

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032925AL\  
 Data File : FE053064.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Mar 2025 03:40  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 31 02:47:18 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)    | 11.894 | 3311511    | 20.331 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.66%       |
| 12) S 1-chlorooctadecane (S... | 13.339 | 2441871    | 20.341 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.241  | 3143187    | 20.300 ug/ml |
| 2) T n-Decane (C10)            | 4.502  | 3184744    | 20.303 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 3427535    | 20.403 ug/ml |
| 4) T n-Dodecane (C12)          | 6.682  | 3181433    | 20.342 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.315  | 3262784    | 20.449 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.517  | 3112647    | 20.329 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.131 | 3134719    | 20.336 ug/ml |
| 8) T n-Octadecane (C18)        | 11.580 | 3085801    | 20.346 ug/ml |
| 10) T n-Eicosane (C20)         | 12.894 | 2895337    | 20.307 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.507 | 2818984    | 20.314 ug/ml |
| 13) T n-Docosane (C22)         | 14.095 | 2785923    | 20.342 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.201 | 2749783    | 20.360 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.224 | 2703323    | 20.264 ug/ml |
| 16) T n-Octacosane (C28)       | 17.177 | 2685536    | 20.350 ug/ml |
| 17) T n-Tricontane (C30)       | 18.067 | 2774460    | 20.470 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.900 | 2773474    | 20.611 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.686 | 2659695    | 20.555 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.428 | 2440585    | 20.545 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.168 | 2339912    | 20.358 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.082 | 2262880    | 20.148 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

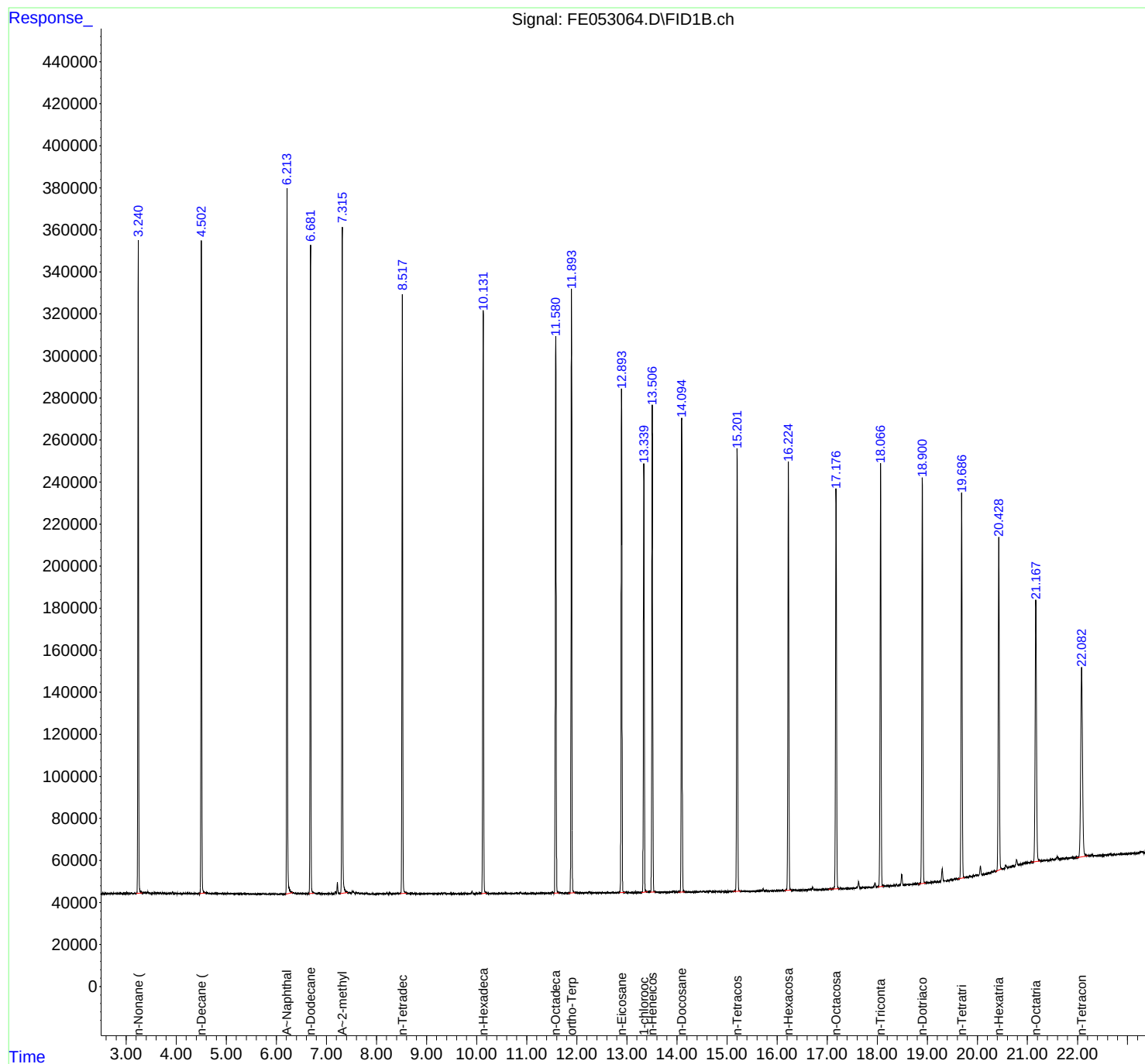
(m)=manual int.

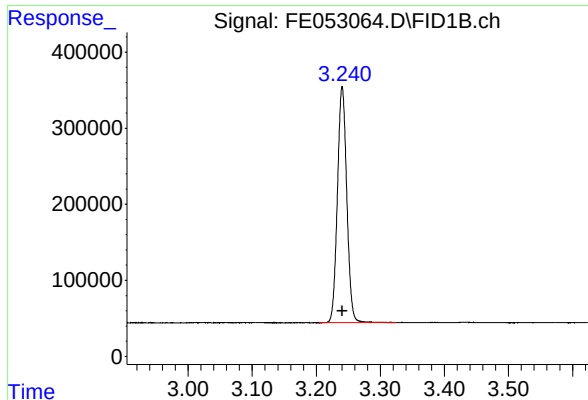
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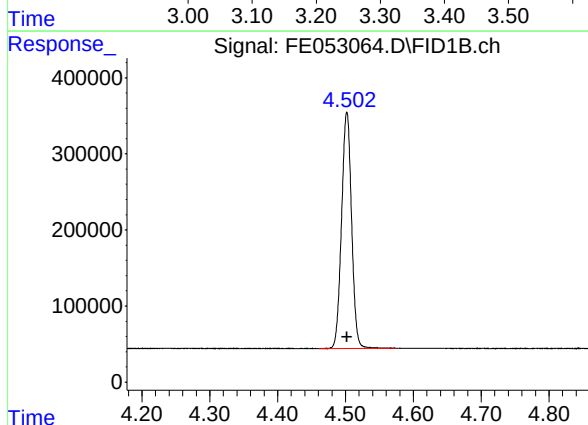




#1 n-Nonane (C9)

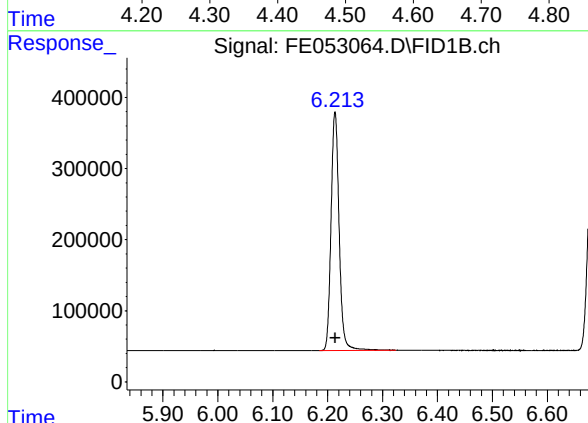
R.T.: 3.241 min  
Delta R.T.: 0.000 min  
Response: 3143187  
Conc: 20.30 ug/ml

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



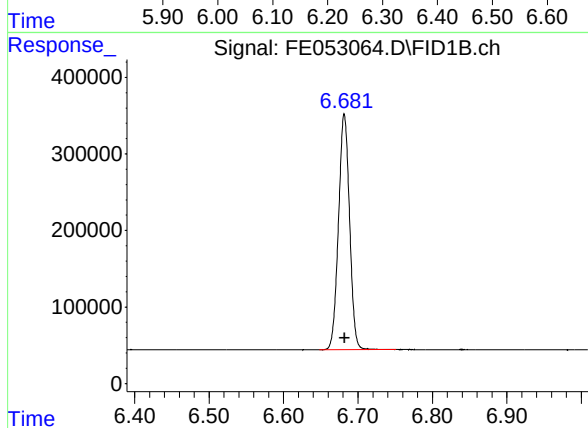
#2 n-Decane (C10)

R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 3184744  
Conc: 20.30 ug/ml



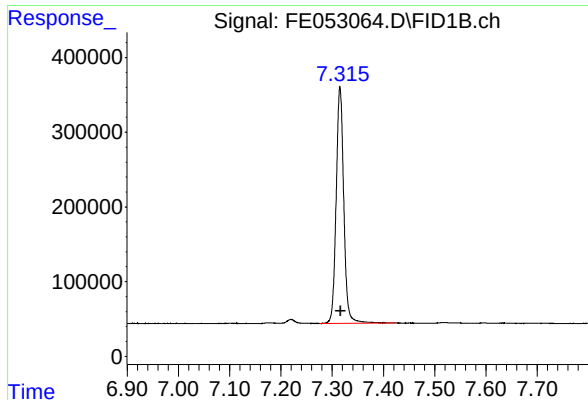
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 3427535  
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

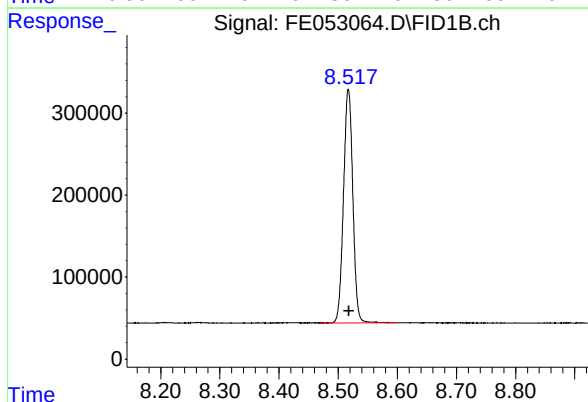
R.T.: 6.682 min  
Delta R.T.: 0.000 min  
Response: 3181433  
Conc: 20.34 ug/ml



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

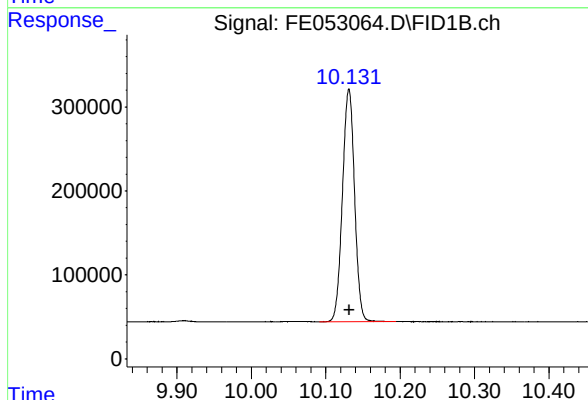
R.T.: 7.315 min  
Delta R.T.: 0.000 min  
Response: 3262784  
Conc: 20.45 ug/ml

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



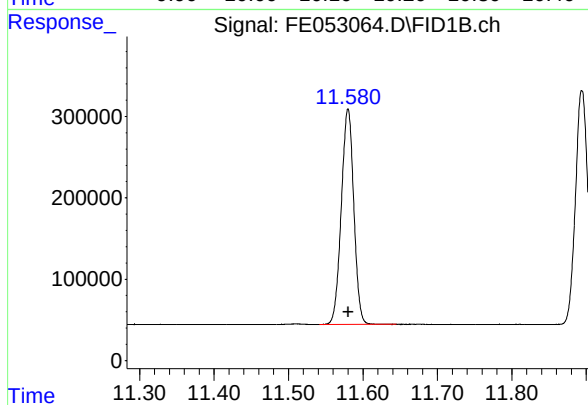
#6 n-Tetradecane (C14)

R.T.: 8.517 min  
Delta R.T.: 0.000 min  
Response: 3112647  
Conc: 20.33 ug/ml



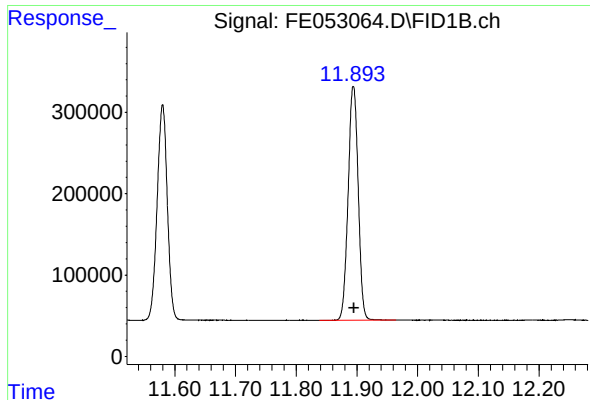
#7 n-Hexadecane (C16)

R.T.: 10.131 min  
Delta R.T.: 0.000 min  
Response: 3134719  
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

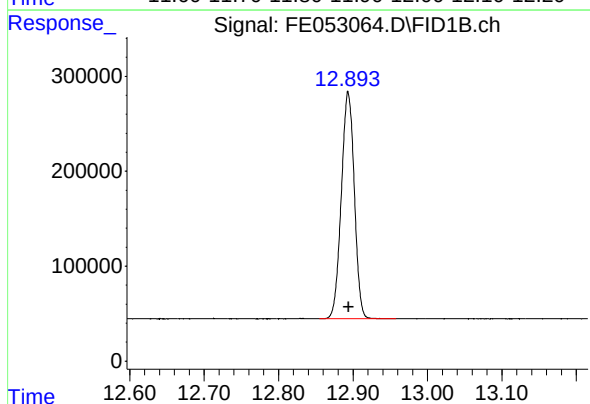
R.T.: 11.580 min  
Delta R.T.: 0.000 min  
Response: 3085801  
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

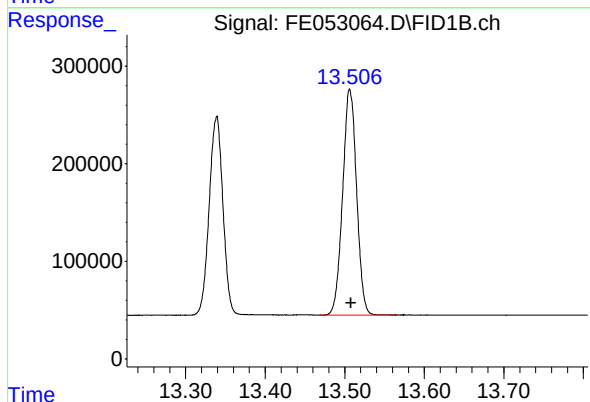
R.T.: 11.894 min  
Delta R.T.: 0.000 min  
Response: 3311511  
Conc: 20.33 ug/ml

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



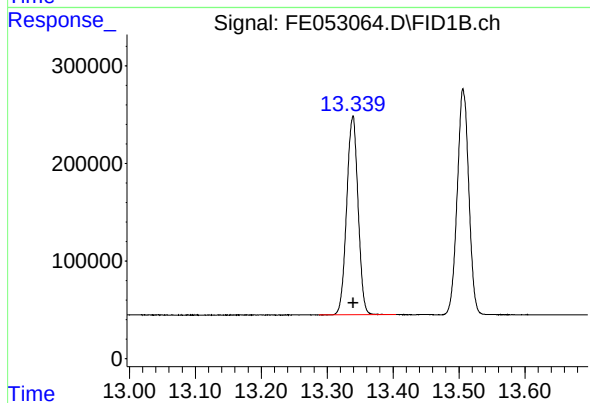
#10 n-Eicosane (C20)

R.T.: 12.894 min  
Delta R.T.: 0.000 min  
Response: 2895337  
Conc: 20.31 ug/ml



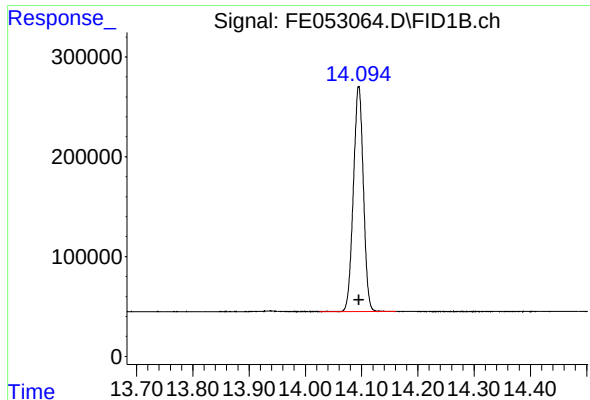
#11 n-Heneicosane (C21)

R.T.: 13.507 min  
Delta R.T.: -0.001 min  
Response: 2818984  
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

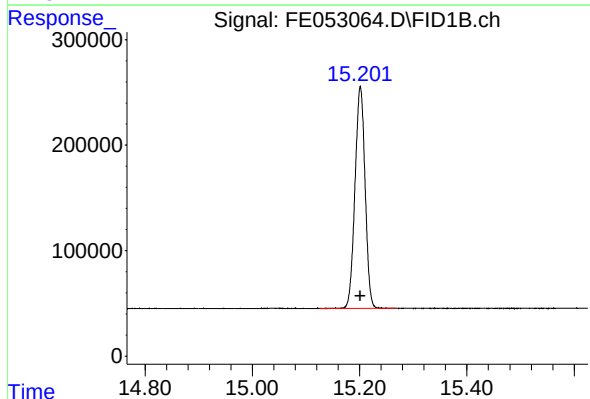
R.T.: 13.339 min  
Delta R.T.: 0.000 min  
Response: 2441871  
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

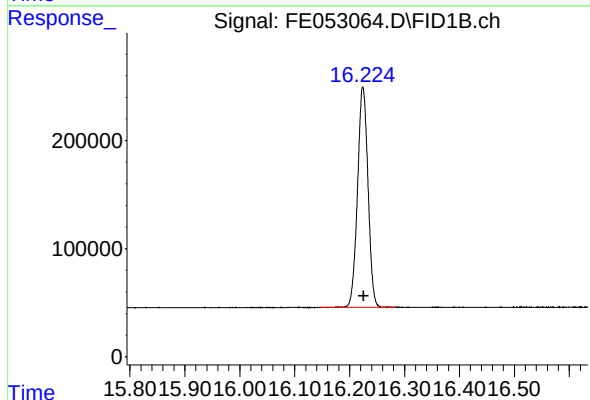
R.T.: 14.095 min  
Delta R.T.: 0.000 min  
Response: 2785923  
Conc: 20.34 ug/ml

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



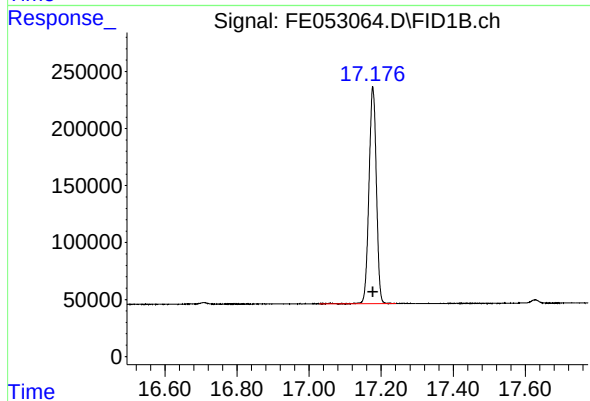
#14 n-Tetracosane (C24)

R.T.: 15.201 min  
Delta R.T.: 0.000 min  
Response: 2749783  
Conc: 20.36 ug/ml



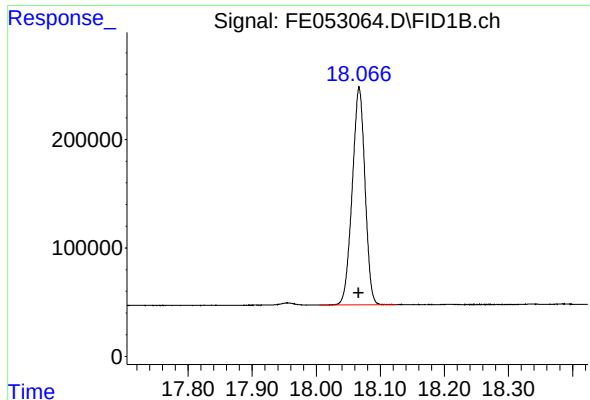
#15 n-Hexacosane (C26)

R.T.: 16.224 min  
Delta R.T.: -0.001 min  
Response: 2703323  
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

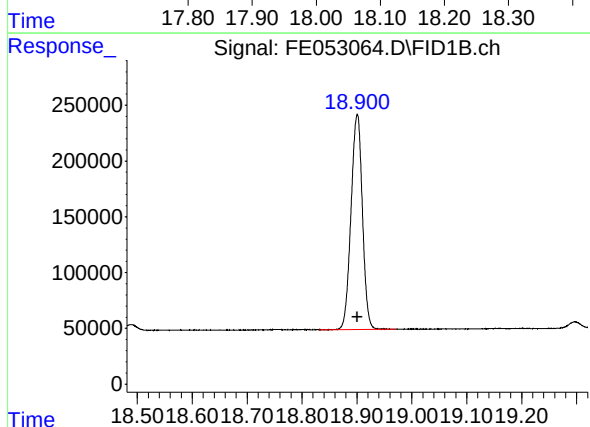
R.T.: 17.177 min  
Delta R.T.: 0.000 min  
Response: 2685536  
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

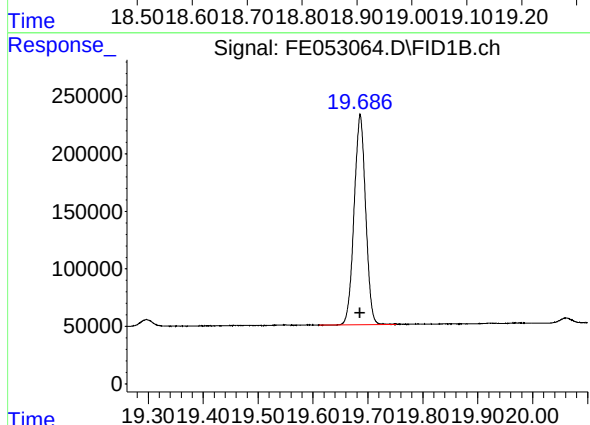
R.T.: 18.067 min  
Delta R.T.: 0.000 min  
Response: 2774460  
Conc: 20.47 ug/ml

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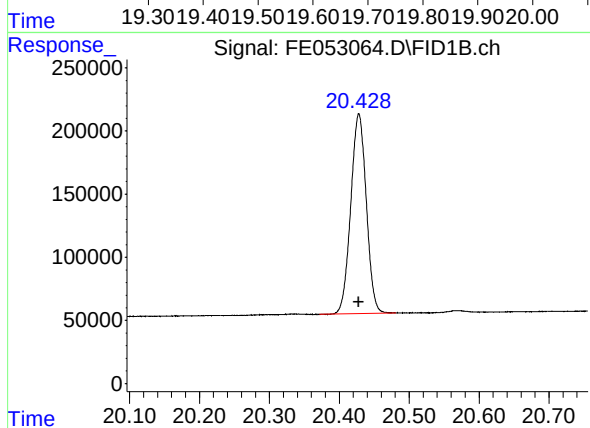
#18 n-Dotriacontane (C32)

R.T.: 18.900 min  
Delta R.T.: 0.000 min  
Response: 2773474  
Conc: 20.61 ug/ml



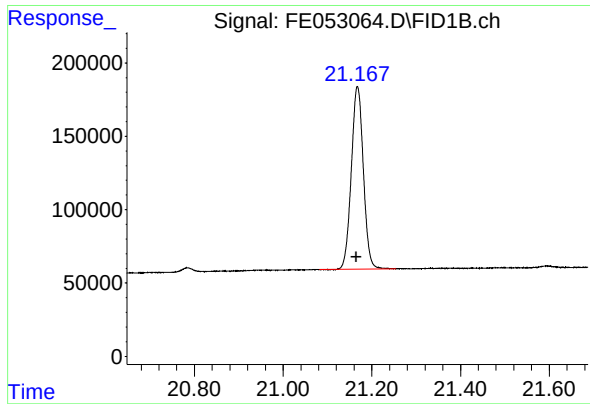
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min  
Delta R.T.: 0.000 min  
Response: 2659695  
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

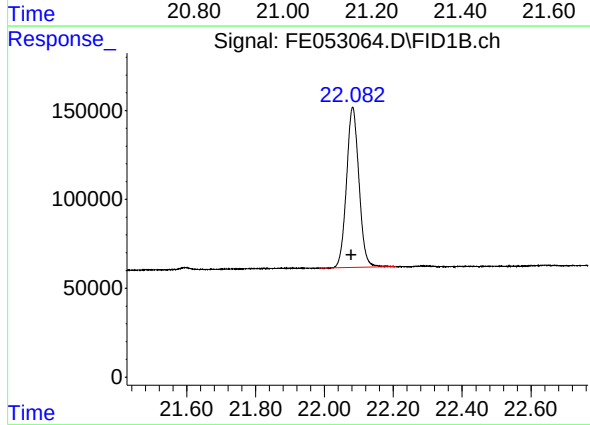
R.T.: 20.428 min  
Delta R.T.: 0.000 min  
Response: 2440585  
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min  
Delta R.T.: 0.003 min  
Response: 2339912  
Conc: 20.36 ug/ml

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FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.082 min  
Delta R.T.: 0.004 min  
Response: 2262880  
Conc: 20.15 ug/ml