

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071823AL\  
 Data File : FE043310.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Jul 2023 06:25  
 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 19 06:49:02 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)    | 11.893 | 3694540    | 20.632 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.26%       |
| 12) S 1-chlorooctadecane (S... | 13.330 | 2734377    | 20.810 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.273  | 3111653    | 20.380 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 3207531    | 20.575 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.235  | 3372836    | 20.960 ug/ml |
| 4) T n-Dodecane (C12)          | 6.695  | 3244975    | 20.593 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.332  | 3185135    | 20.991 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.524  | 3231899    | 20.433 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.132 | 3341556    | 20.648 ug/ml |
| 8) T n-Octadecane (C18)        | 11.574 | 3362403    | 20.626 ug/ml |
| 10) T n-Eicosane (C20)         | 12.884 | 3213823    | 20.685 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.495 | 3120413    | 20.596 ug/ml |
| 13) T n-Docosane (C22)         | 14.081 | 3086540    | 20.653 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.184 | 3018886    | 20.556 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.206 | 2931855    | 20.585 ug/ml |
| 16) T n-Octacosane (C28)       | 17.155 | 2879329    | 20.464 ug/ml |
| 17) T n-Tricontane (C30)       | 18.042 | 2999054    | 20.358 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.875 | 3015308    | 20.349 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.657 | 2933790    | 20.328 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.399 | 2829852    | 19.254 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.134 | 2814806    | 19.732 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.043 | 2852536    | 19.328 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

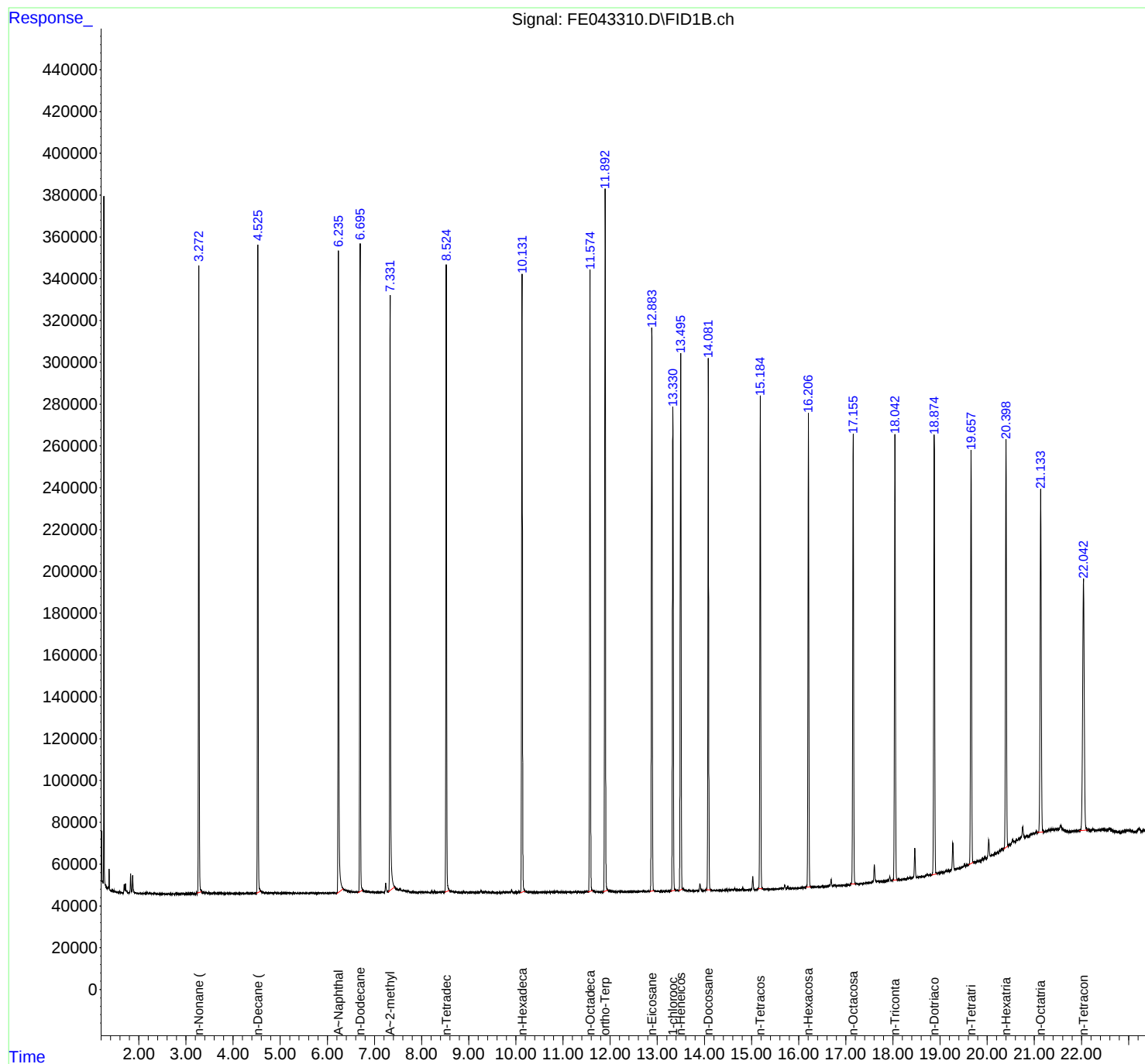
(m)=manual int.

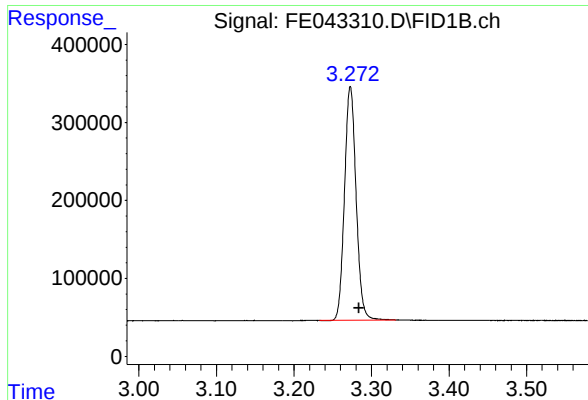
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071823AL\  
Data File : FE043310.D  
Signal(s) : FID1B.ch  
Acq On : 19 Jul 2023 06:25  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jul 19 06:49:02 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

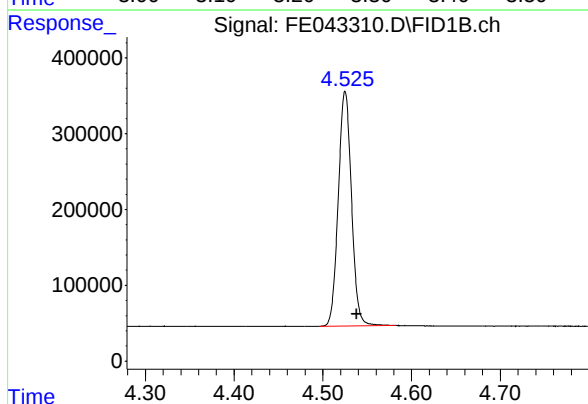




#1 n-Nonane (C9)

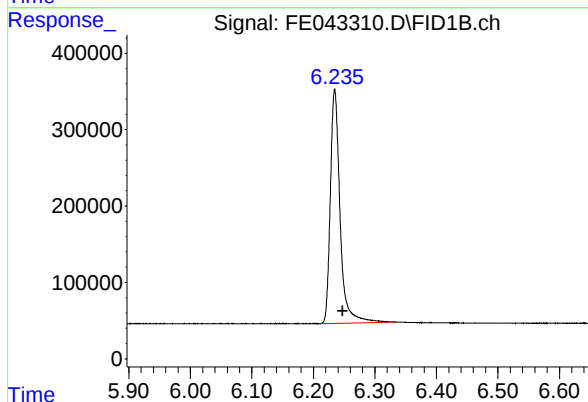
R.T.: 3.273 min  
Delta R.T.: -0.011 min  
Response: 3111653  
Conc: 20.38 ug/ml

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



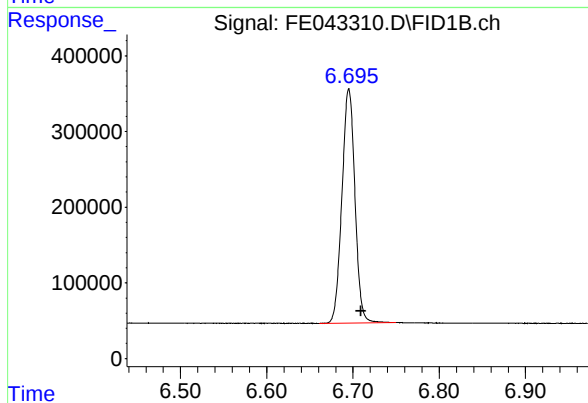
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: -0.013 min  
Response: 3207531  
Conc: 20.57 ug/ml



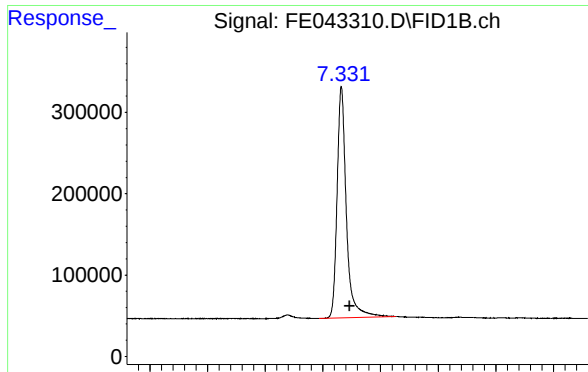
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min  
Delta R.T.: -0.013 min  
Response: 3372836  
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

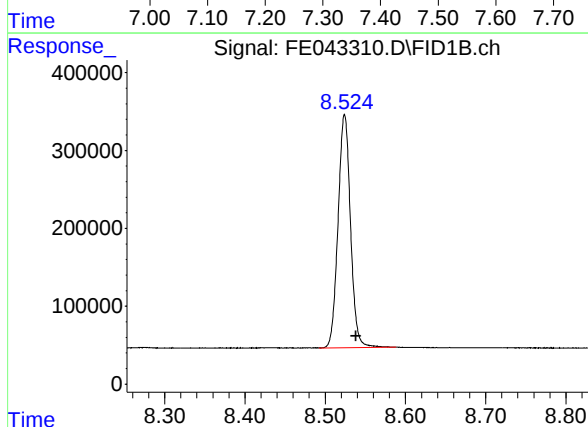
R.T.: 6.695 min  
Delta R.T.: -0.014 min  
Response: 3244975  
Conc: 20.59 ug/ml



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

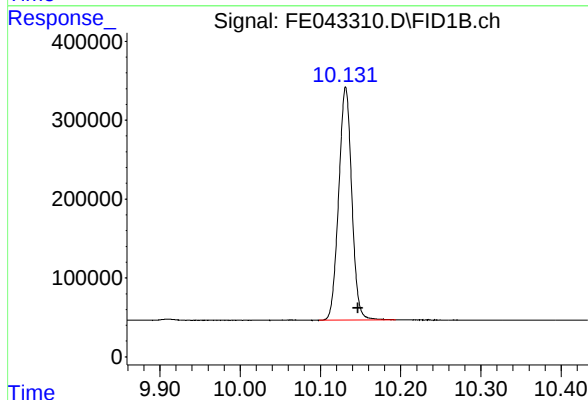
R.T.: 7.332 min  
Delta R.T.: -0.015 min  
Response: 3185135  
Conc: 20.99 ug/ml

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



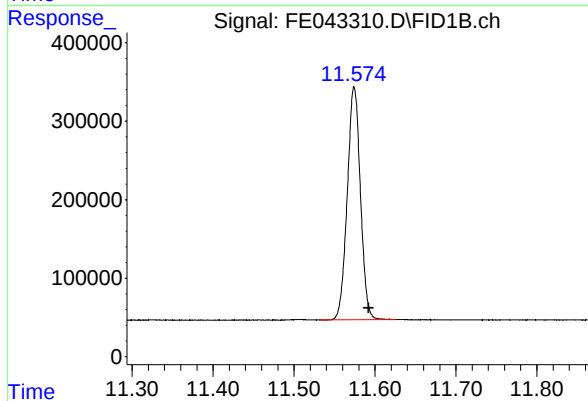
#6 n-Tetradecane (C14)

R.T.: 8.524 min  
Delta R.T.: -0.014 min  
Response: 3231899  
Conc: 20.43 ug/ml



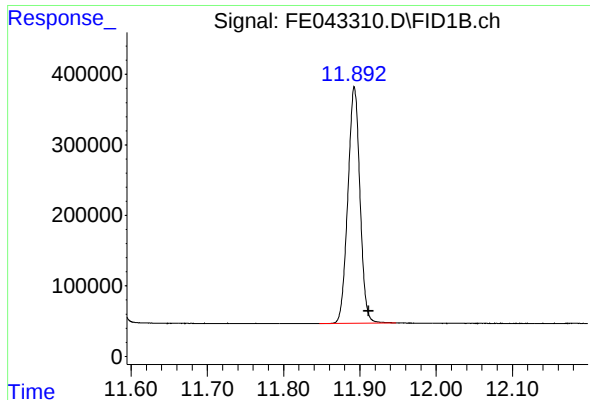
#7 n-Hexadecane (C16)

R.T.: 10.132 min  
Delta R.T.: -0.015 min  
Response: 3341556  
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

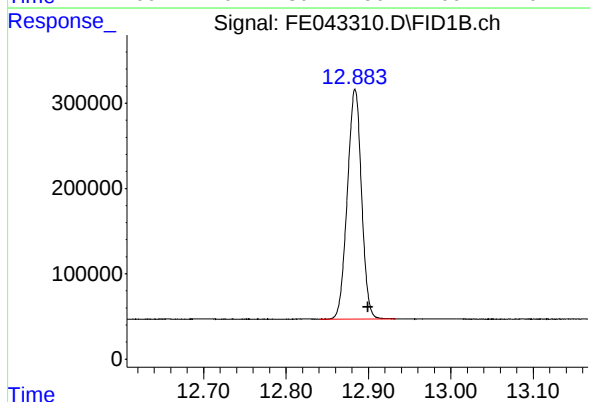
R.T.: 11.574 min  
Delta R.T.: -0.018 min  
Response: 3362403  
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

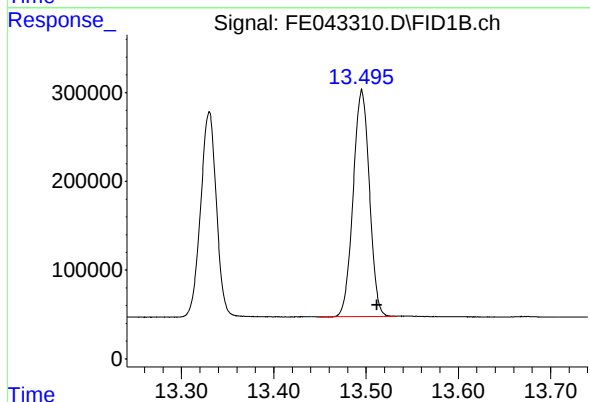
R.T.: 11.893 min  
Delta R.T.: -0.019 min  
Response: 3694540  
Conc: 20.63 ug/ml

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



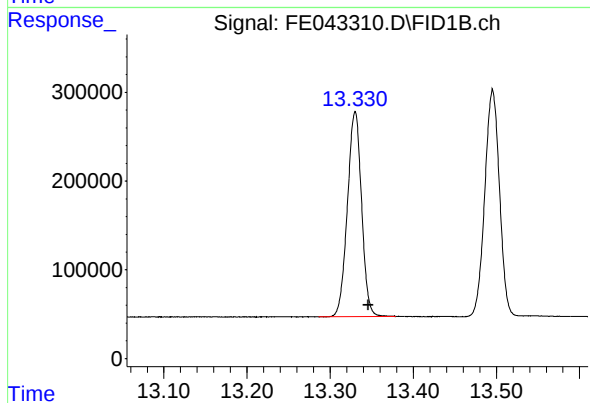
#10 n-Eicosane (C20)

R.T.: 12.884 min  
Delta R.T.: -0.016 min  
Response: 3213823  
Conc: 20.69 ug/ml



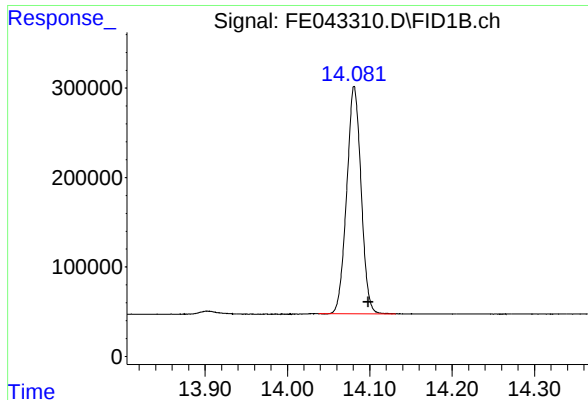
#11 n-Heneicosane (C21)

R.T.: 13.495 min  
Delta R.T.: -0.017 min  
Response: 3120413  
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

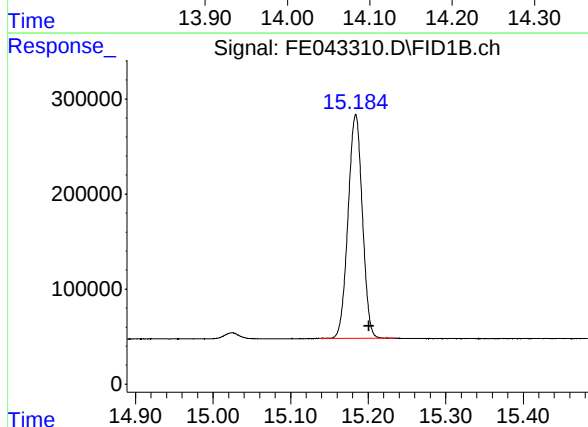
R.T.: 13.330 min  
Delta R.T.: -0.016 min  
Response: 2734377  
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

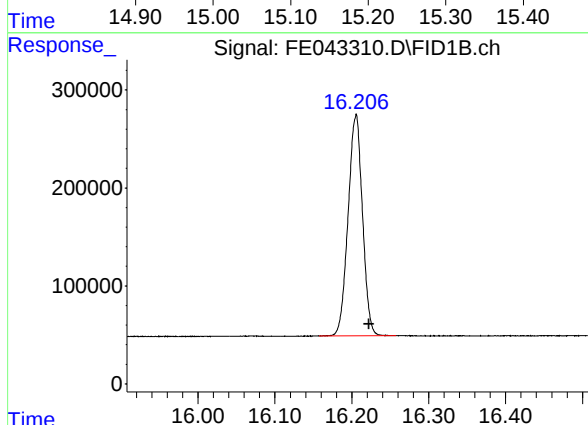
R.T.: 14.081 min  
Delta R.T.: -0.017 min  
Response: 3086540  
Conc: 20.65 ug/ml

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



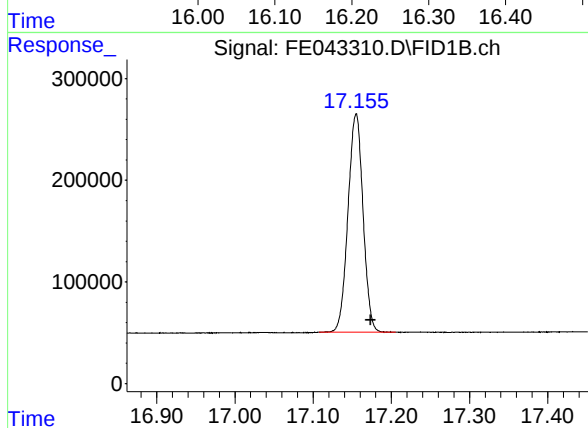
#14 n-Tetracosane (C24)

R.T.: 15.184 min  
Delta R.T.: -0.017 min  
Response: 3018886  
Conc: 20.56 ug/ml



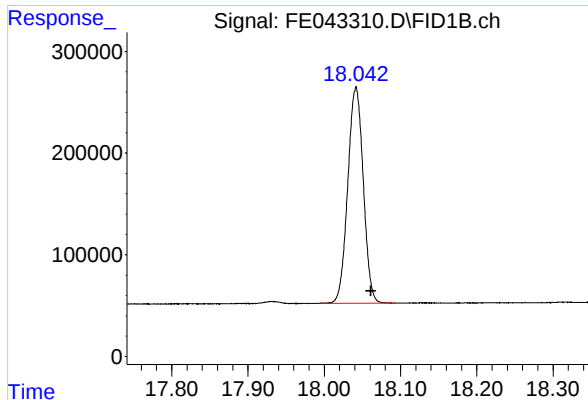
#15 n-Hexacosane (C26)

R.T.: 16.206 min  
Delta R.T.: -0.017 min  
Response: 2931855  
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

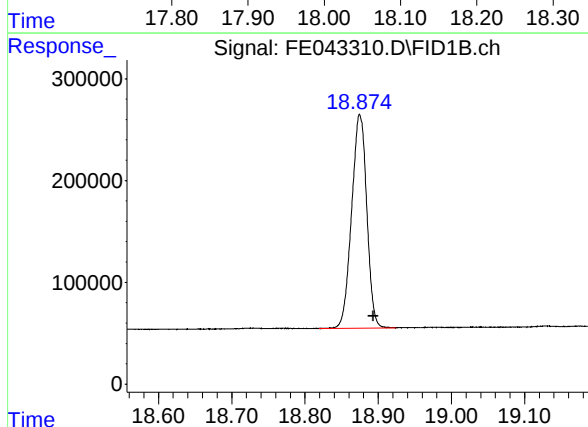
R.T.: 17.155 min  
Delta R.T.: -0.018 min  
Response: 2879329  
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

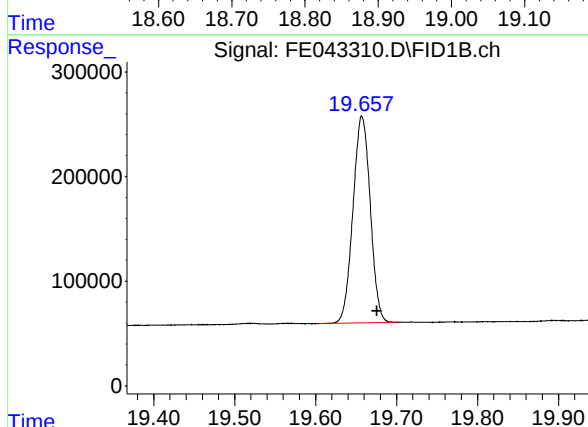
R.T.: 18.042 min  
Delta R.T.: -0.019 min  
Response: 2999054  
Conc: 20.36 ug/ml

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



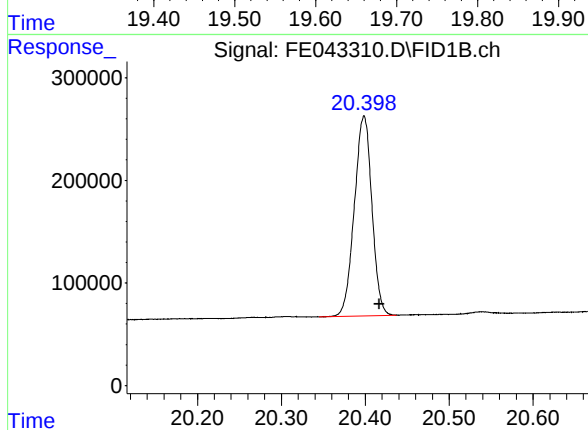
#18 n-Dotriacontane (C32)

R.T.: 18.875 min  
Delta R.T.: -0.019 min  
Response: 3015308  
Conc: 20.35 ug/ml



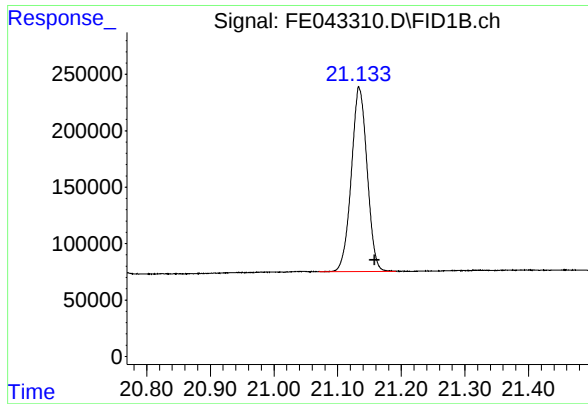
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min  
Delta R.T.: -0.019 min  
Response: 2933790  
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

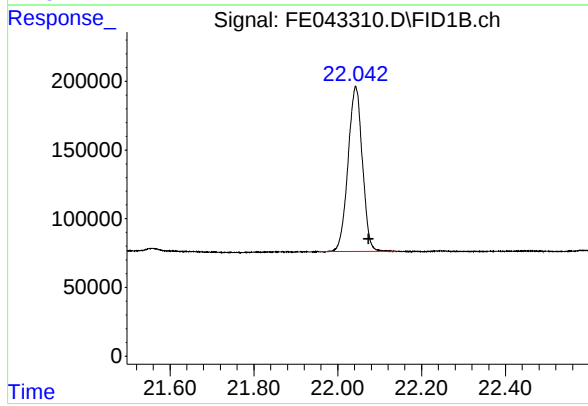
R.T.: 20.399 min  
Delta R.T.: -0.018 min  
Response: 2829852  
Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min  
Delta R.T.: -0.025 min  
Response: 2814806  
Conc: 19.73 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.043 min  
Delta R.T.: -0.031 min  
Response: 2852536  
Conc: 19.33 ug/ml