

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041125AL\  
 Data File : FE053315.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Apr 2025 08:50  
 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: Apr 11 22:44:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 31 02:44:53 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)    | 11.895 | 2921527    | 17.936 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.87%       |
| 12) S 1-chlorooctadecane (S... | 13.340 | 2277843    | 18.975 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.237  | 2674903    | 17.275 ug/ml |
| 2) T n-Decane (C10)            | 4.499  | 2842129    | 18.119 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.213  | 3000134    | 17.859 ug/ml |
| 4) T n-Dodecane (C12)          | 6.680  | 2865746    | 18.323 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.316  | 2871431    | 17.996 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.516  | 2830286    | 18.485 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.130 | 2876498    | 18.661 ug/ml |
| 8) T n-Octadecane (C18)        | 11.579 | 2838840    | 18.718 ug/ml |
| 10) T n-Eicosane (C20)         | 12.894 | 2674183    | 18.756 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.508 | 2570842    | 18.526 ug/ml |
| 13) T n-Docosane (C22)         | 14.096 | 2602357    | 19.001 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.202 | 2701266    | 20.001 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.226 | 2777195    | 20.817 ug/ml |
| 16) T n-Octacosane (C28)       | 17.179 | 2866202    | 21.719 ug/ml |
| 17) T n-Tricontane (C30)       | 18.068 | 3008719    | 22.198 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.902 | 2988460    | 22.209 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.687 | 2573788    | 19.891 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.429 | 2259031    | 19.017 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.168 | 1993995    | 17.349 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.085 | 1848317    | 16.457 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

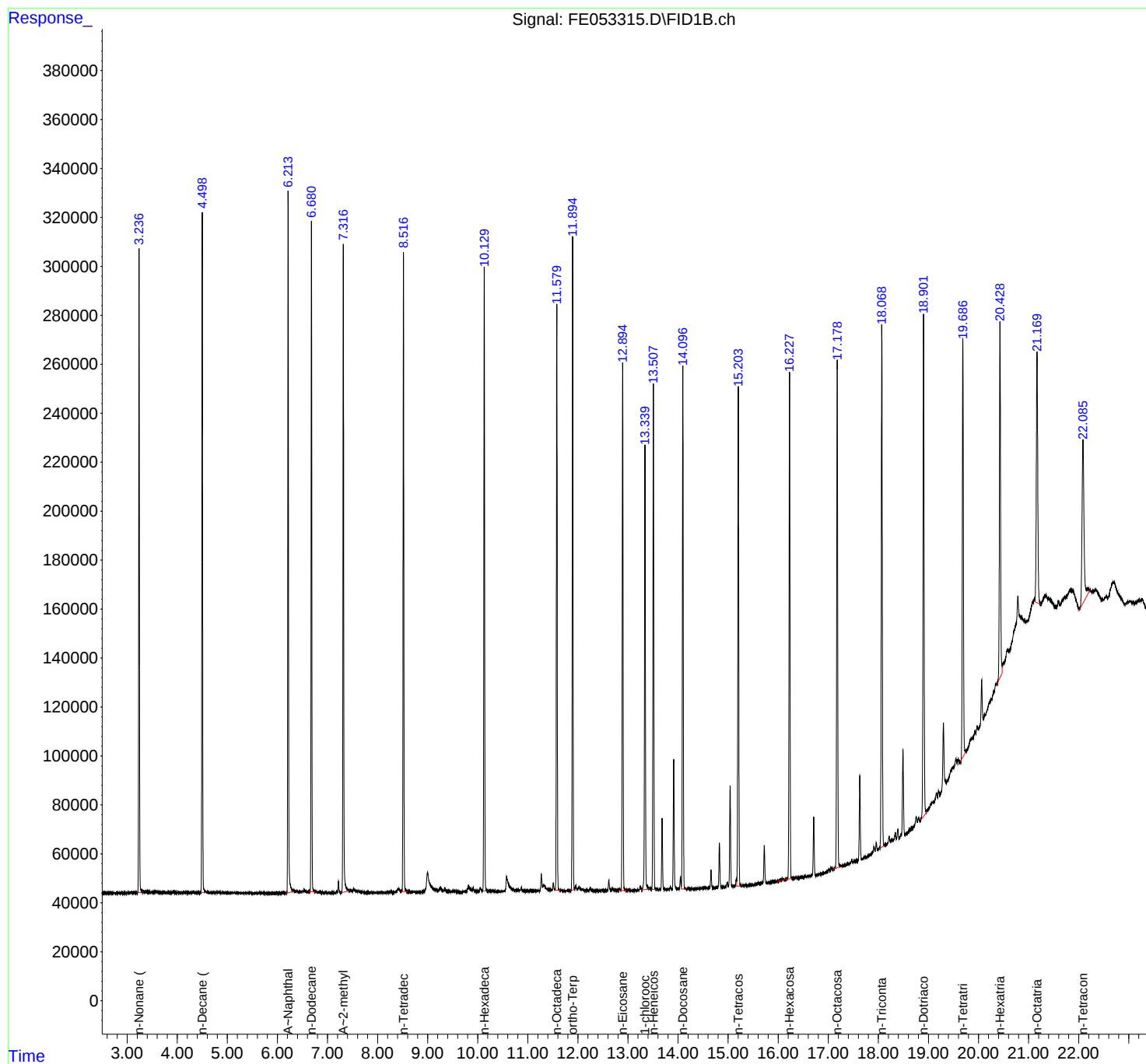
(m)=manual int.

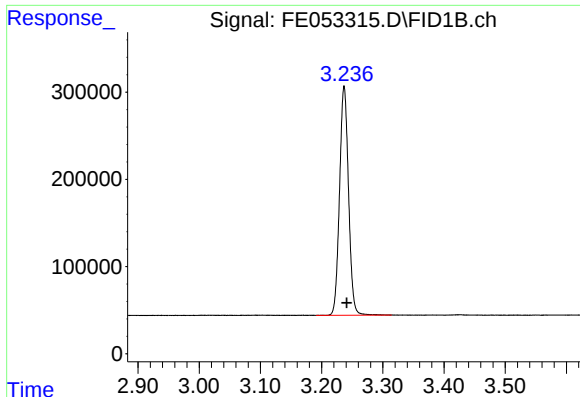
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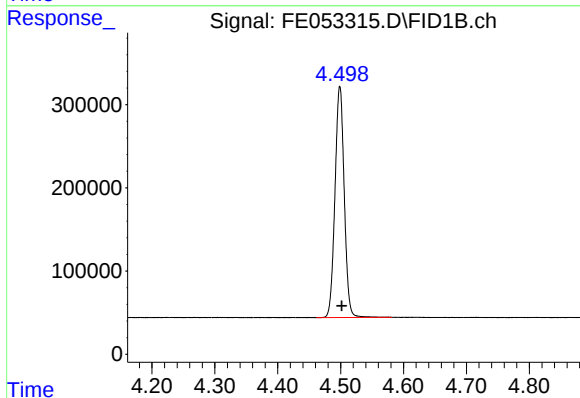




#1 n-Nonane (C9)

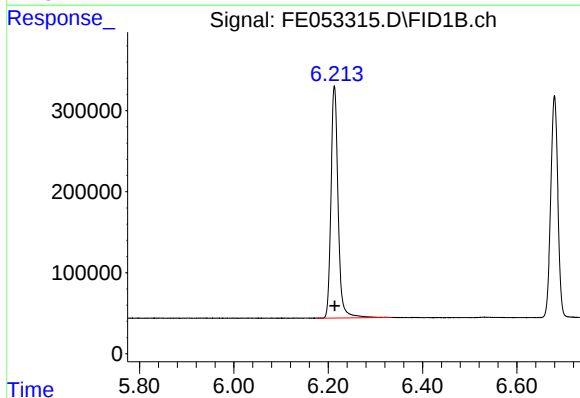
R.T.: 3.237 min  
Delta R.T.: -0.004 min  
Response: 2674903  
Conc: 17.28 ug/ml

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



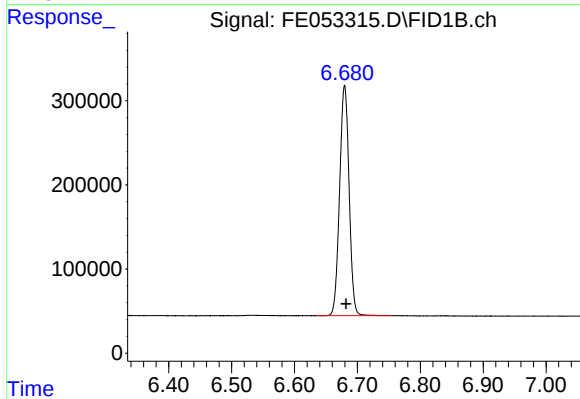
#2 n-Decane (C10)

R.T.: 4.499 min  
Delta R.T.: -0.003 min  
Response: 2842129  
Conc: 18.12 ug/ml



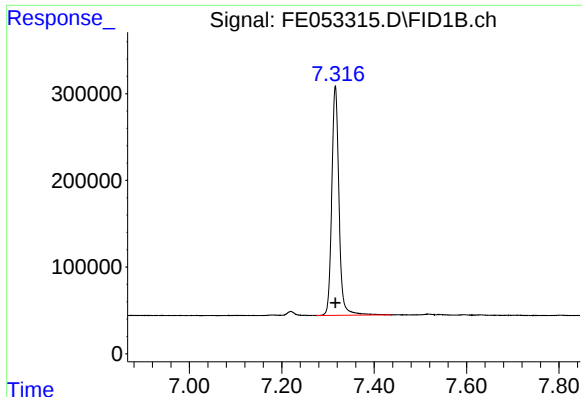
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 3000134  
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

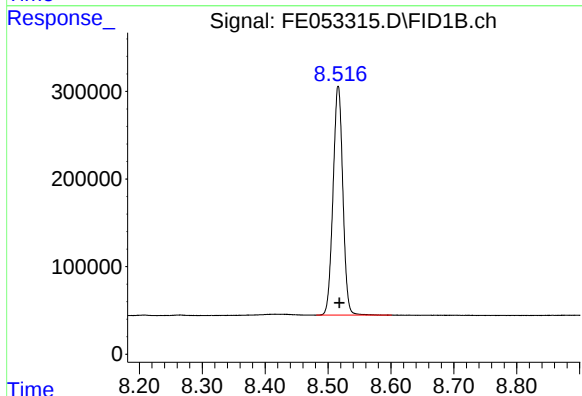
R.T.: 6.680 min  
Delta R.T.: -0.002 min  
Response: 2865746  
Conc: 18.32 ug/ml



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

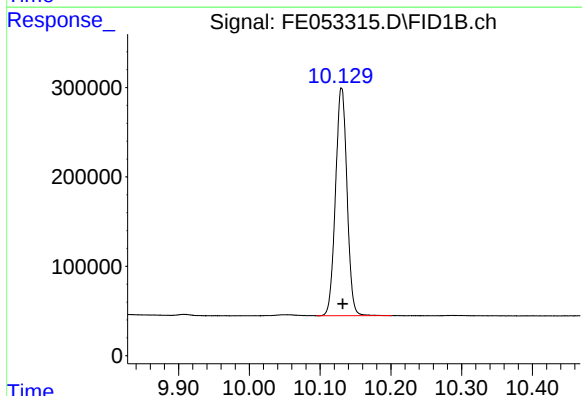
R.T.: 7.316 min  
Delta R.T.: 0.000 min  
Response: 2871431  
Conc: 18.00 ug/ml

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



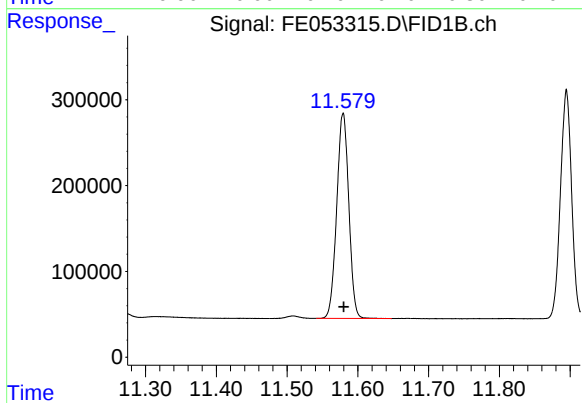
#6 n-Tetradecane (C14)

R.T.: 8.516 min  
Delta R.T.: -0.002 min  
Response: 2830286  
Conc: 18.48 ug/ml



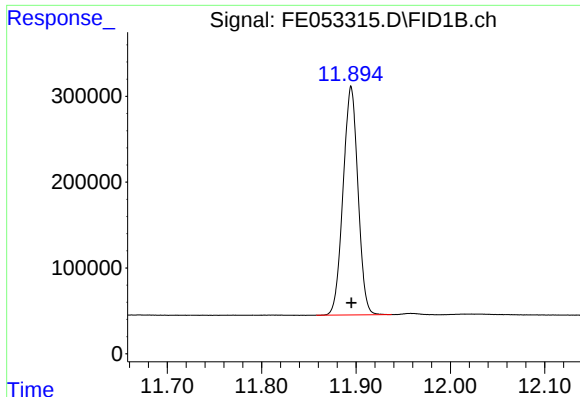
#7 n-Hexadecane (C16)

R.T.: 10.130 min  
Delta R.T.: -0.001 min  
Response: 2876498  
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

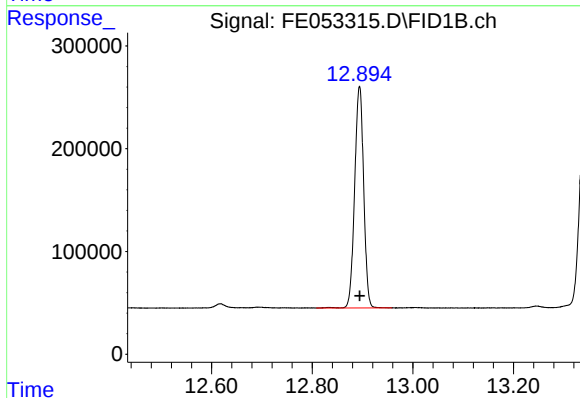
R.T.: 11.579 min  
Delta R.T.: -0.001 min  
Response: 2838840  
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

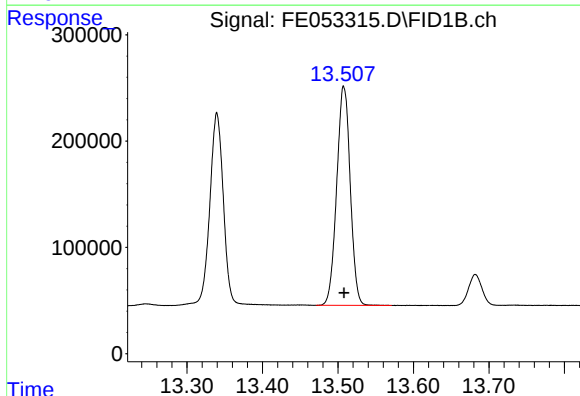
R.T.: 11.895 min  
Delta R.T.: 0.000 min  
Response: 2921527  
Conc: 17.94 ug/ml

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



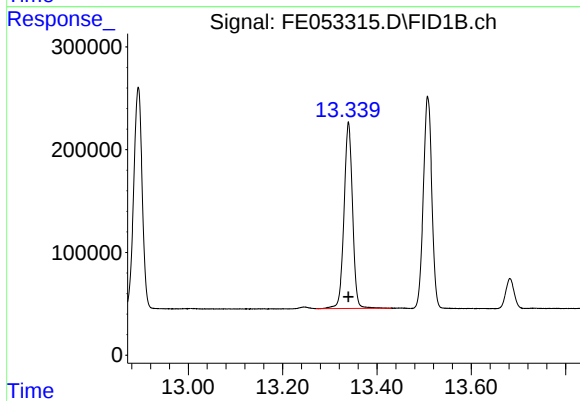
#10 n-Eicosane (C20)

R.T.: 12.894 min  
Delta R.T.: 0.000 min  
Response: 2674183  
Conc: 18.76 ug/ml



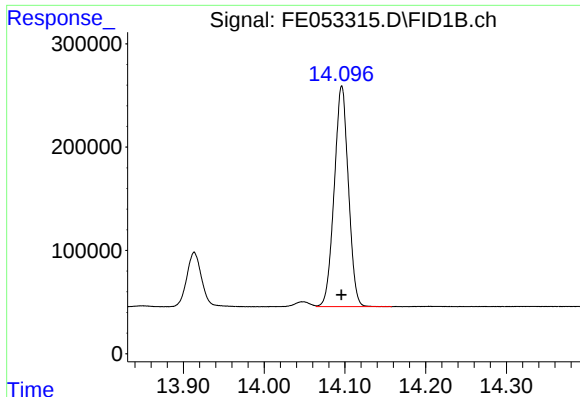
#11 n-Heneicosane (C21)

R.T.: 13.508 min  
Delta R.T.: 0.000 min  
Response: 2570842  
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

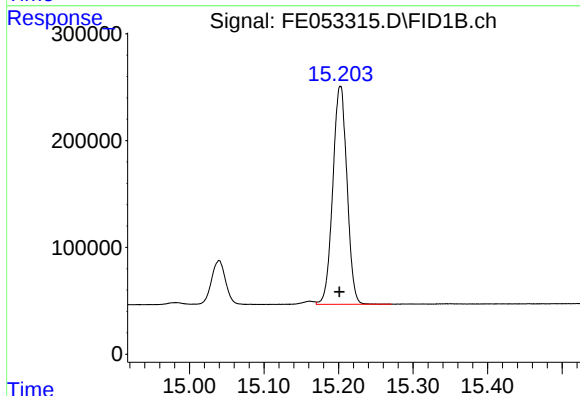
R.T.: 13.340 min  
Delta R.T.: 0.000 min  
Response: 2277843  
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

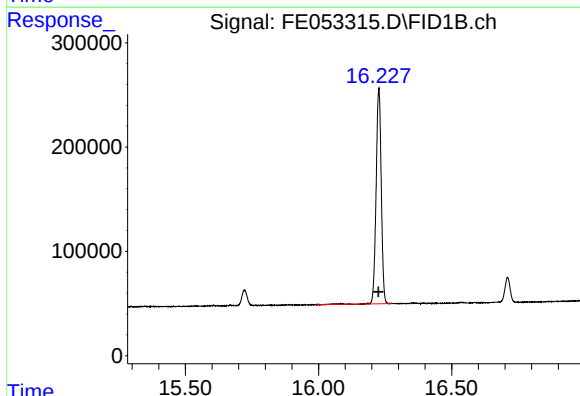
R.T.: 14.096 min  
Delta R.T.: 0.000 min  
Response: 2602357  
Conc: 19.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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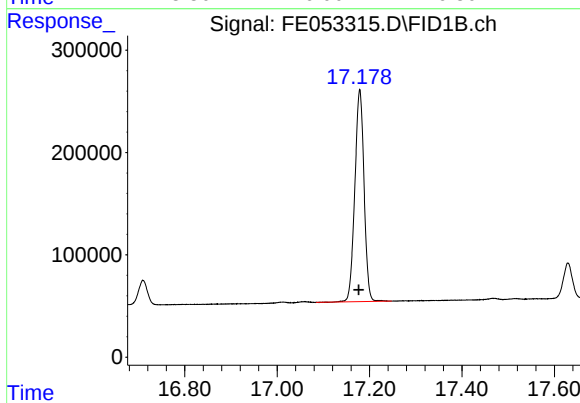
#14 n-Tetracosane (C24)

R.T.: 15.202 min  
Delta R.T.: 0.000 min  
Response: 2701266  
Conc: 20.00 ug/ml



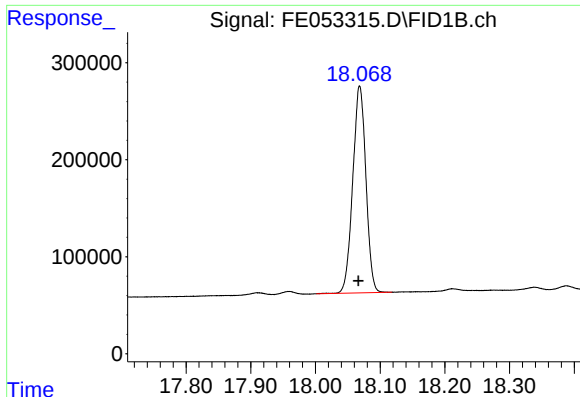
#15 n-Hexacosane (C26)

R.T.: 16.226 min  
Delta R.T.: 0.000 min  
Response: 2777195  
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

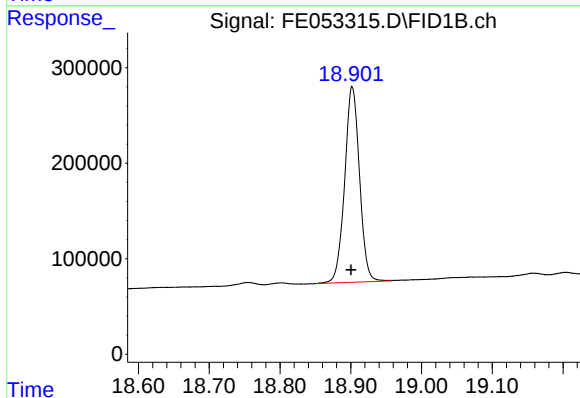
R.T.: 17.179 min  
Delta R.T.: 0.002 min  
Response: 2866202  
Conc: 21.72 ug/ml



#17 n-Tricontane (C30)

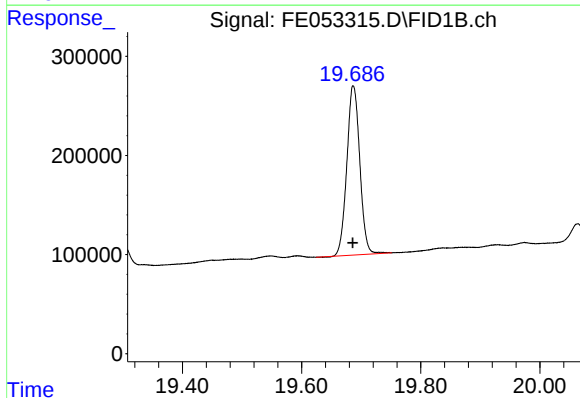
R.T.: 18.068 min  
Delta R.T.: 0.002 min  
Response: 3008719  
Conc: 22.20 ug/ml

Instrument :  
FID\_E  
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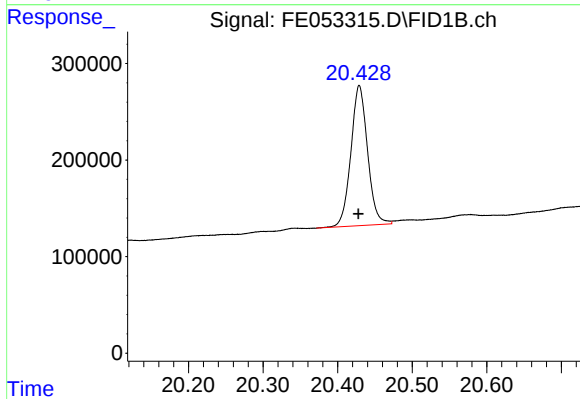
#18 n-Dotriacontane (C32)

R.T.: 18.902 min  
Delta R.T.: 0.002 min  
Response: 2988460  
Conc: 22.21 ug/ml



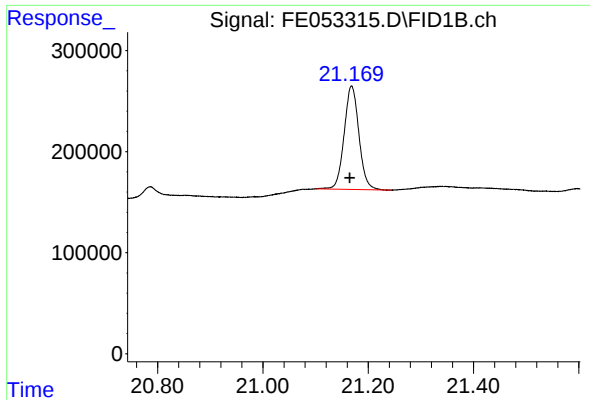
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min  
Delta R.T.: 0.001 min  
Response: 2573788  
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

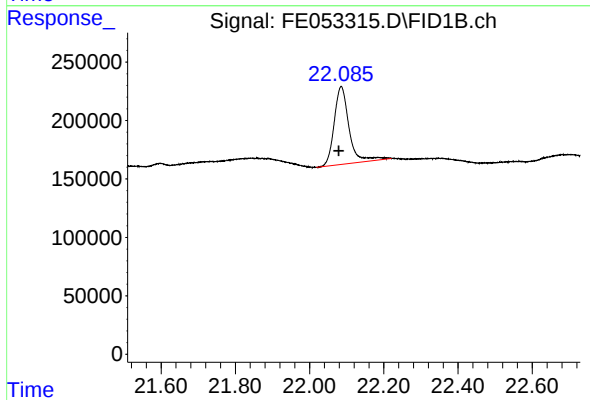
R.T.: 20.429 min  
Delta R.T.: 0.001 min  
Response: 2259031  
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min  
Delta R.T.: 0.003 min  
Response: 1993995  
Conc: 17.35 ug/ml

Instrument :  
FID\_E  
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#22 n-Tetracontane (C40)

R.T.: 22.085 min  
Delta R.T.: 0.007 min  
Response: 1848317  
Conc: 16.46 ug/ml