

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071823AL\  
 Data File : FE043298.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Jul 2023 23:17  
 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 01:50:36 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 | 3626810    | 20.254 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.51%       |
| 12) S 1-chlorooctadecane (S... | 13.331 | 2686786    | 20.448 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.90%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.273  | 3078772    | 20.165 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 3168347    | 20.323 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.235  | 3317510    | 20.617 ug/ml |
| 4) T n-Dodecane (C12)          | 6.696  | 3192160    | 20.258 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.333  | 3137511    | 20.677 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.525  | 3177551    | 20.090 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.132 | 3275650    | 20.241 ug/ml |
| 8) T n-Octadecane (C18)        | 11.575 | 3296318    | 20.221 ug/ml |
| 10) T n-Eicosane (C20)         | 12.884 | 3151277    | 20.283 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.496 | 3067062    | 20.244 ug/ml |
| 13) T n-Docosane (C22)         | 14.082 | 3032947    | 20.294 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.185 | 2967913    | 20.209 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.207 | 2885526    | 20.259 ug/ml |
| 16) T n-Octacosane (C28)       | 17.156 | 2834278    | 20.144 ug/ml |
| 17) T n-Tricontane (C30)       | 18.044 | 2949676    | 20.023 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.876 | 2968190    | 20.031 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.659 | 2886399    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.399 | 2787541    | 18.966 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.138 | 2769130    | 19.412 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.044 | 2787561    | 18.888 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

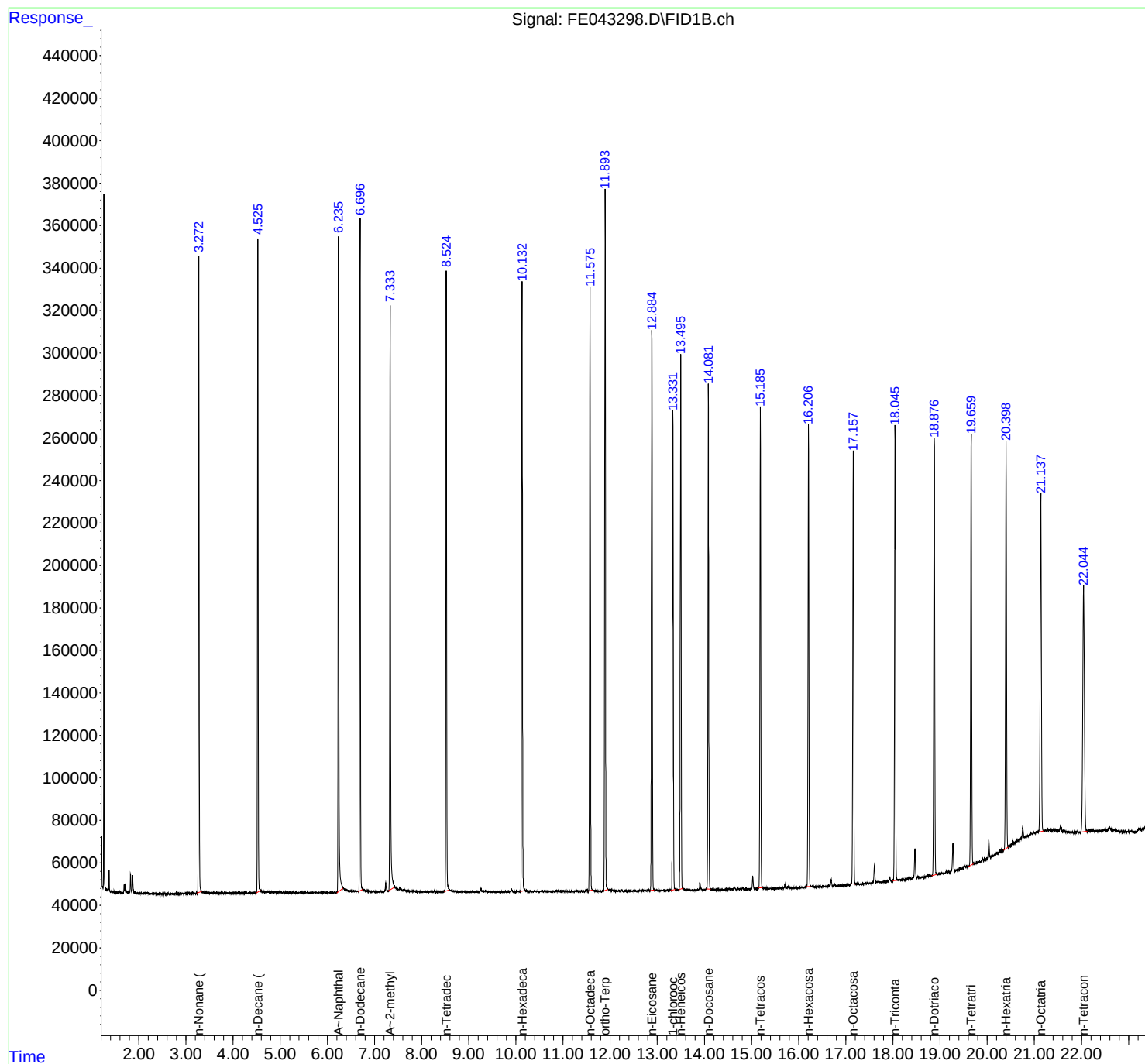
(m)=manual int.

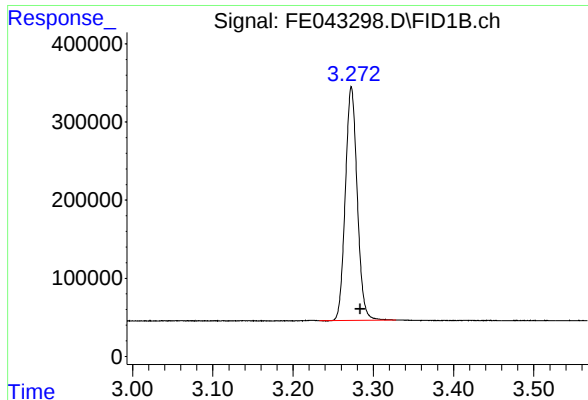
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071823AL\  
Data File : FE043298.D  
Signal(s) : FID1B.ch  
Acq On : 18 Jul 2023 23:17  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jul 19 01:50:36 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

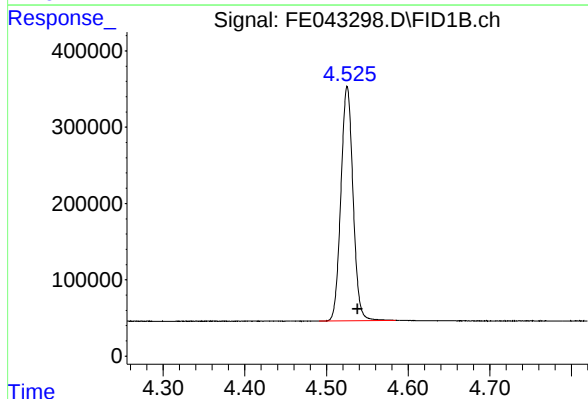




#1 n-Nonane (C9)

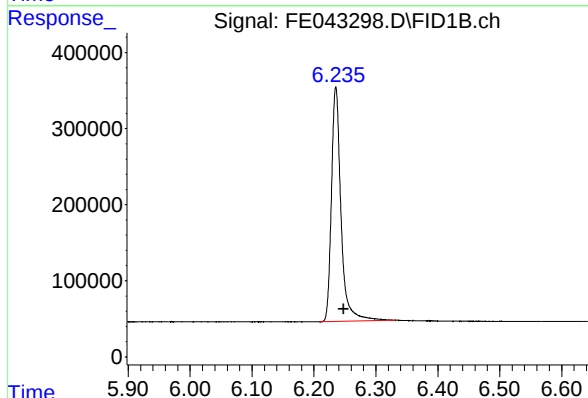
R.T.: 3.273 min  
Delta R.T.: -0.011 min  
Response: 3078772  
Conc: 20.16 ug/ml

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



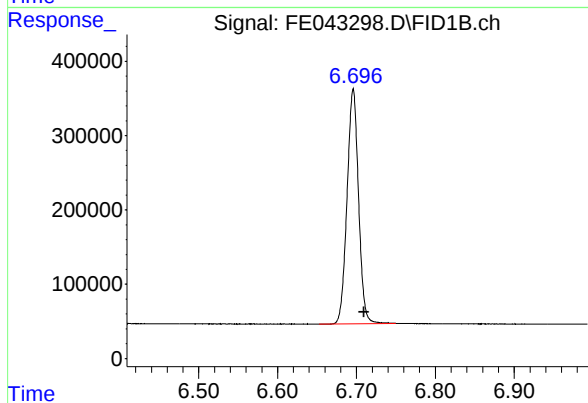
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: -0.013 min  
Response: 3168347  
Conc: 20.32 ug/ml



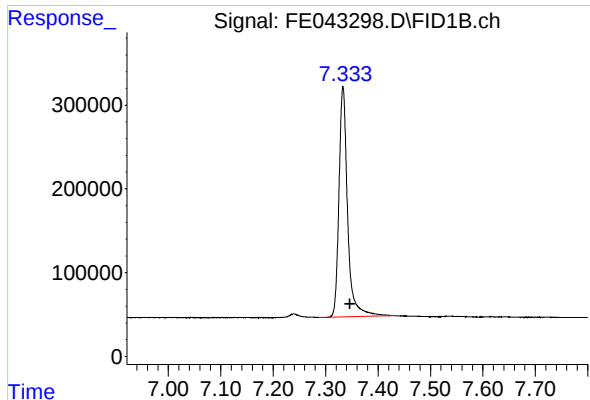
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min  
Delta R.T.: -0.013 min  
Response: 3317510  
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

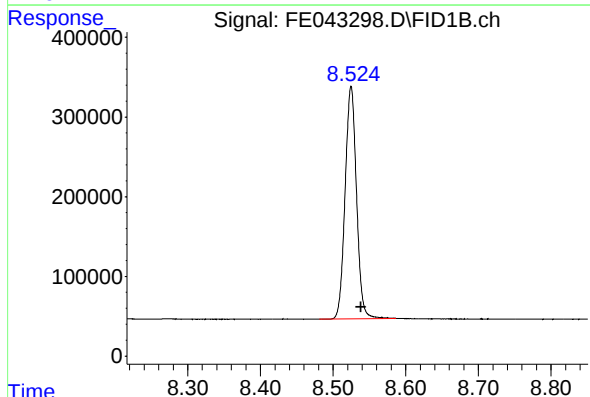
R.T.: 6.696 min  
Delta R.T.: -0.014 min  
Response: 3192160  
Conc: 20.26 ug/ml



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

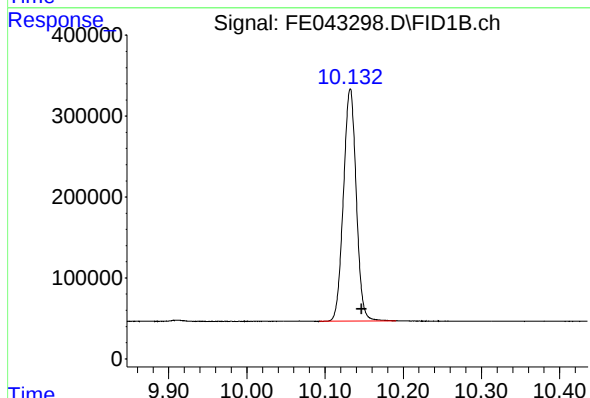
R.T.: 7.333 min  
Delta R.T.: -0.013 min  
Response: 3137511  
Conc: 20.68 ug/ml

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



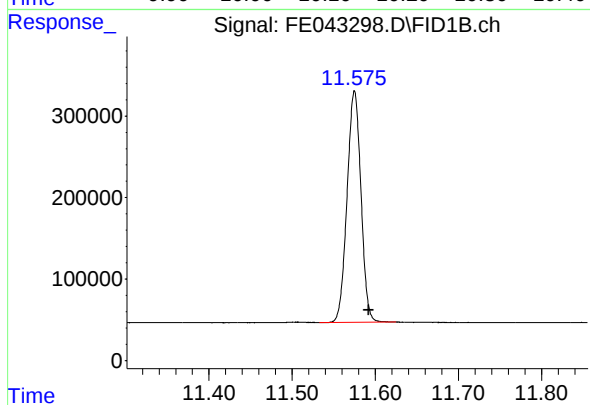
#6 n-Tetradecane (C14)

R.T.: 8.525 min  
Delta R.T.: -0.014 min  
Response: 3177551  
Conc: 20.09 ug/ml



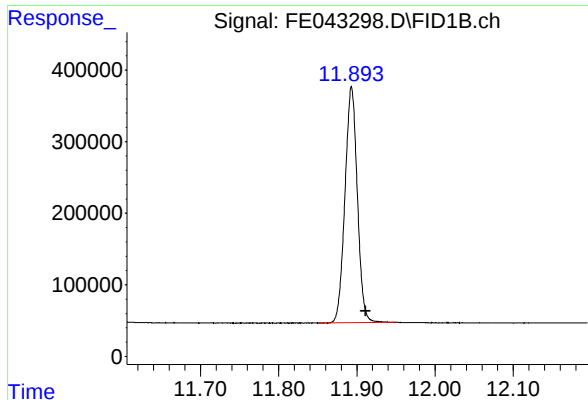
#7 n-Hexadecane (C16)

R.T.: 10.132 min  
Delta R.T.: -0.015 min  
Response: 3275650  
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

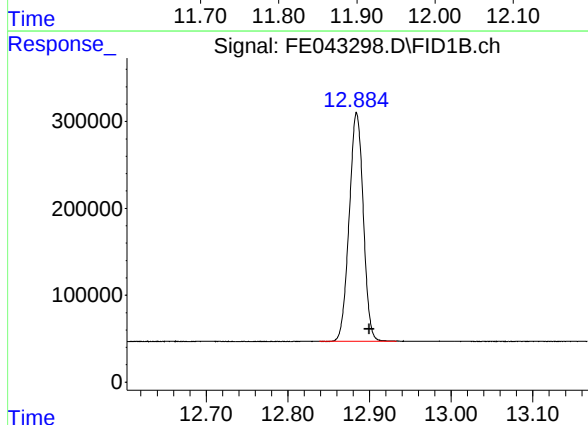
R.T.: 11.575 min  
Delta R.T.: -0.017 min  
Response: 3296318  
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

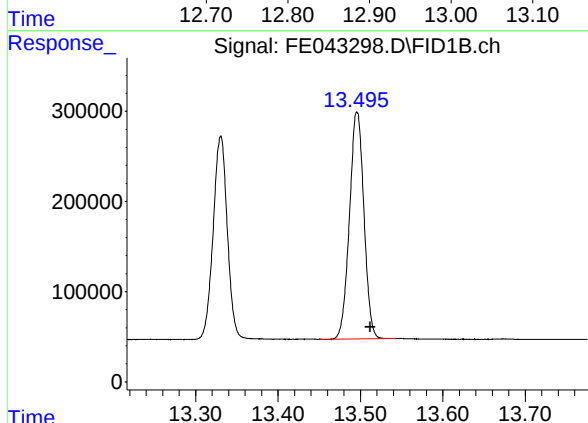
R.T.: 11.893 min  
Delta R.T.: -0.018 min  
Response: 3626810  
Conc: 20.25 ug/ml

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



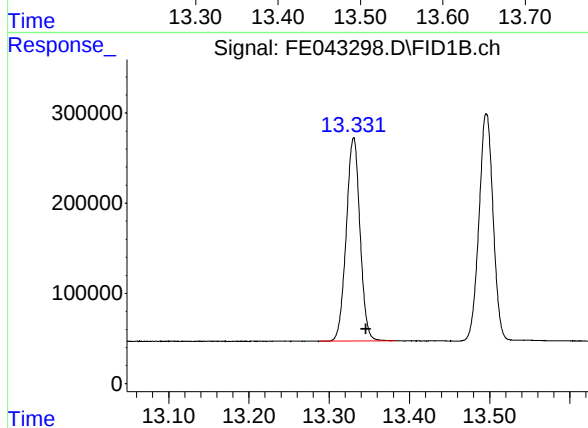
#10 n-Eicosane (C20)

R.T.: 12.884 min  
Delta R.T.: -0.015 min  
Response: 3151277  
Conc: 20.28 ug/ml



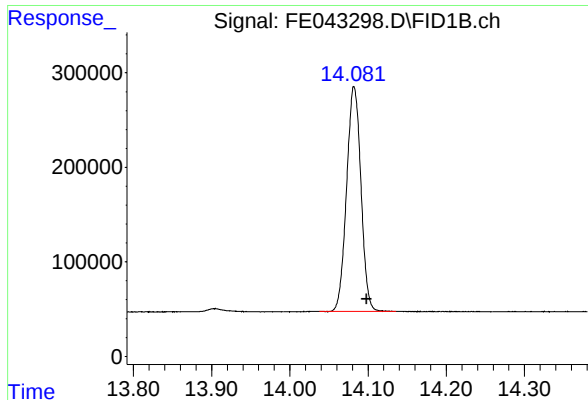
#11 n-Heneicosane (C21)

R.T.: 13.496 min  
Delta R.T.: -0.016 min  
Response: 3067062  
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

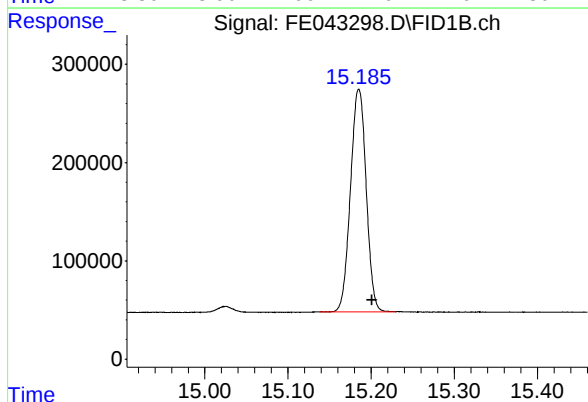
R.T.: 13.331 min  
Delta R.T.: -0.015 min  
Response: 2686786  
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

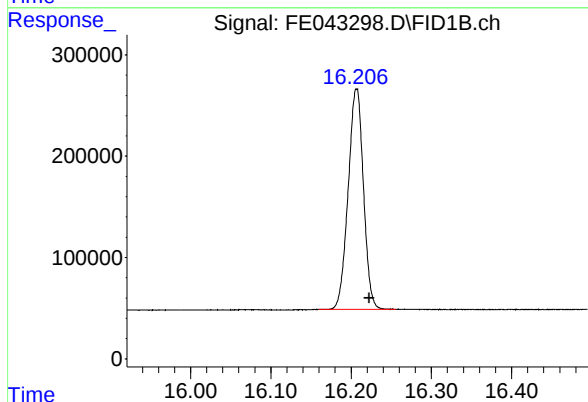
R.T.: 14.082 min  
Delta R.T.: -0.016 min  
Response: 3032947  
Conc: 20.29 ug/ml

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



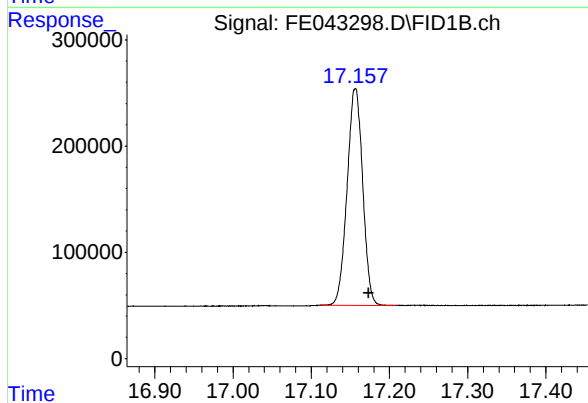
#14 n-Tetracosane (C24)

R.T.: 15.185 min  
Delta R.T.: -0.016 min  
Response: 2967913  
Conc: 20.21 ug/ml



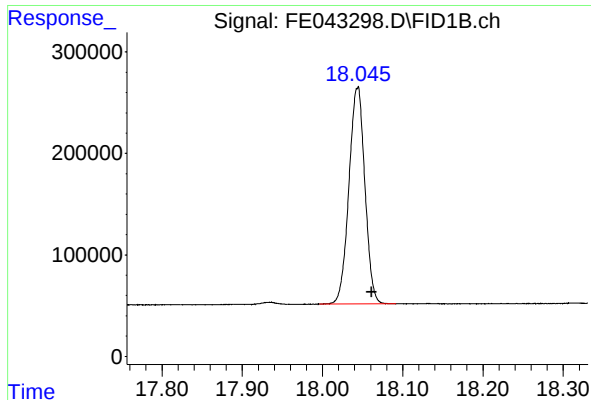
#15 n-Hexacosane (C26)

R.T.: 16.207 min  
Delta R.T.: -0.016 min  
Response: 2885526  
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

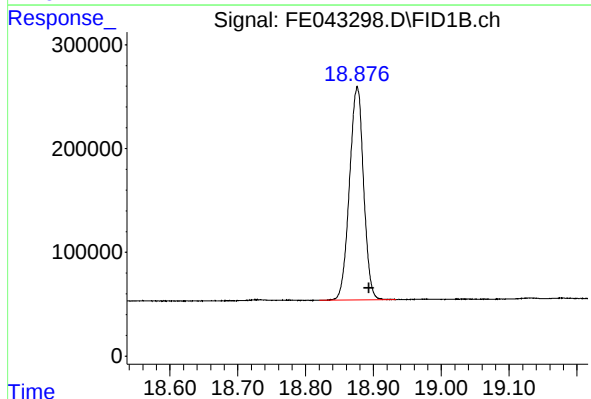
R.T.: 17.156 min  
Delta R.T.: -0.017 min  
Response: 2834278  
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

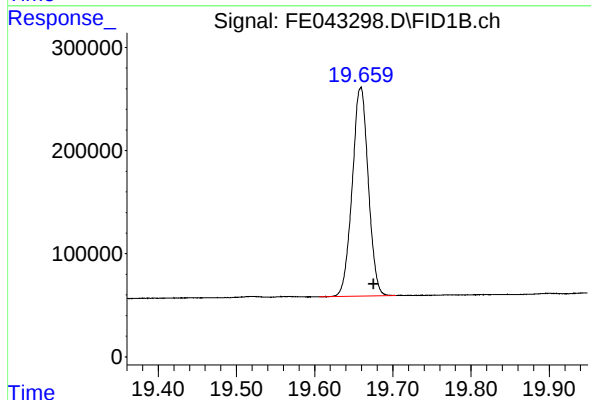
R.T.: 18.044 min  
Delta R.T.: -0.017 min  
Response: 2949676  
Conc: 20.02 ug/ml

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



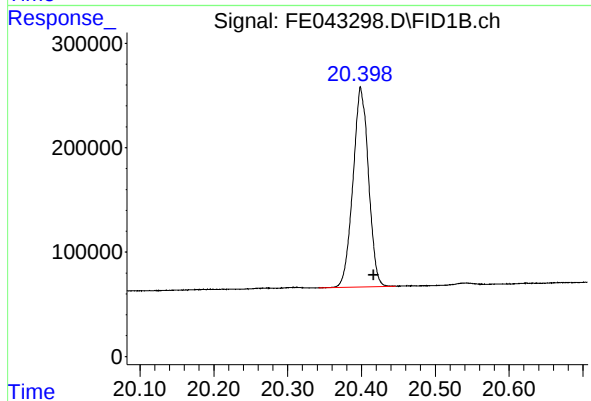
#18 n-Dotriacontane (C32)

R.T.: 18.876 min  
Delta R.T.: -0.017 min  
Response: 2968190  
Conc: 20.03 ug/ml



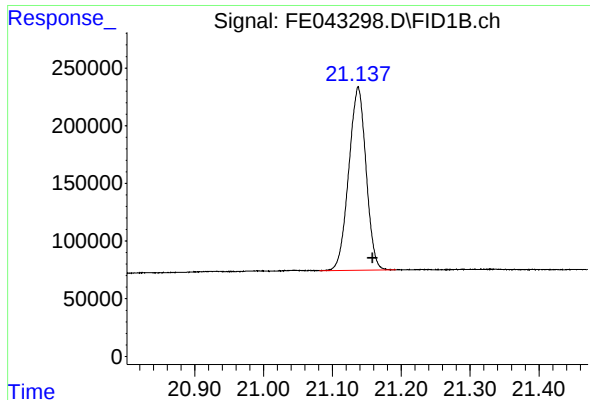
#19 n-Tetatriacontane (C34)

R.T.: 19.659 min  
Delta R.T.: -0.017 min  
Response: 2886399  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

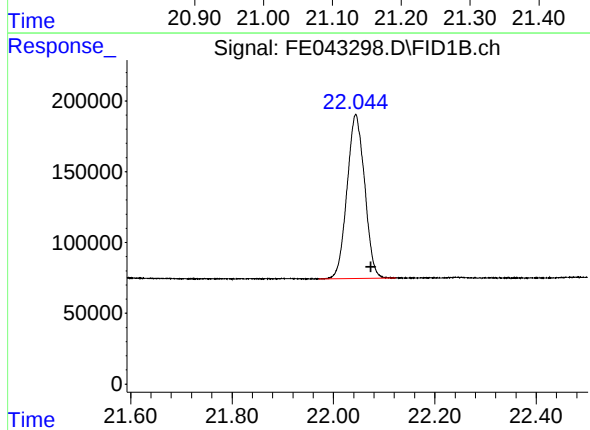
R.T.: 20.399 min  
Delta R.T.: -0.018 min  
Response: 2787541  
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min  
Delta R.T.: -0.021 min  
Response: 2769130  
Conc: 19.41 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.044 min  
Delta R.T.: -0.030 min  
Response: 2787561  
Conc: 18.89 ug/ml