

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042925AL\  
 Data File : FE053565.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Apr 2025 12:01  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 30 02:40:19 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)    | 11.871 | 3379717    | 18.739 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.48%       |
| 12) S 1-chlorooctadecane (S... | 13.315 | 2472781    | 18.293 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.216  | 2602437    | 18.982 ug/ml |
| 2) T n-Decane (C10)            | 4.478  | 2684364    | 19.405 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.190  | 2966726    | 19.654 ug/ml |
| 4) T n-Dodecane (C12)          | 6.659  | 2726977    | 19.444 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.293  | 2942978    | 19.711 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.495  | 2734141    | 19.489 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.108 | 2768691    | 19.318 ug/ml |
| 8) T n-Octadecane (C18)        | 11.556 | 2721467    | 18.674 ug/ml |
| 10) T n-Eicosane (C20)         | 12.870 | 2726433    | 18.737 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.483 | 2691016    | 18.579 ug/ml |
| 13) T n-Docosane (C22)         | 14.072 | 2679192    | 18.566 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.177 | 2647155    | 18.429 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.200 | 2586566    | 18.263 ug/ml |
| 16) T n-Octacosane (C28)       | 17.153 | 2598926    | 18.680 ug/ml |
| 17) T n-Tricontane (C30)       | 18.042 | 2723857    | 19.569 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.876 | 2761574    | 20.112 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.663 | 2587176    | 19.856 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.405 | 2554391    | 20.233 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.139 | 2394570    | 19.655 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.045 | 2200380    | 18.425 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

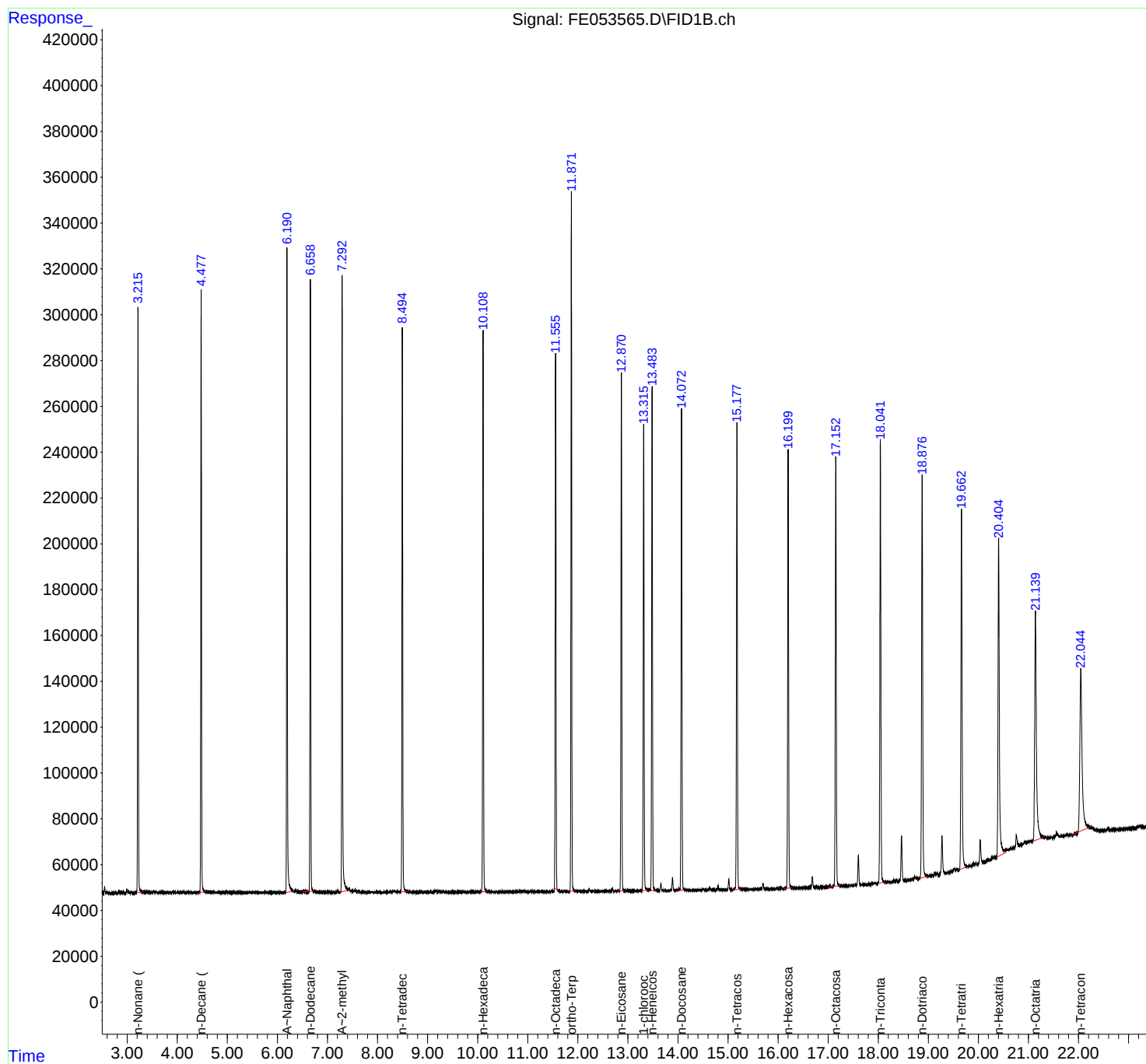
(m)=manual int.

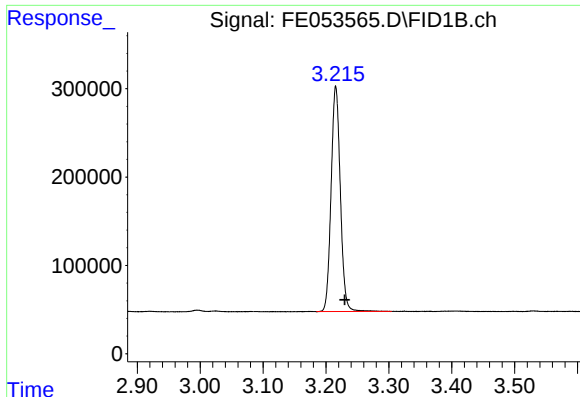
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042925AL\  
Data File : FE053565.D  
Signal(s) : FID1B.ch  
Acq On : 29 Apr 2025 12:01  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Apr 30 02:40:19 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

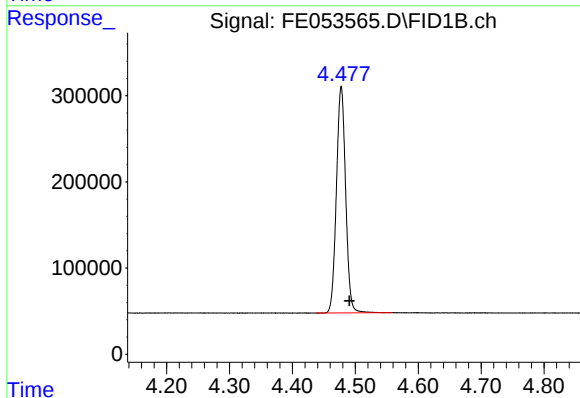




#1 n-Nonane (C9)

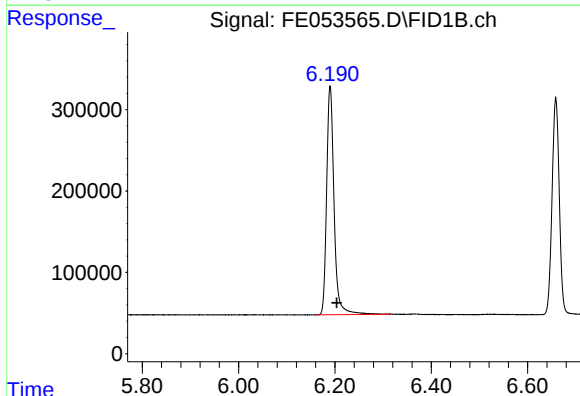
R.T.: 3.216 min  
Delta R.T.: -0.014 min  
Response: 2602437  
Conc: 18.98 ug/ml

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



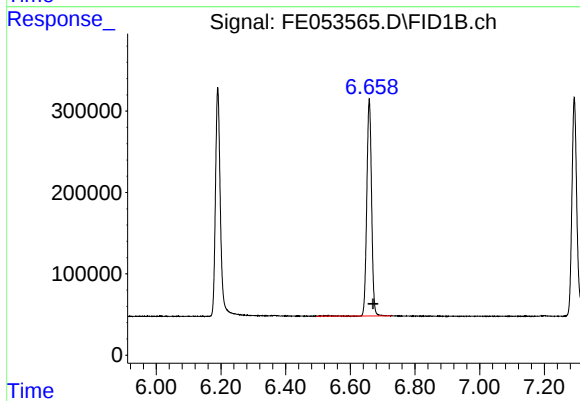
#2 n-Decane (C10)

R.T.: 4.478 min  
Delta R.T.: -0.013 min  
Response: 2684364  
Conc: 19.40 ug/ml



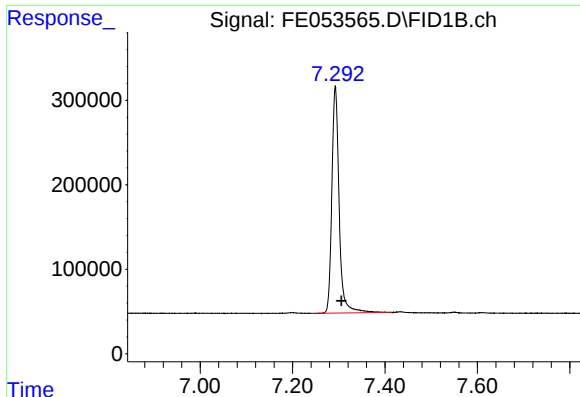
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min  
Delta R.T.: -0.013 min  
Response: 2966726  
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

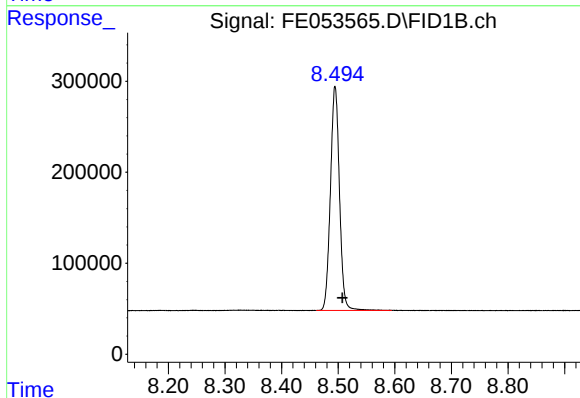
R.T.: 6.659 min  
Delta R.T.: -0.012 min  
Response: 2726977  
Conc: 19.44 ug/ml



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

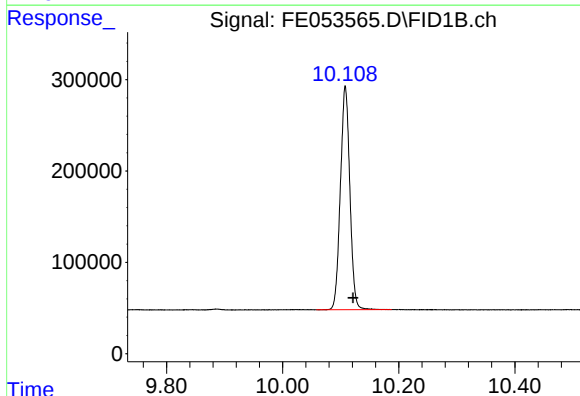
R.T.: 7.293 min  
Delta R.T.: -0.013 min  
Response: 2942978  
Conc: 19.71 ug/ml

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



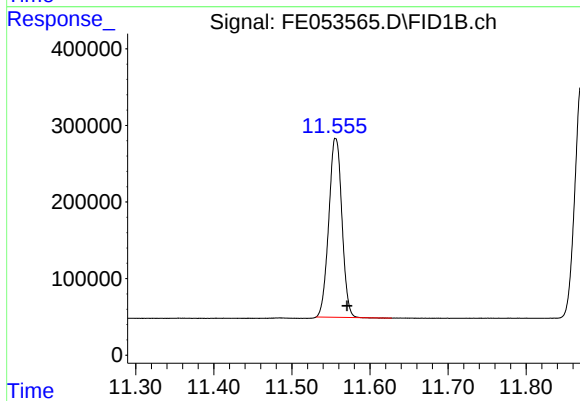
#6 n-Tetradecane (C14)

R.T.: 8.495 min  
Delta R.T.: -0.013 min  
Response: 2734141  
Conc: 19.49 ug/ml



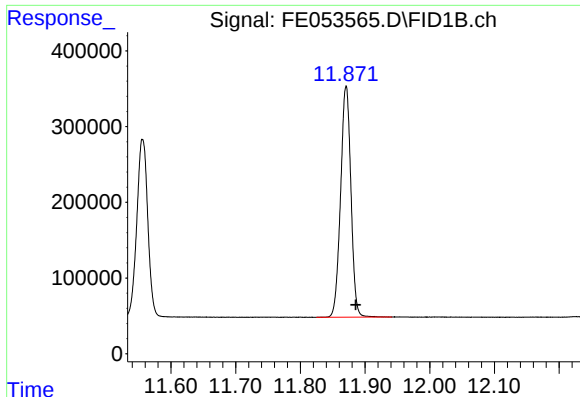
#7 n-Hexadecane (C16)

R.T.: 10.108 min  
Delta R.T.: -0.013 min  
Response: 2768691  
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

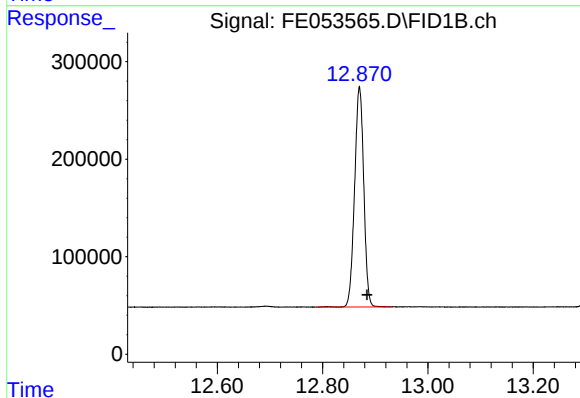
R.T.: 11.556 min  
Delta R.T.: -0.015 min  
Response: 2721467  
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

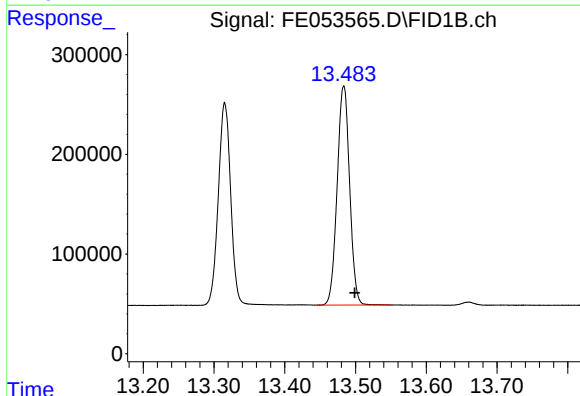
R.T.: 11.871 min  
Delta R.T.: -0.015 min  
Response: 3379717  
Conc: 18.74 ug/ml

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



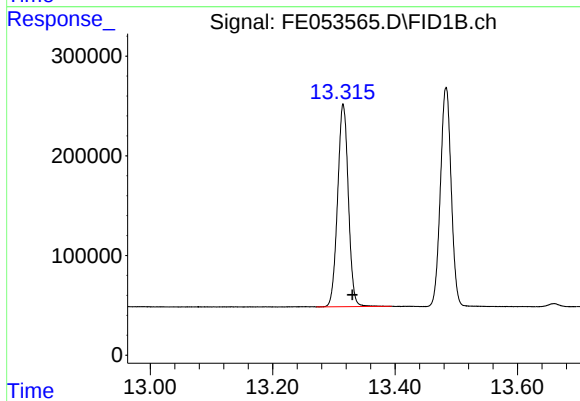
#10 n-Eicosane (C20)

R.T.: 12.870 min  
Delta R.T.: -0.015 min  
Response: 2726433  
Conc: 18.74 ug/ml



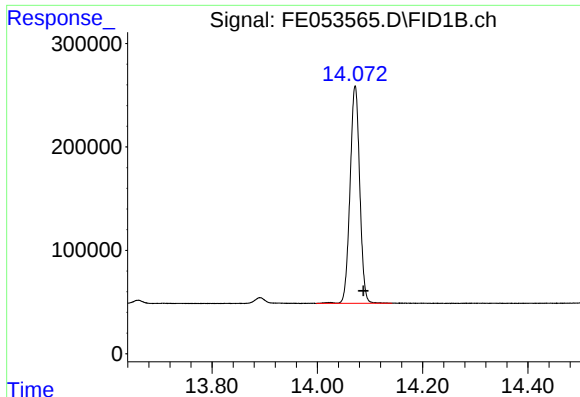
#11 n-Heneicosane (C21)

R.T.: 13.483 min  
Delta R.T.: -0.016 min  
Response: 2691016  
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

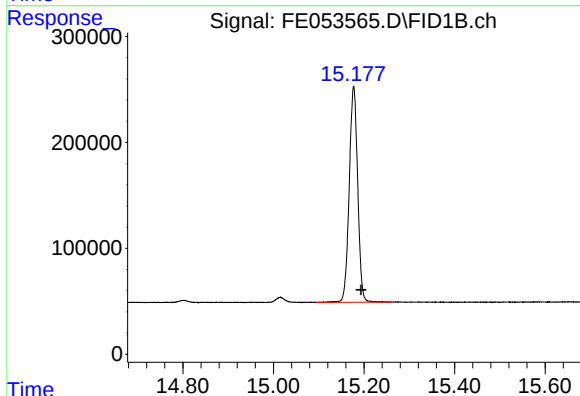
R.T.: 13.315 min  
Delta R.T.: -0.015 min  
Response: 2472781  
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

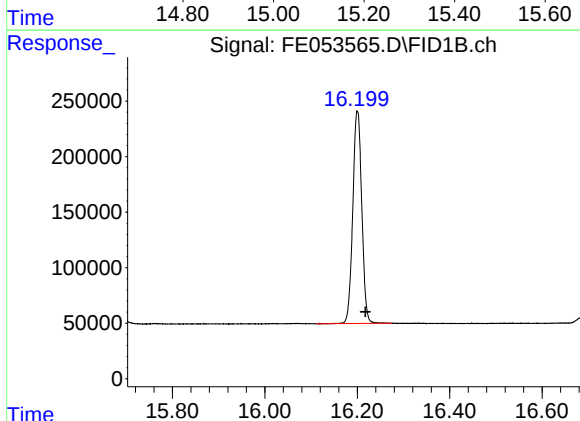
R.T.: 14.072 min  
Delta R.T.: -0.016 min  
Response: 2679192  
Conc: 18.57 ug/ml

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



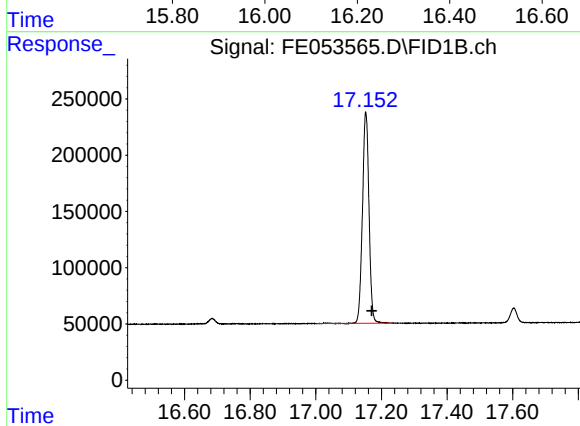
#14 n-Tetracosane (C24)

R.T.: 15.177 min  
Delta R.T.: -0.016 min  
Response: 2647155  
Conc: 18.43 ug/ml



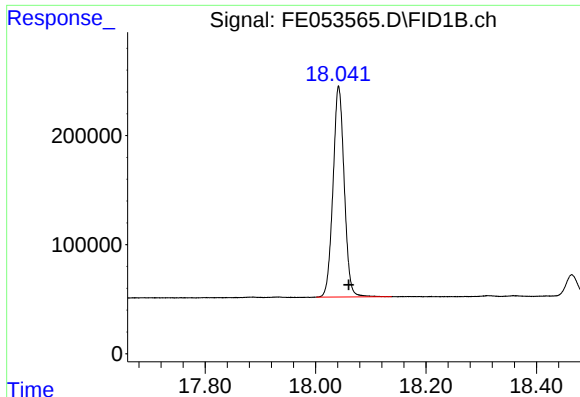
#15 n-Hexacosane (C26)

R.T.: 16.200 min  
Delta R.T.: -0.017 min  
Response: 2586566  
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

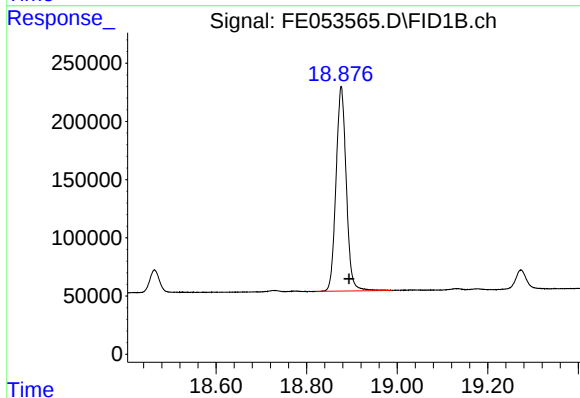
R.T.: 17.153 min  
Delta R.T.: -0.017 min  
Response: 2598926  
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

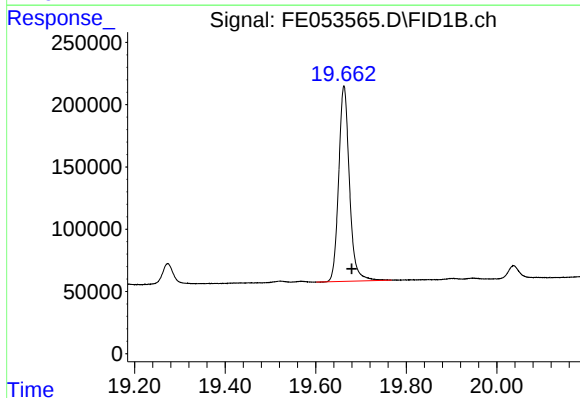
R.T.: 18.042 min  
Delta R.T.: -0.018 min  
Response: 2723857  
Conc: 19.57 ug/ml

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



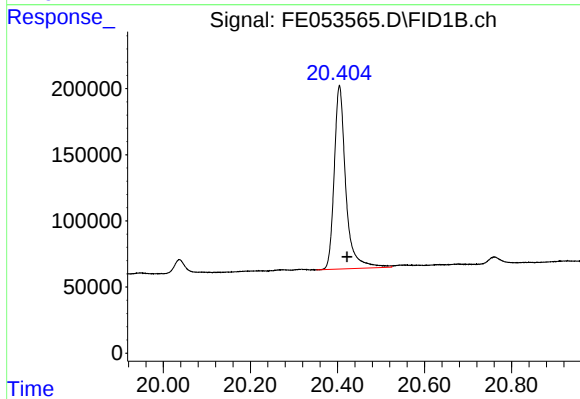
#18 n-Dotriacontane (C32)

R.T.: 18.876 min  
Delta R.T.: -0.017 min  
Response: 2761574  
Conc: 20.11 ug/ml



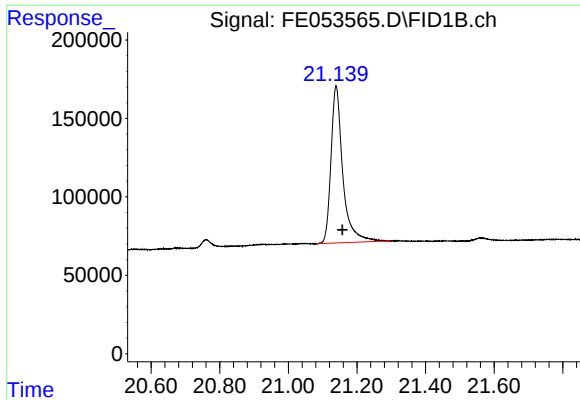
#19 n-Tetratriacontane (C34)

R.T.: 19.663 min  
Delta R.T.: -0.017 min  
Response: 2587176  
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

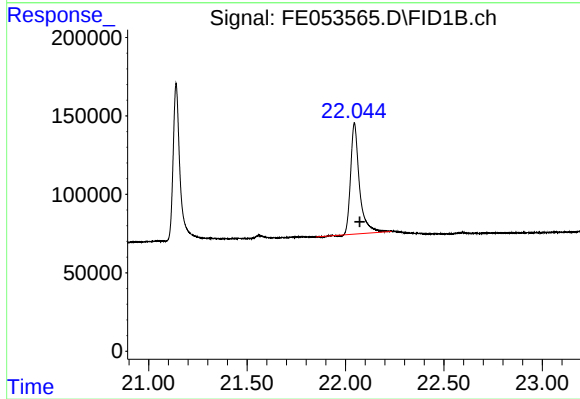
R.T.: 20.405 min  
Delta R.T.: -0.017 min  
Response: 2554391  
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min  
Delta R.T.: -0.019 min  
Response: 2394570  
Conc: 19.65 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.045 min  
Delta R.T.: -0.028 min  
Response: 2200380  
Conc: 18.43 ug/ml