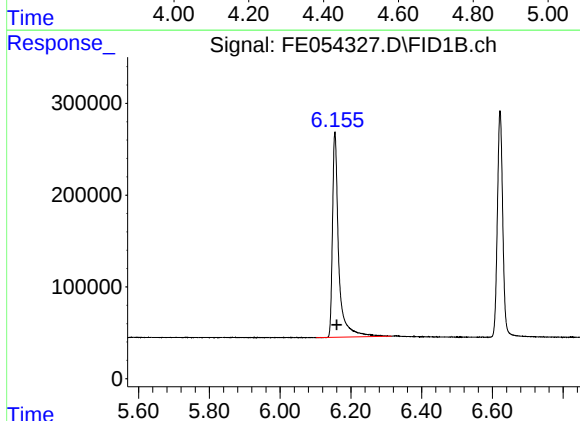
R.T.: 3.177 min  
Delta R.T.: -0.004 min  
Response: 2547231  
Conc: 20.51 ug/ml

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



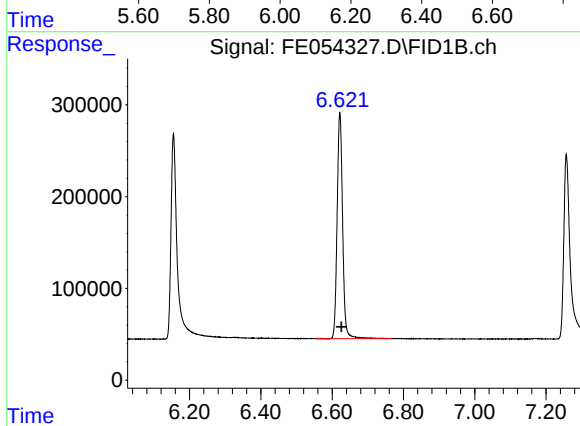
#2 n-Decane (C10)

R.T.: 4.440 min  
Delta R.T.: -0.004 min  
Response: 2566920  
Conc: 20.66 ug/ml



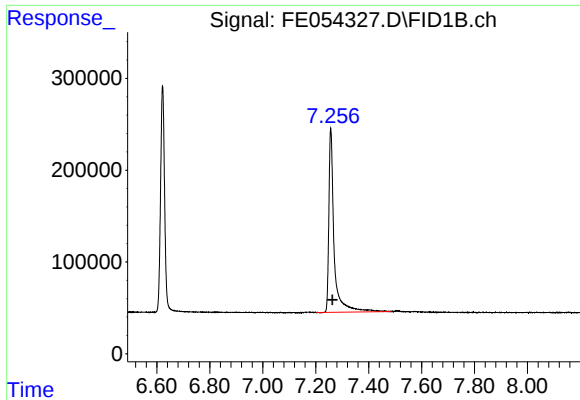
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min  
Delta R.T.: -0.005 min  
Response: 2752920  
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

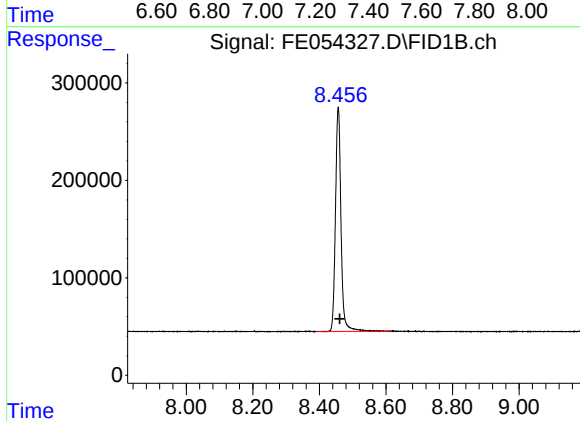
R.T.: 6.622 min  
Delta R.T.: -0.005 min  
Response: 2632929  
Conc: 20.68 ug/ml



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

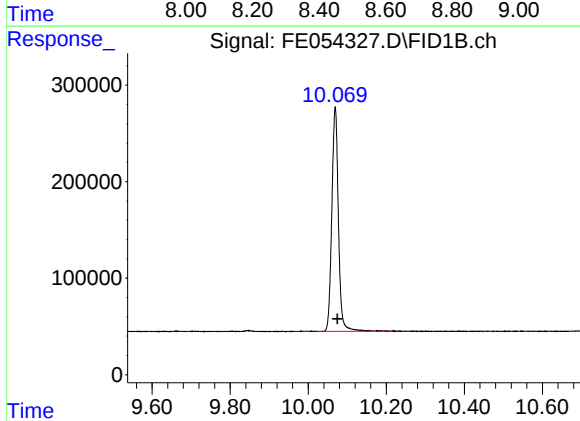
R.T.: 7.257 min  
Delta R.T.: -0.005 min  
Response: 2786833  
Conc: 21.04 ug/ml

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



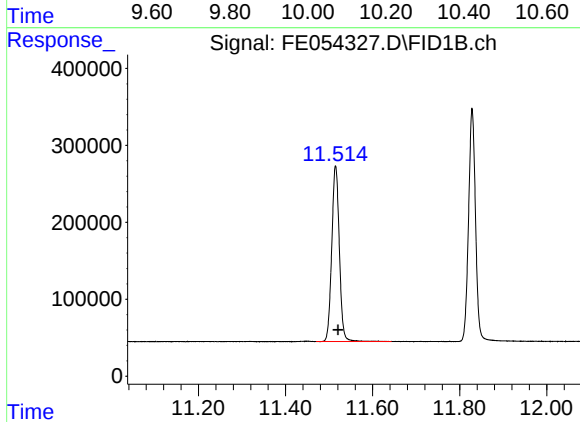
#6 n-Tetradecane (C14)

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 2654040  
Conc: 20.50 ug/ml



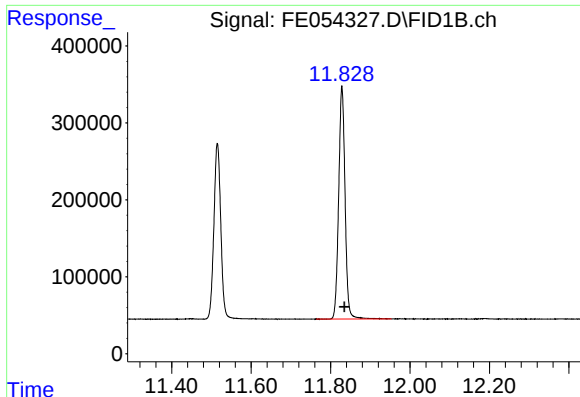
#7 n-Hexadecane (C16)

R.T.: 10.069 min  
Delta R.T.: -0.005 min  
Response: 2717296  
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

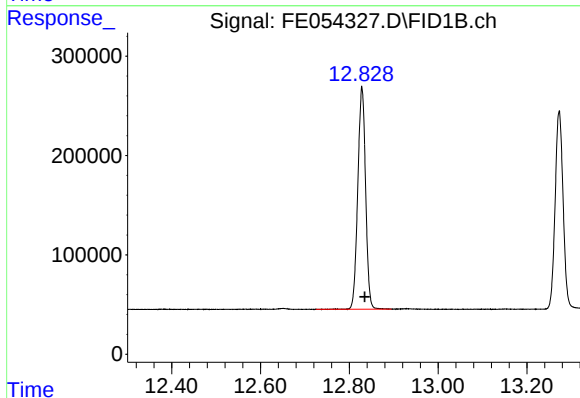
R.T.: 11.515 min  
Delta R.T.: -0.006 min  
Response: 2762563  
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

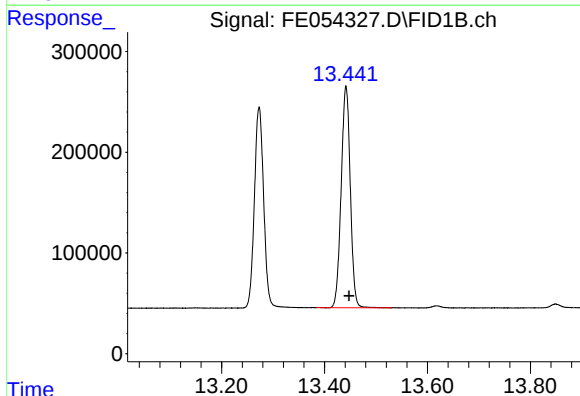
R.T.: 11.829 min  
Delta R.T.: -0.006 min  
Response: 3370582  
Conc: 20.40 ug/ml

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



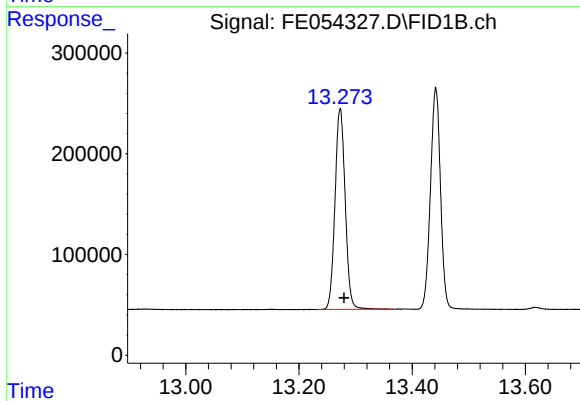
#10 n-Eicosane (C20)

R.T.: 12.829 min  
Delta R.T.: -0.006 min  
Response: 2727568  
Conc: 20.39 ug/ml



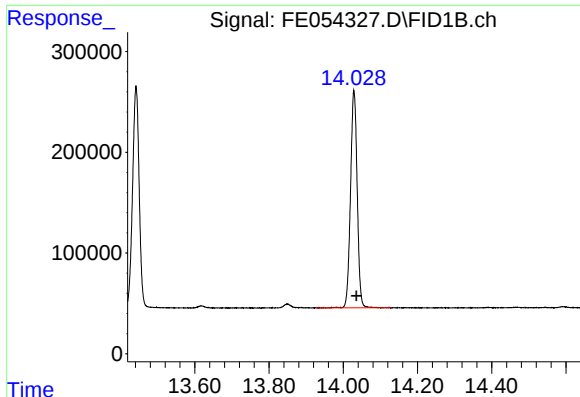
#11 n-Heneicosane (C21)

R.T.: 13.442 min  
Delta R.T.: -0.006 min  
Response: 2705799  
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

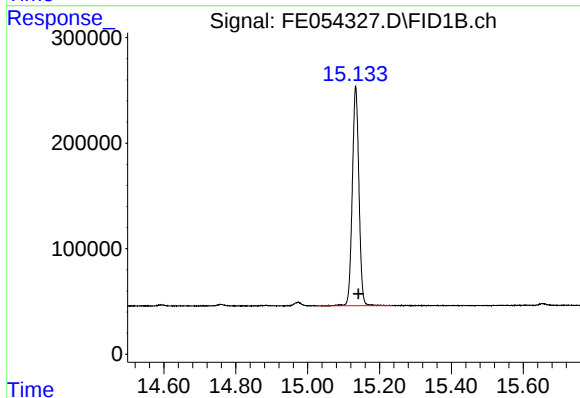
R.T.: 13.273 min  
Delta R.T.: -0.007 min  
Response: 2497214  
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

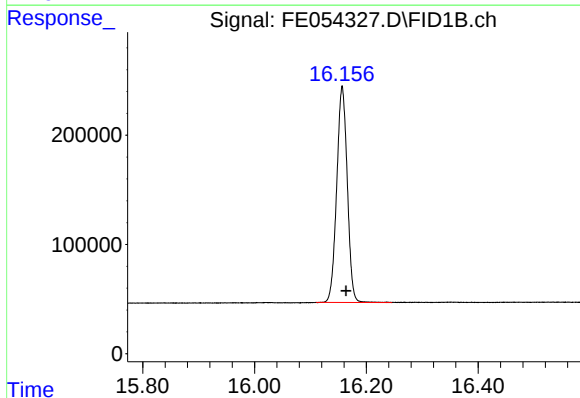
R.T.: 14.029 min  
Delta R.T.: -0.006 min  
Response: 2690094  
Conc: 20.52 ug/ml

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



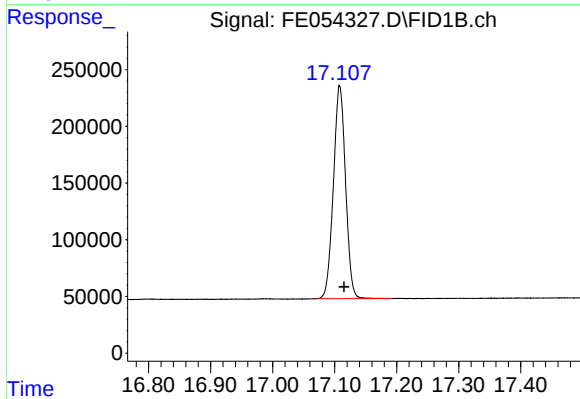
#14 n-Tetracosane (C24)

R.T.: 15.134 min  
Delta R.T.: -0.008 min  
Response: 2660435  
Conc: 20.62 ug/ml



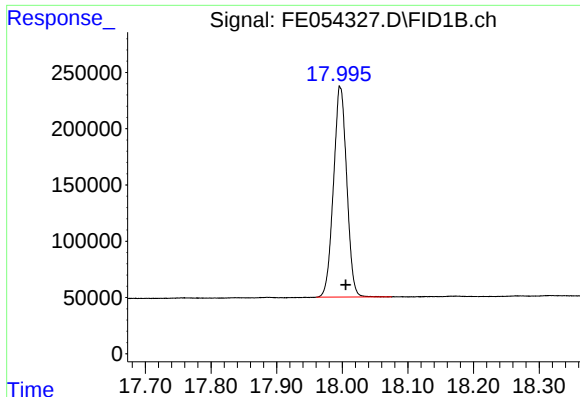
#15 n-Hexacosane (C26)

R.T.: 16.157 min  
Delta R.T.: -0.007 min  
Response: 2592910  
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

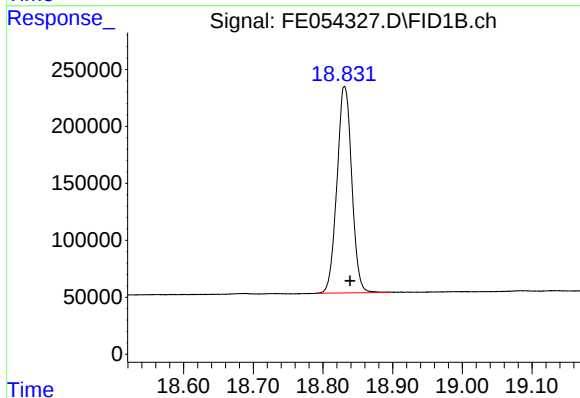
R.T.: 17.108 min  
Delta R.T.: -0.007 min  
Response: 2555161  
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

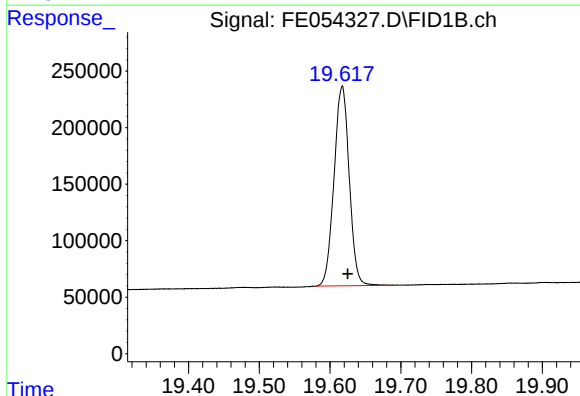
R.T.: 17.997 min  
Delta R.T.: -0.008 min  
Response: 2623866  
Conc: 21.17 ug/ml

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



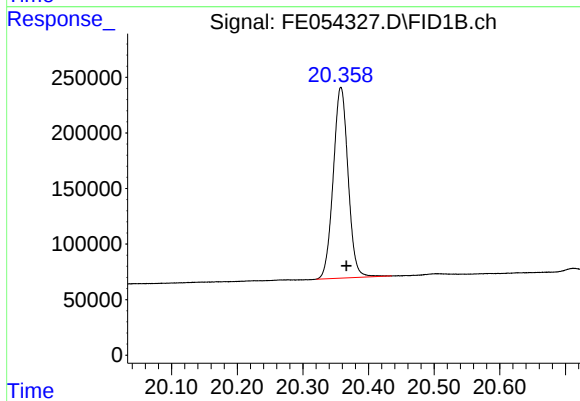
#18 n-Dotriacontane (C32)

R.T.: 18.831 min  
Delta R.T.: -0.008 min  
Response: 2679551  
Conc: 21.33 ug/ml



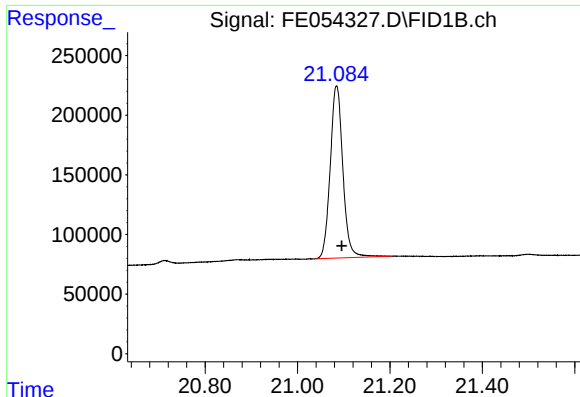
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min  
Delta R.T.: -0.008 min  
Response: 2636243  
Conc: 21.19 ug/ml



#20 n-Hexatriacontane (C36)

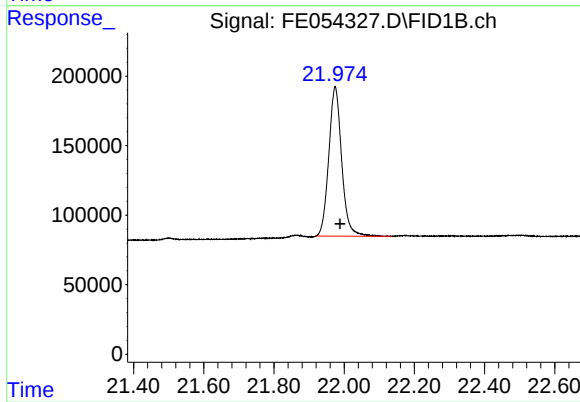
R.T.: 20.358 min  
Delta R.T.: -0.008 min  
Response: 2697923  
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min  
Delta R.T.: -0.011 min  
Response: 2740842  
Conc: 20.76 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.974 min  
Delta R.T.: -0.014 min  
Response: 2740775  
Conc: 20.35 ug/ml