

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071723AL\  
 Data File : FE043257.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Jul 2023 15:01  
 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: Jul 18 04:18:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 2023  
 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)    | 11.902 | 3648156    | 20.373 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.75%       |
| 12) S 1-chlorooctadecane (S... | 13.339 | 2696595    | 20.523 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.278  | 3165277    | 20.731 ug/ml |
| 2) T n-Decane (C10)            | 4.531  | 3250369    | 20.850 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.242  | 3390811    | 21.072 ug/ml |
| 4) T n-Dodecane (C12)          | 6.702  | 3269175    | 20.747 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.340  | 3199271    | 21.084 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.532  | 3228163    | 20.410 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.139 | 3316524    | 20.493 ug/ml |
| 8) T n-Octadecane (C18)        | 11.582 | 3328285    | 20.417 ug/ml |
| 10) T n-Eicosane (C20)         | 12.892 | 3168742    | 20.395 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.505 | 2963497    | 19.561 ug/ml |
| 13) T n-Docosane (C22)         | 14.091 | 3039301    | 20.337 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.194 | 2972109    | 20.238 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.216 | 2898666    | 20.352 ug/ml |
| 16) T n-Octacosane (C28)       | 17.166 | 2847681    | 20.239 ug/ml |
| 17) T n-Tricontane (C30)       | 18.053 | 2985610    | 20.267 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.887 | 3099957    | 20.920 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.672 | 3327535    | 23.056 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.413 | 3539799    | 24.084 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.150 | 3586994    | 25.145 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.064 | 3491839    | 23.660 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

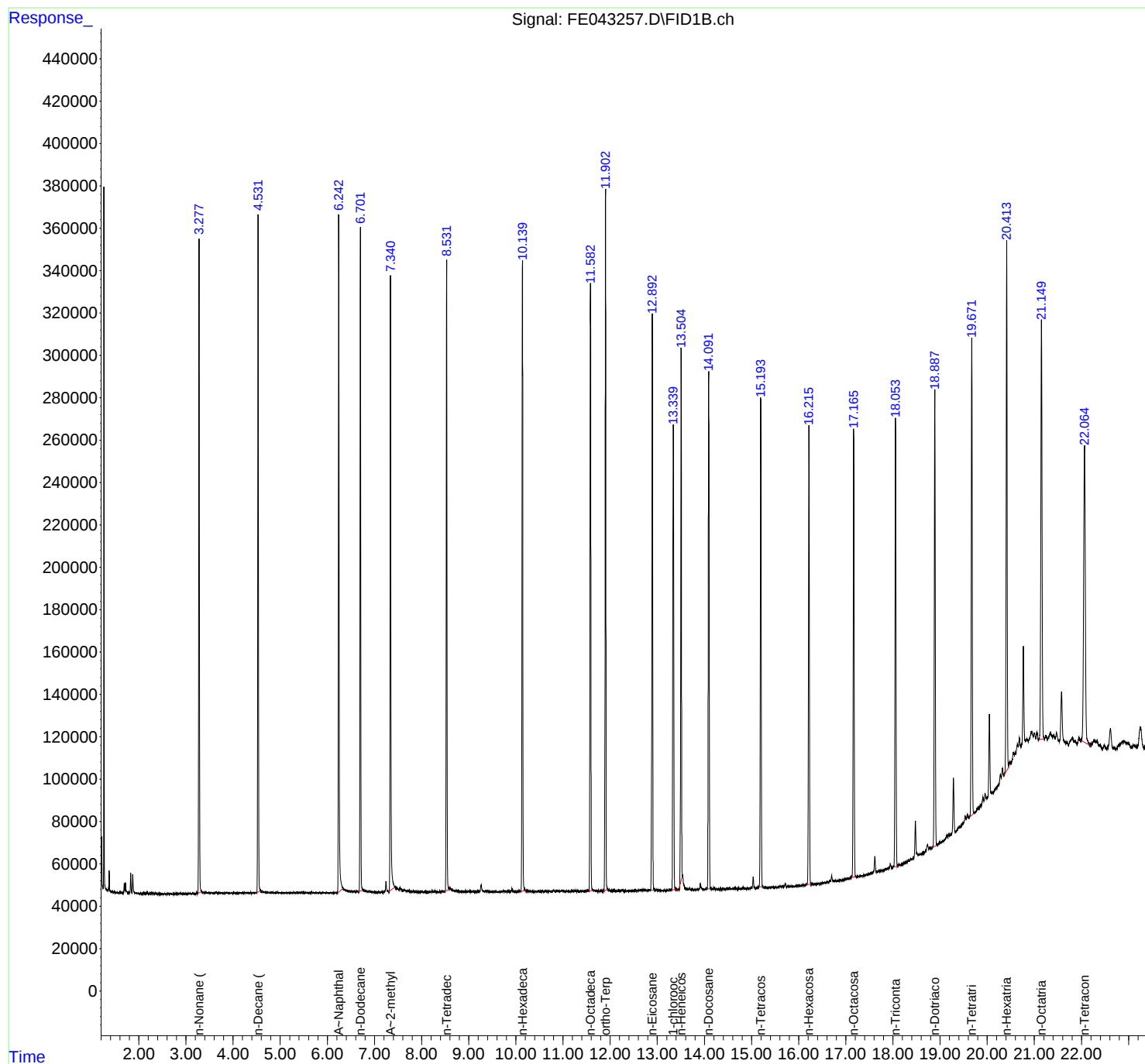
(m)=manual int.

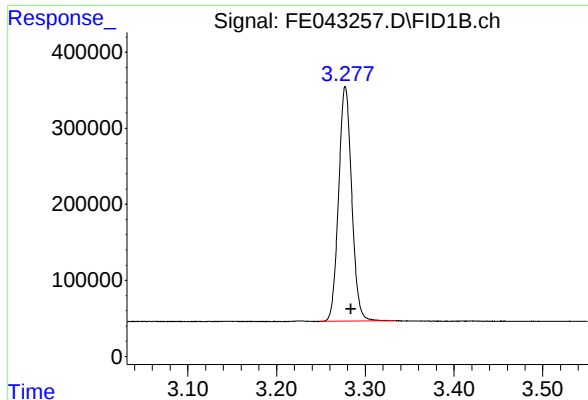
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071723AL\  
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Signal(s) : FID1B.ch  
Acq On : 17 Jul 2023 15:01  
Operator : YP\AJ  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Jul 18 04:18:24 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 13 03:02:53 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

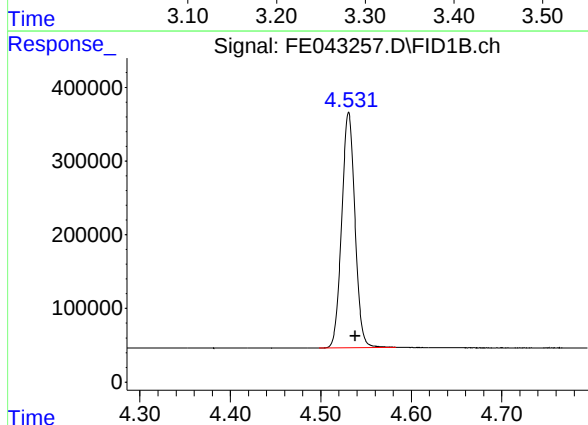




#1 n-Nonane (C9)

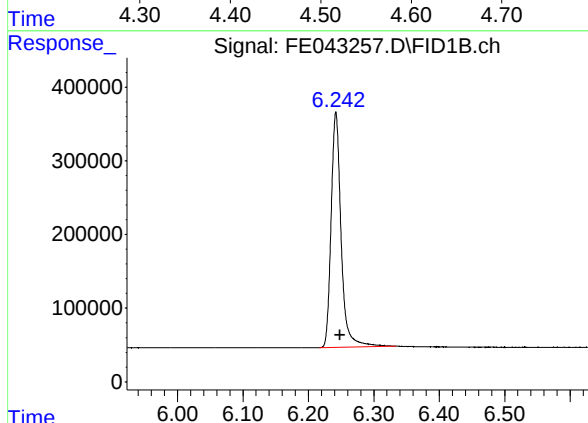
R.T.: 3.278 min  
Delta R.T.: -0.006 min  
Response: 3165277  
Conc: 20.73 ug/ml

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



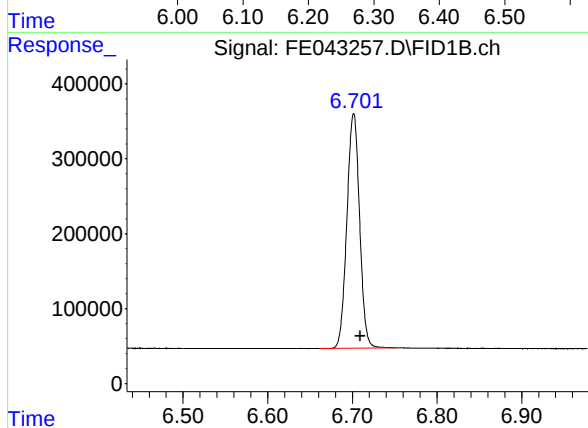
#2 n-Decane (C10)

R.T.: 4.531 min  
Delta R.T.: -0.007 min  
Response: 3250369  
Conc: 20.85 ug/ml



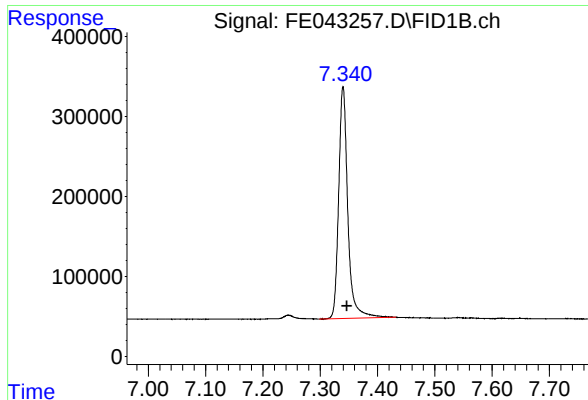
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min  
Delta R.T.: -0.006 min  
Response: 3390811  
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

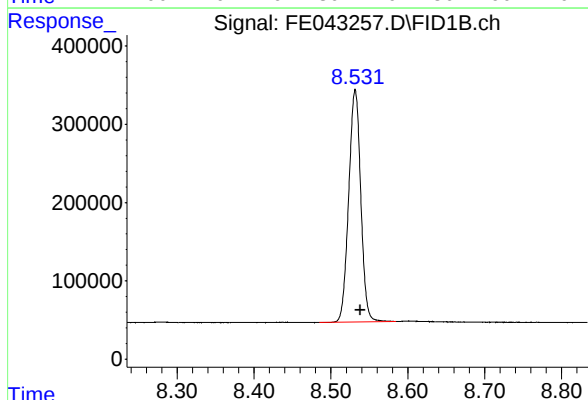
R.T.: 6.702 min  
Delta R.T.: -0.008 min  
Response: 3269175  
Conc: 20.75 ug/ml



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

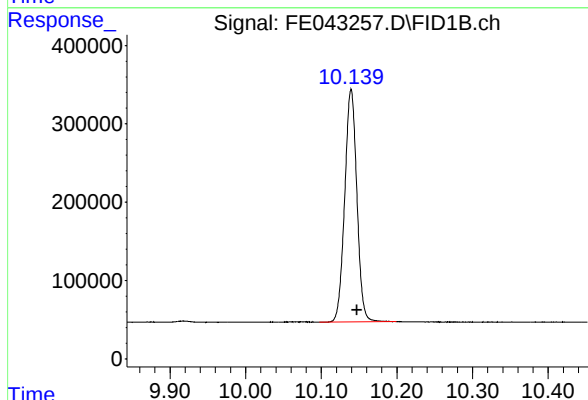
R.T.: 7.340 min  
Delta R.T.: -0.007 min  
Response: 3199271  
Conc: 21.08 ug/ml

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



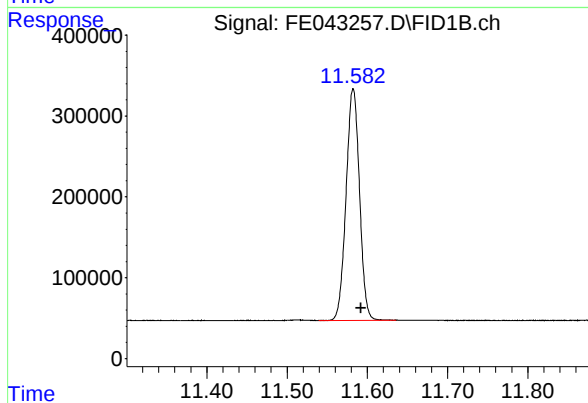
#6 n-Tetradecane (C14)

R.T.: 8.532 min  
Delta R.T.: -0.007 min  
Response: 3228163  
Conc: 20.41 ug/ml



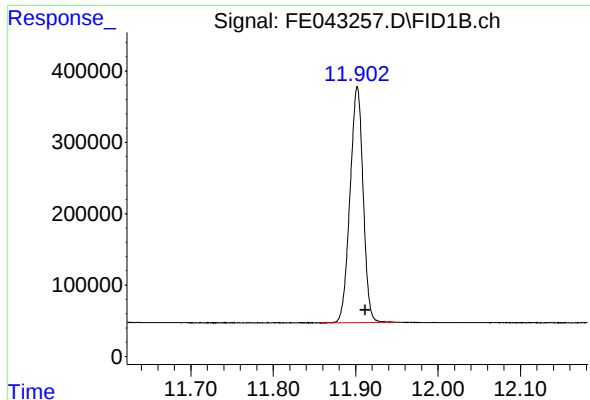
#7 n-Hexadecane (C16)

R.T.: 10.139 min  
Delta R.T.: -0.007 min  
Response: 3316524  
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

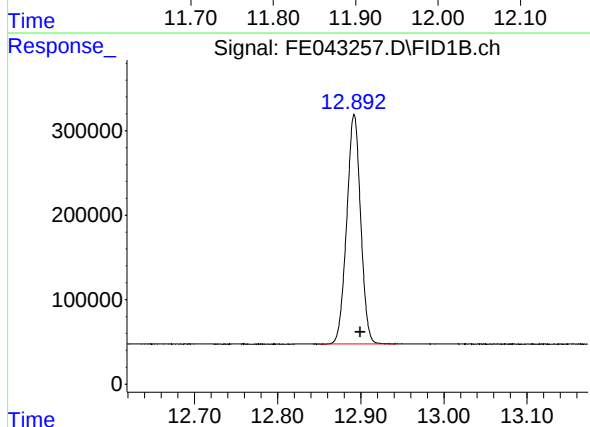
R.T.: 11.582 min  
Delta R.T.: -0.010 min  
Response: 3328285  
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

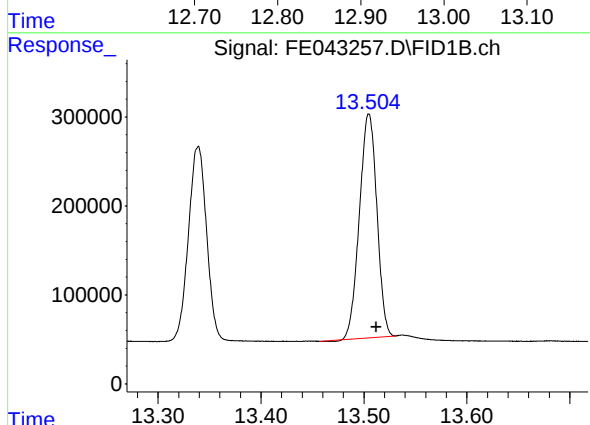
R.T.: 11.902 min  
Delta R.T.: -0.009 min  
Response: 3648156  
Conc: 20.37 ug/ml

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



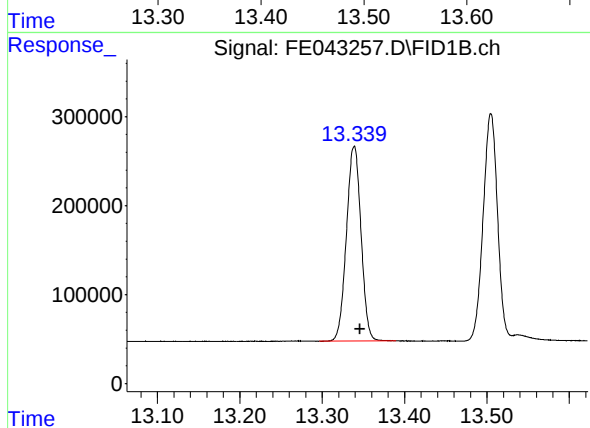
#10 n-Eicosane (C20)

R.T.: 12.892 min  
Delta R.T.: -0.008 min  
Response: 3168742  
Conc: 20.40 ug/ml



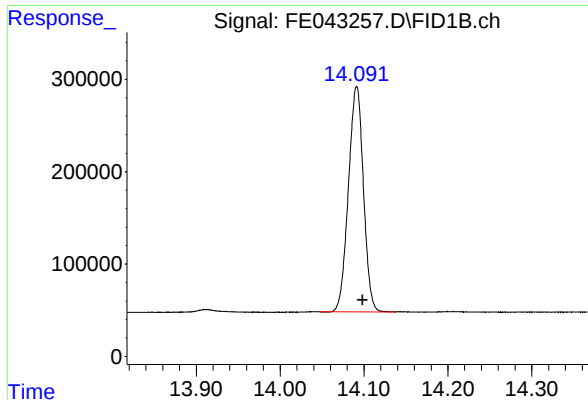
#11 n-Heneicosane (C21)

R.T.: 13.505 min  
Delta R.T.: -0.007 min  
Response: 2963497  
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

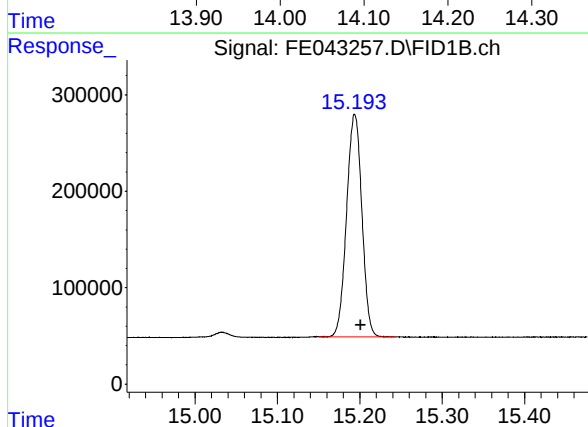
R.T.: 13.339 min  
Delta R.T.: -0.007 min  
Response: 2696595  
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

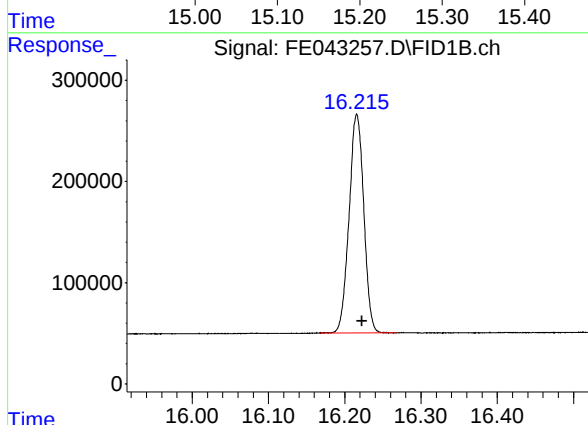
R.T.: 14.091 min  
Delta R.T.: -0.007 min  
Response: 3039301  
Conc: 20.34 ug/ml

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



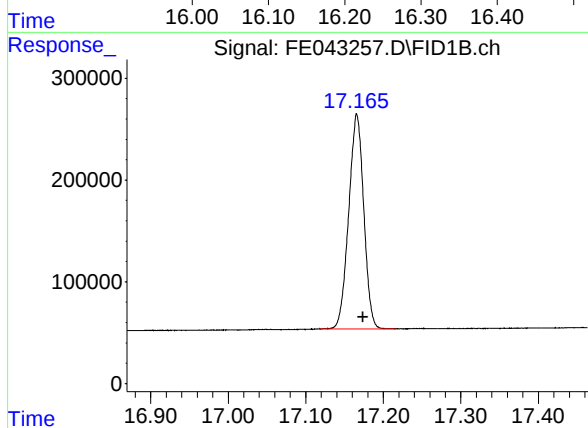
#14 n-Tetracosane (C24)

R.T.: 15.194 min  
Delta R.T.: -0.007 min  
Response: 2972109  
Conc: 20.24 ug/ml



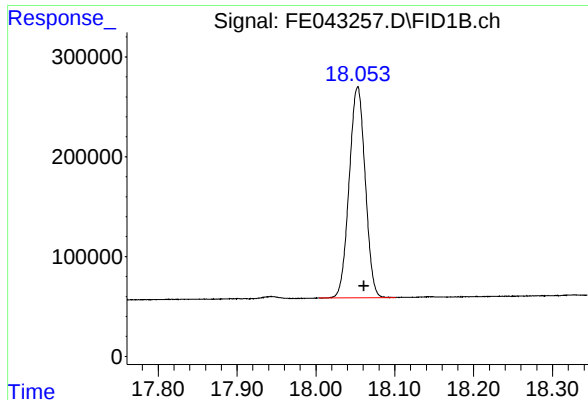
#15 n-Hexacosane (C26)

R.T.: 16.216 min  
Delta R.T.: -0.007 min  
Response: 2898666  
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

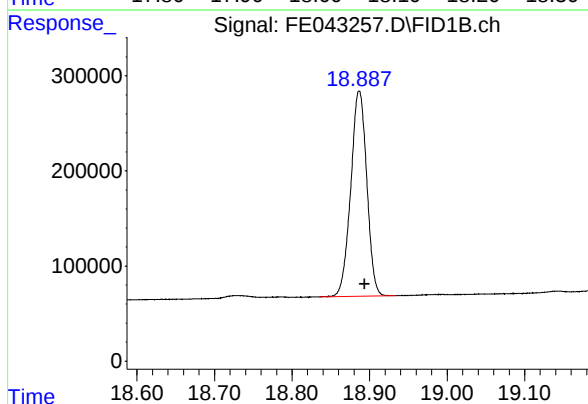
R.T.: 17.166 min  
Delta R.T.: -0.008 min  
Response: 2847681  
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

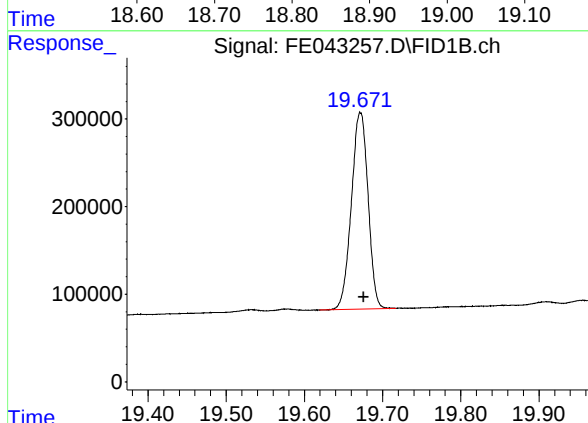
R.T.: 18.053 min  
Delta R.T.: -0.008 min  
Response: 2985610  
Conc: 20.27 ug/ml

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



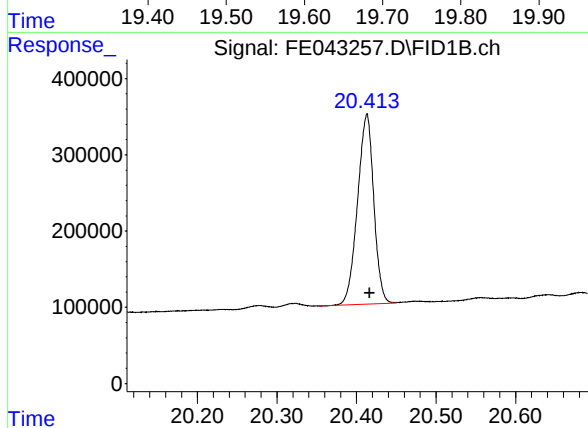
#18 n-Dotriacontane (C32)

R.T.: 18.887 min  
Delta R.T.: -0.007 min  
Response: 3099957  
Conc: 20.92 ug/ml



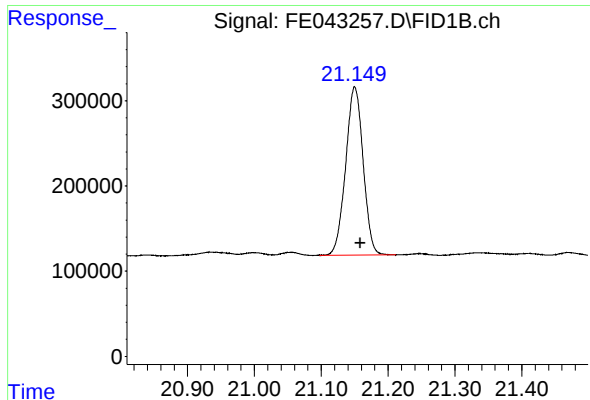
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min  
Delta R.T.: -0.004 min  
Response: 3327535  
Conc: 23.06 ug/ml



#20 n-Hexatriacontane (C36)

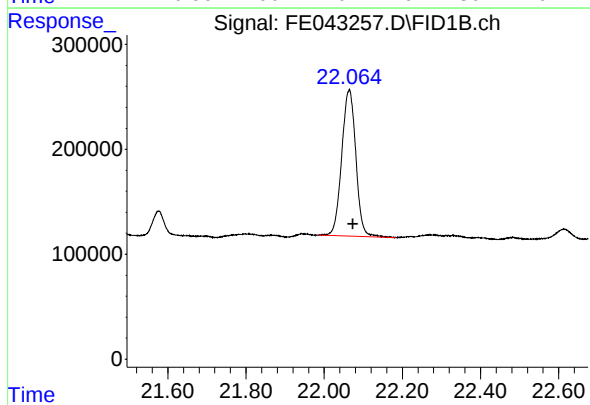
R.T.: 20.413 min  
Delta R.T.: -0.003 min  
Response: 3539799  
Conc: 24.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min  
Delta R.T.: -0.008 min  
Response: 3586994  
Conc: 25.15 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.064 min  
Delta R.T.: -0.010 min  
Response: 3491839  
Conc: 23.66 ug/ml