

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050625AL\  
 Data File : FE053681.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 May 2025 22:34  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 07 03:30:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 29 06:49:03 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)    | 11.864 | 3534695    | 19.598 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.20%       |
| 12) S 1-chlorooctadecane (S... | 13.309 | 2621737    | 19.395 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.79%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.209  | 2808788    | 20.487 ug/ml |
| 2) T n-Decane (C10)            | 4.472  | 2852669    | 20.621 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.185  | 3133349    | 20.758 ug/ml |
| 4) T n-Dodecane (C12)          | 6.653  | 2901532    | 20.688 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.287  | 3086037    | 20.670 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.488  | 2891423    | 20.610 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.102 | 2913267    | 20.327 ug/ml |
| 8) T n-Octadecane (C18)        | 11.549 | 2915526    | 20.006 ug/ml |
| 10) T n-Eicosane (C20)         | 12.863 | 2859890    | 19.654 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.477 | 2827706    | 19.522 ug/ml |
| 13) T n-Docosane (C22)         | 14.065 | 2789059    | 19.328 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.171 | 2740362    | 19.078 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.194 | 2681251    | 18.931 ug/ml |
| 16) T n-Octacosane (C28)       | 17.146 | 2640948    | 18.982 ug/ml |
| 17) T n-Tricontane (C30)       | 18.035 | 2682525    | 19.272 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.869 | 2708315    | 19.724 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.654 | 2609808    | 20.030 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.395 | 2620632    | 20.758 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.128 | 2727801    | 22.390 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.032 | 2490807    | 20.857 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

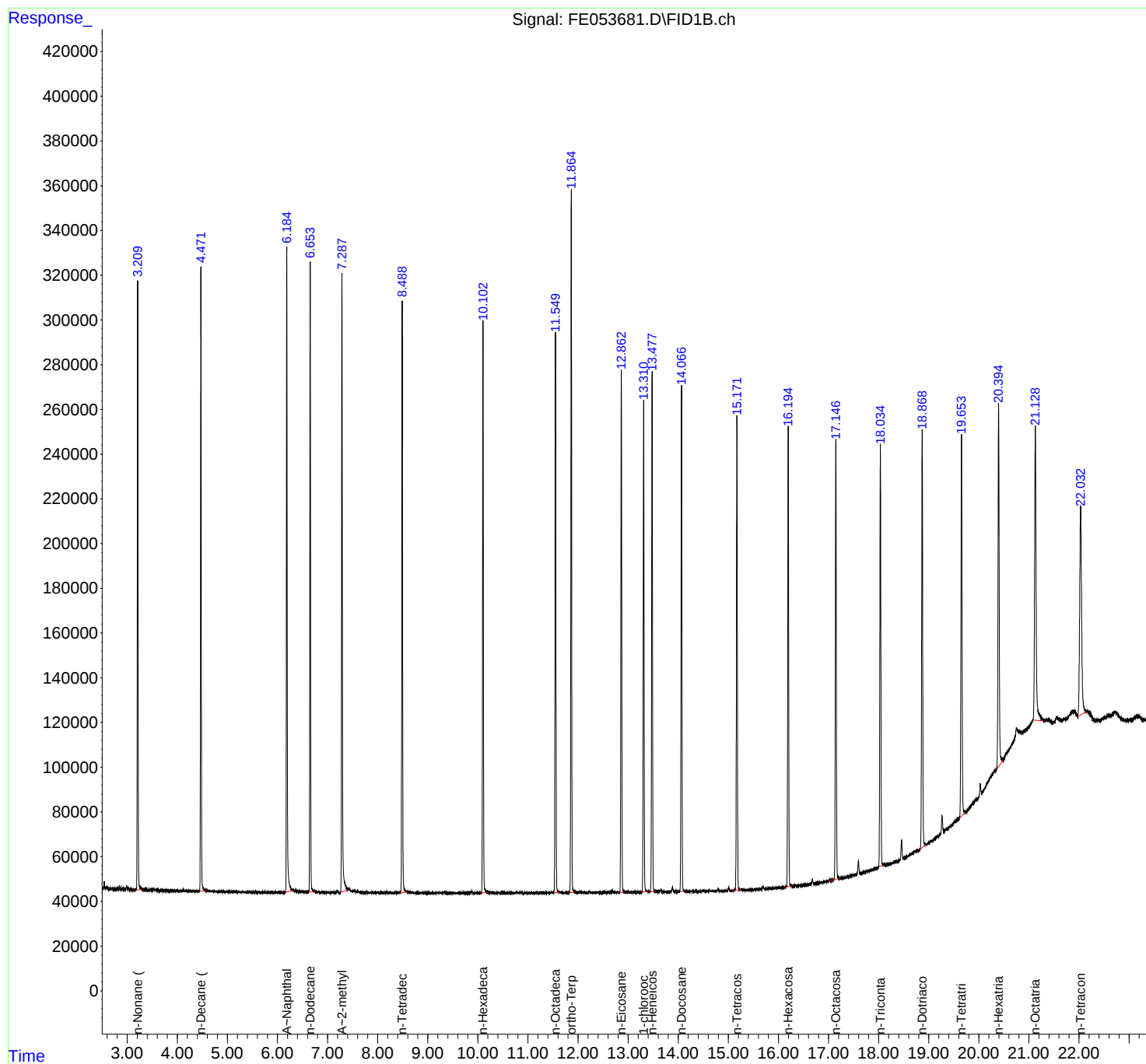
(m)=manual int.

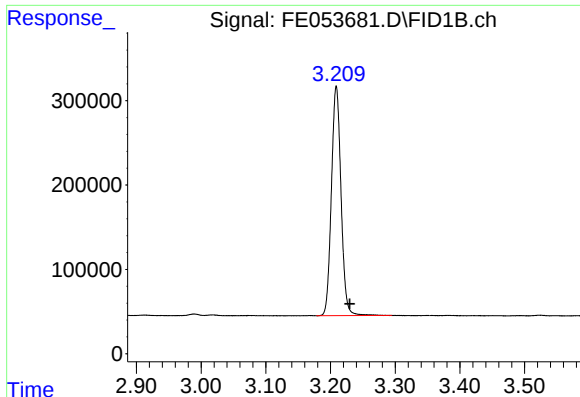
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050625AL\  
Data File : FE053681.D  
Signal(s) : FID1B.ch  
Acq On : 06 May 2025 22:34  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: May 07 03:30:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 29 06:49:03 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

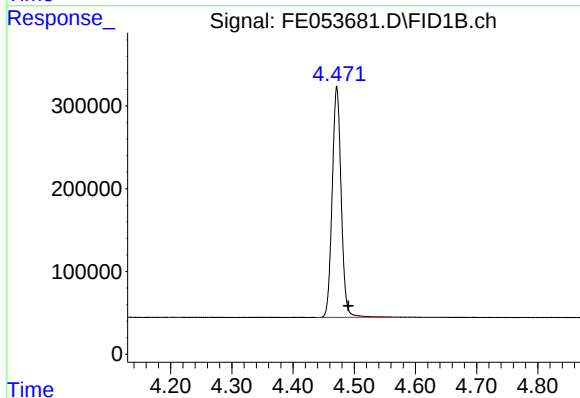




#1 n-Nonane (C9)

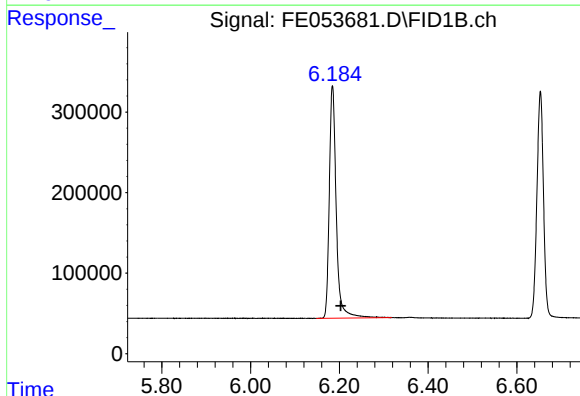
R.T.: 3.209 min  
Delta R.T.: -0.021 min  
Response: 2808788  
Conc: 20.49 ug/ml

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



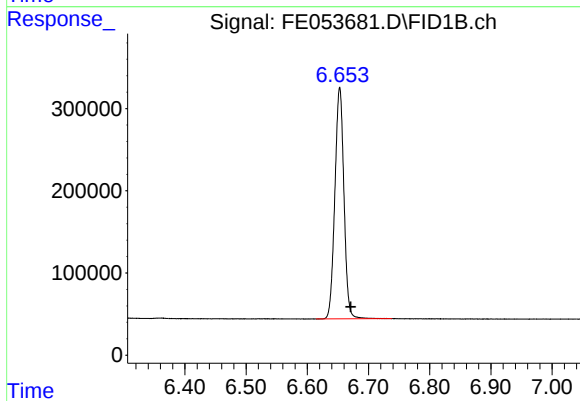
#2 n-Decane (C10)

R.T.: 4.472 min  
Delta R.T.: -0.019 min  
Response: 2852669  
Conc: 20.62 ug/ml



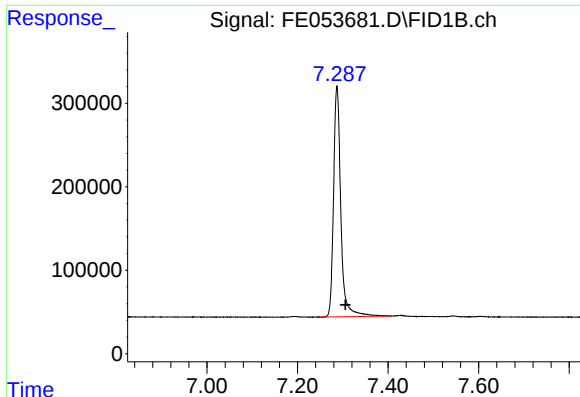
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min  
Delta R.T.: -0.019 min  
Response: 3133349  
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

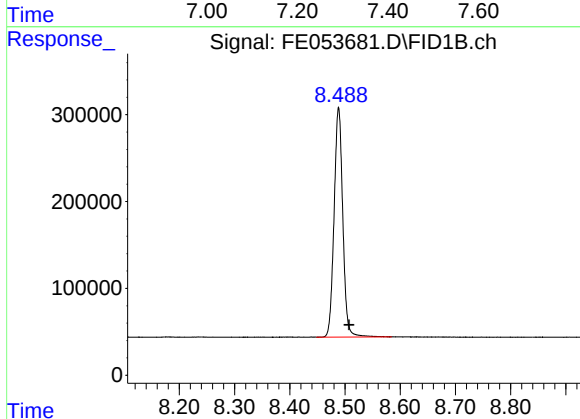
R.T.: 6.653 min  
Delta R.T.: -0.018 min  
Response: 2901532  
Conc: 20.69 ug/ml



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

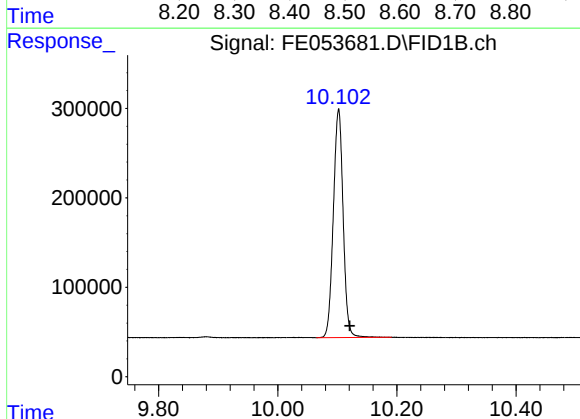
R.T.: 7.287 min  
Delta R.T.: -0.018 min  
Response: 3086037  
Conc: 20.67 ug/ml

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



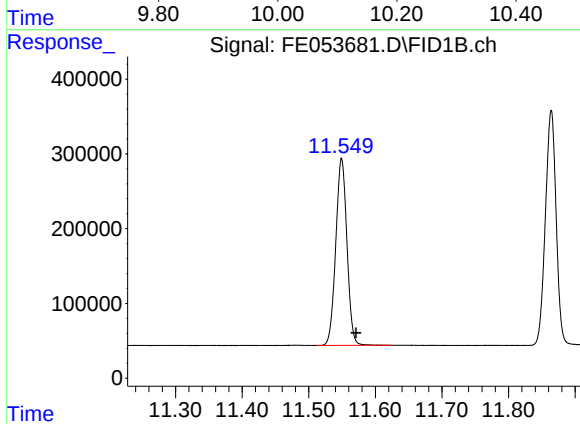
#6 n-Tetradecane (C14)

R.T.: 8.488 min  
Delta R.T.: -0.019 min  
Response: 2891423  
Conc: 20.61 ug/ml



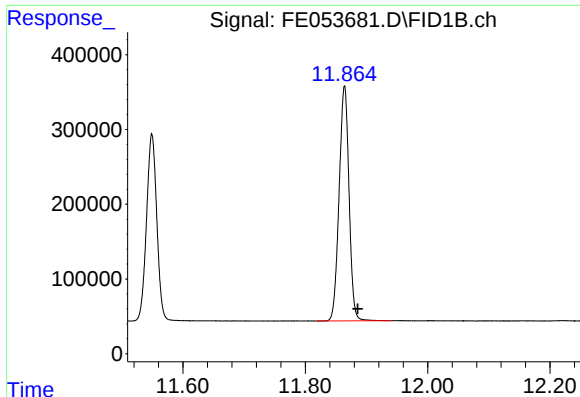
#7 n-Hexadecane (C16)

R.T.: 10.102 min  
Delta R.T.: -0.019 min  
Response: 2913267  
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

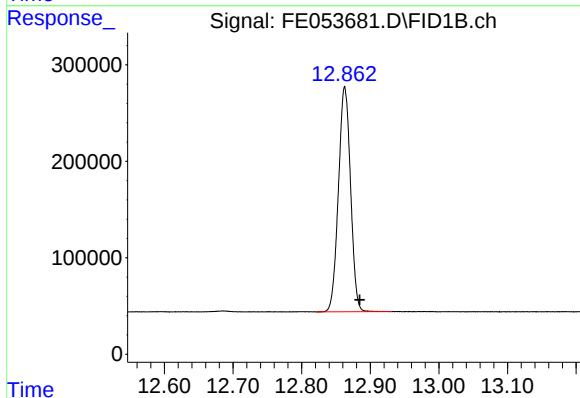
R.T.: 11.549 min  
Delta R.T.: -0.021 min  
Response: 2915526  
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

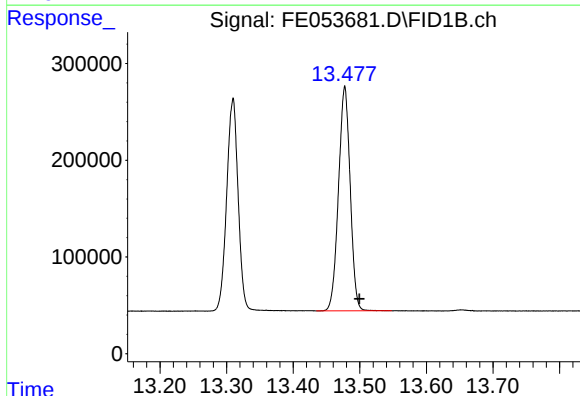
R.T.: 11.864 min  
Delta R.T.: -0.022 min  
Response: 3534695  
Conc: 19.60 ug/ml

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



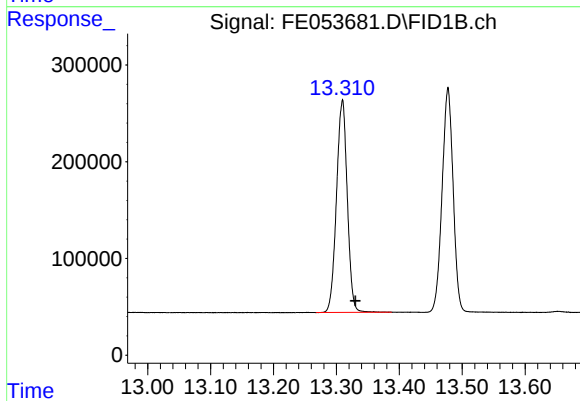
#10 n-Eicosane (C20)

R.T.: 12.863 min  
Delta R.T.: -0.022 min  
Response: 2859890  
Conc: 19.65 ug/ml



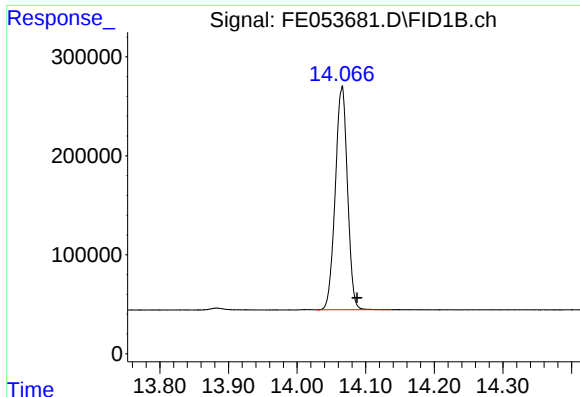
#11 n-Heneicosane (C21)

R.T.: 13.477 min  
Delta R.T.: -0.022 min  
Response: 2827706  
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

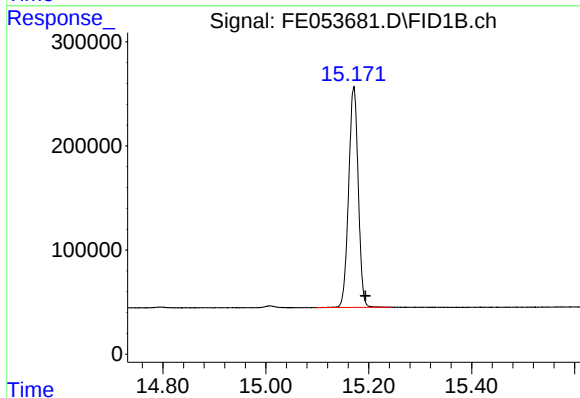
R.T.: 13.309 min  
Delta R.T.: -0.021 min  
Response: 2621737  
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

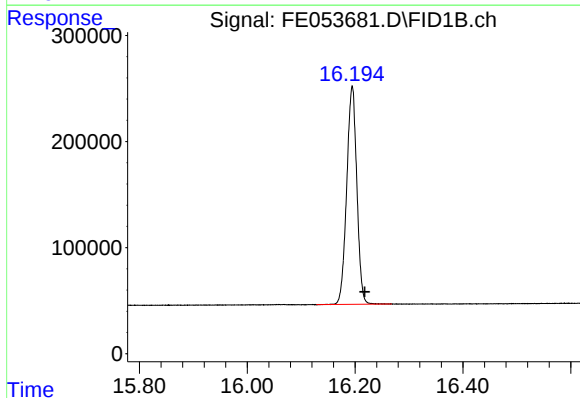
R.T.: 14.065 min  
Delta R.T.: -0.022 min  
Response: 2789059  
Conc: 19.33 ug/ml

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



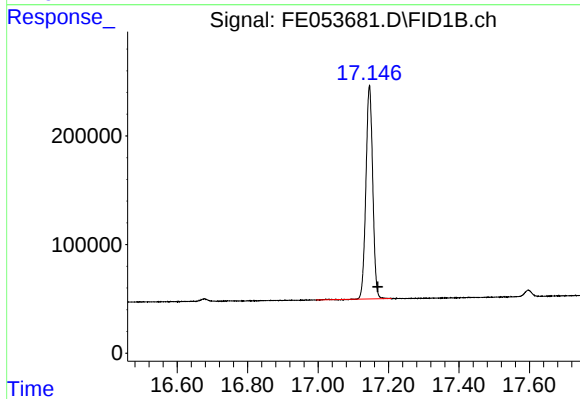
#14 n-Tetracosane (C24)

R.T.: 15.171 min  
Delta R.T.: -0.023 min  
Response: 2740362  
Conc: 19.08 ug/ml



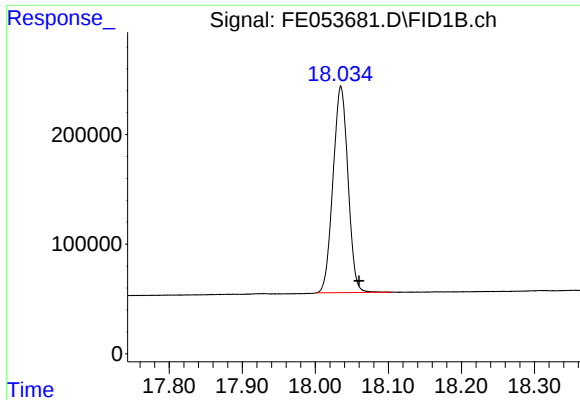
#15 n-Hexacosane (C26)

R.T.: 16.194 min  
Delta R.T.: -0.023 min  
Response: 2681251  
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

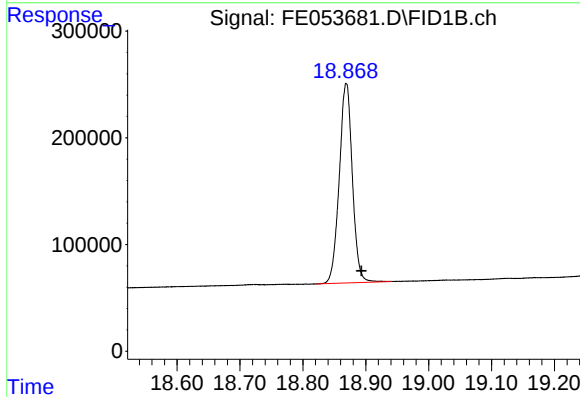
R.T.: 17.146 min  
Delta R.T.: -0.024 min  
Response: 2640948  
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

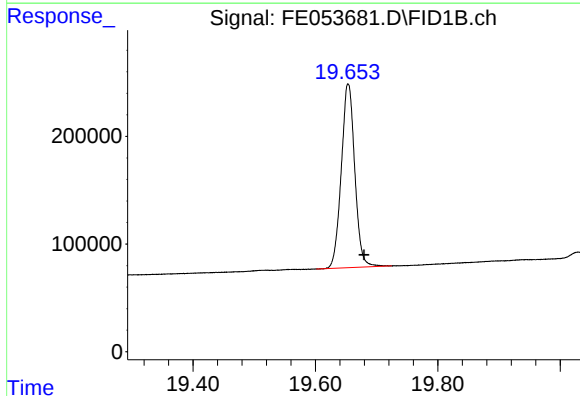
R.T.: 18.035 min  
Delta R.T.: -0.025 min  
Response: 2682525  
Conc: 19.27 ug/ml

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



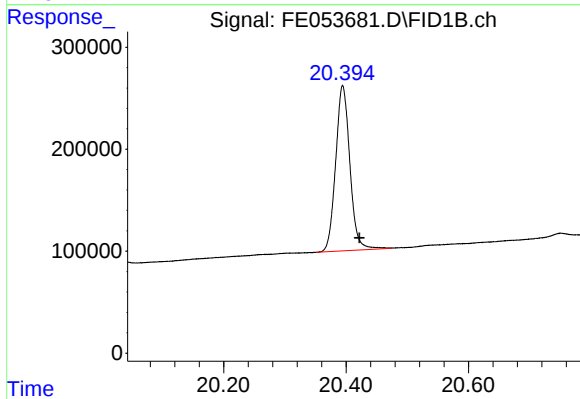
#18 n-Dotriacontane (C32)

R.T.: 18.869 min  
Delta R.T.: -0.025 min  
Response: 2708315  
Conc: 19.72 ug/ml



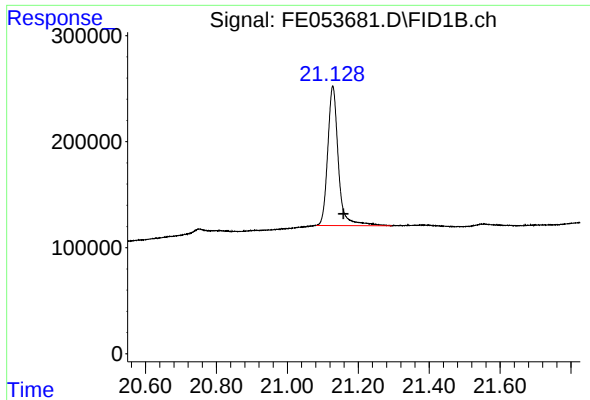
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min  
Delta R.T.: -0.026 min  
Response: 2609808  
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

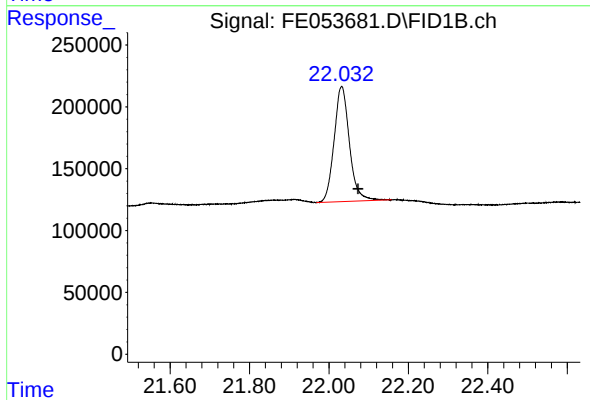
R.T.: 20.395 min  
Delta R.T.: -0.027 min  
Response: 2620632  
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min  
Delta R.T.: -0.030 min  
Response: 2727801  
Conc: 22.39 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.032 min  
Delta R.T.: -0.041 min  
Response: 2490807  
Conc: 20.86 ug/ml