

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121223AL\  
 Data File : FE045789.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Dec 2023 01:47  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 13 03:32:04 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 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)    | 11.845 | 3814353    | 18.240 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.48%       |
| 12) S 1-chlorooctadecane (S... | 13.288 | 2821214    | 17.930 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.86%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.236  | 2681667    | 16.911 ug/ml |
| 2) T n-Decane (C10)            | 4.487  | 3200016    | 19.983 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.187  | 3457313    | 19.847 ug/ml |
| 4) T n-Dodecane (C12)          | 6.654  | 3226752    | 19.976 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.282  | 3363137    | 19.804 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.480  | 3208471    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.089 | 3261679    | 19.697 ug/ml |
| 8) T n-Octadecane (C18)        | 11.533 | 3273448    | 19.093 ug/ml |
| 10) T n-Eicosane (C20)         | 12.843 | 3158124    | 18.253 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.457 | 3082434    | 17.918 ug/ml |
| 13) T n-Docosane (C22)         | 14.045 | 3060329    | 17.749 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.148 | 3042244    | 17.426 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.172 | 2971776    | 17.064 ug/ml |
| 16) T n-Octacosane (C28)       | 17.123 | 2975312    | 17.215 ug/ml |
| 17) T n-Tricontane (C30)       | 18.013 | 3094756    | 17.690 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.848 | 3115848    | 17.079 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.633 | 2862018    | 17.248 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.374 | 2811484    | 17.712 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.106 | 2727176    | 17.391 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.007 | 2982035    | 20.983 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

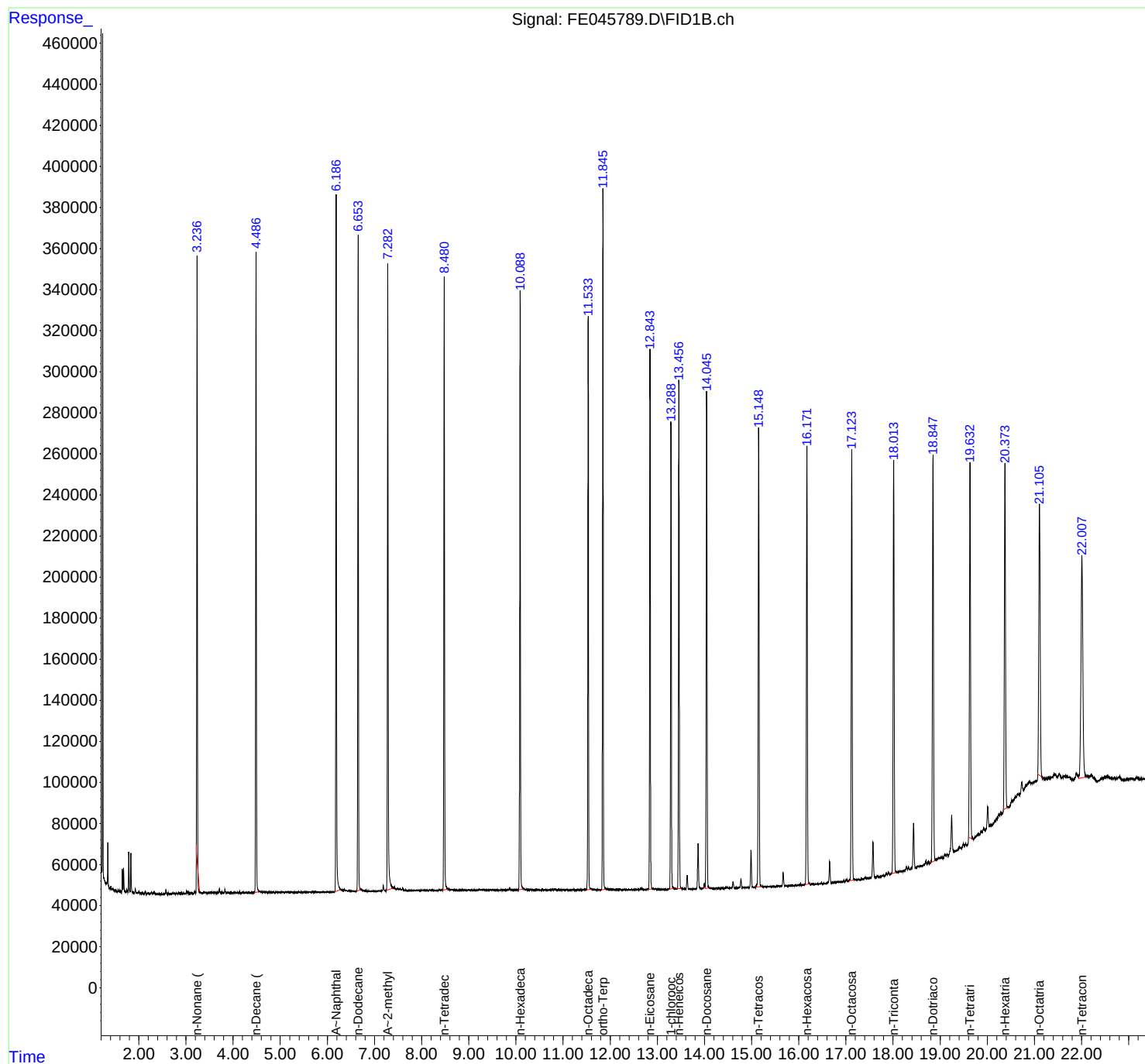
(m)=manual int.

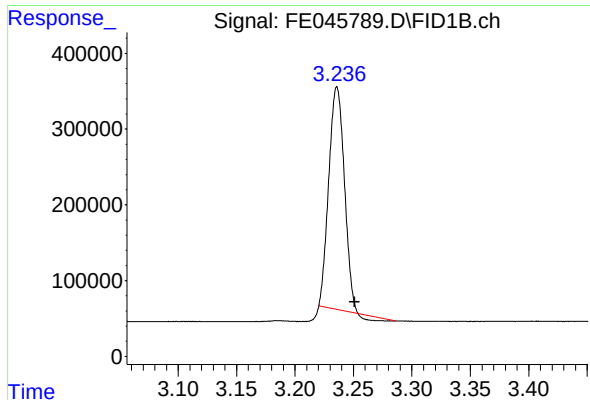
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121223AL\  
Data File : FE045789.D  
Signal(s) : FID1B.ch  
Acq On : 13 Dec 2023 01:47  
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Sample : 20 PPM ALIPHATIC HC STD  
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Integration File: autoint1.e  
Quant Time: Dec 13 03:32:04 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 30 12:25:07 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

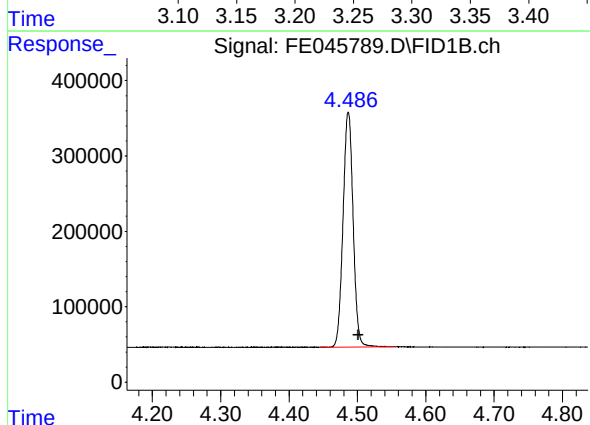




#1 n-Nonane (C9)

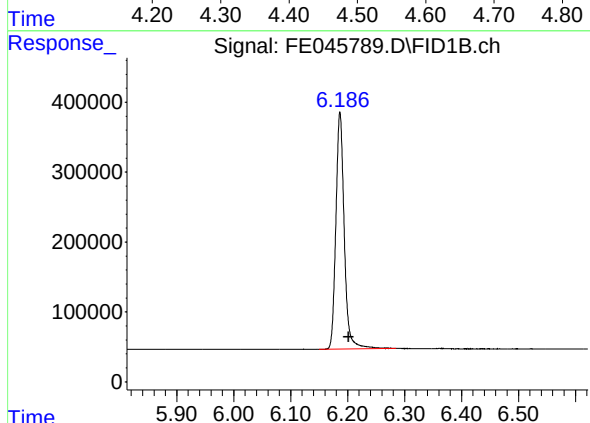
R.T.: 3.236 min  
Delta R.T.: -0.015 min  
Response: 2681667  
Conc: 16.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



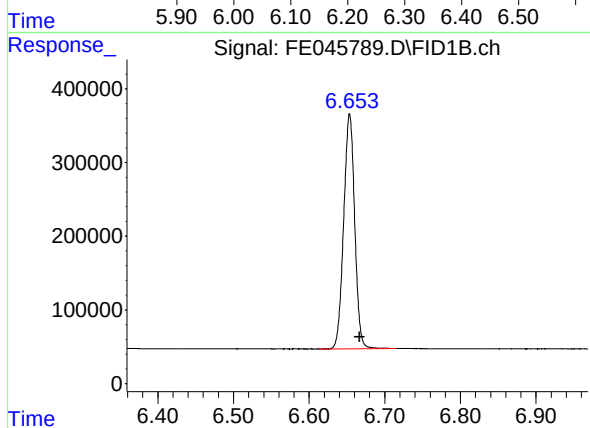
#2 n-Decane (C10)

R.T.: 4.487 min  
Delta R.T.: -0.015 min  
Response: 3200016  
Conc: 19.98 ug/ml



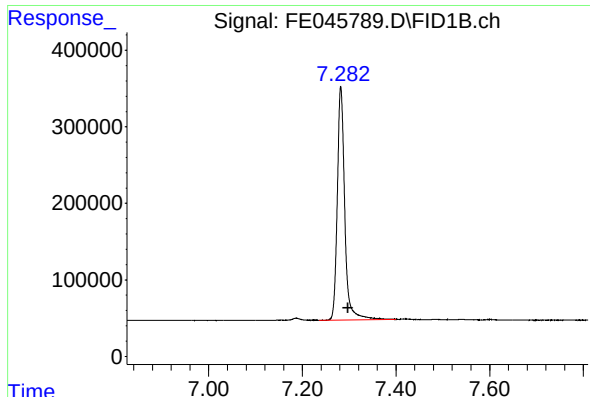
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min  
Delta R.T.: -0.015 min  
Response: 3457313  
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

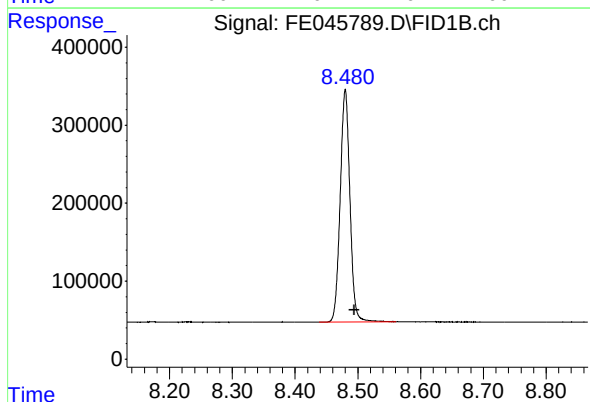
R.T.: 6.654 min  
Delta R.T.: -0.014 min  
Response: 3226752  
Conc: 19.98 ug/ml



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

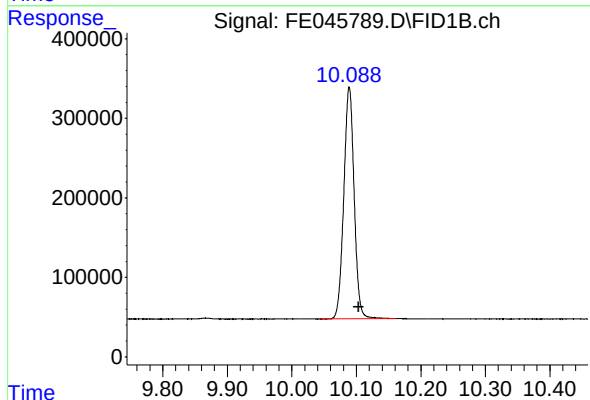
R.T.: 7.282 min  
Delta R.T.: -0.015 min  
Response: 3363137  
Conc: 19.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



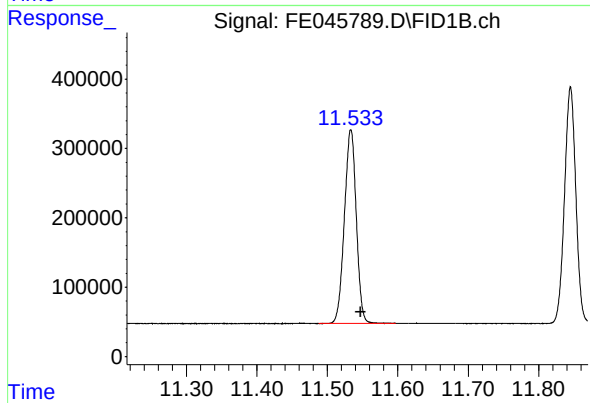
#6 n-Tetradecane (C14)

R.T.: 8.480 min  
Delta R.T.: -0.014 min  
Response: 3208471  
Conc: 20.00 ug/ml



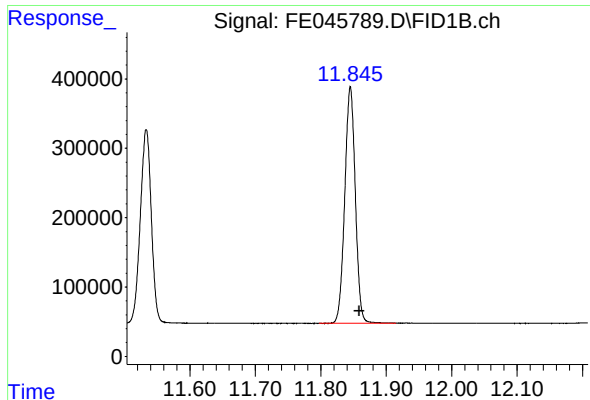
#7 n-Hexadecane (C16)

R.T.: 10.089 min  
Delta R.T.: -0.015 min  
Response: 3261679  
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

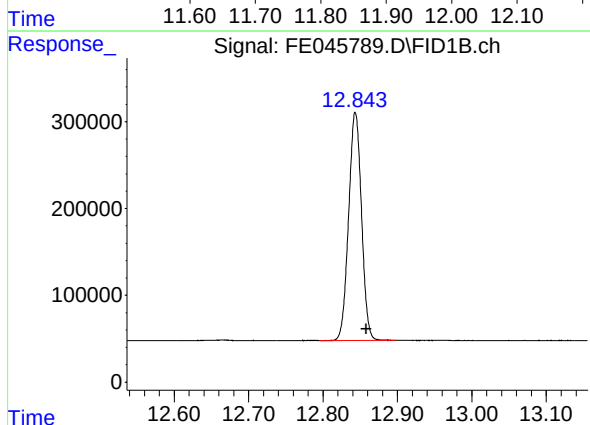
R.T.: 11.533 min  
Delta R.T.: -0.014 min  
Response: 3273448  
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

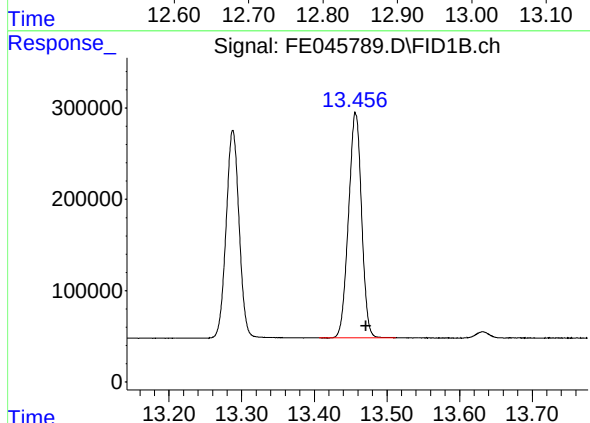
R.T.: 11.845 min  
Delta R.T.: -0.014 min  
Response: 3814353  
Conc: 18.24 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



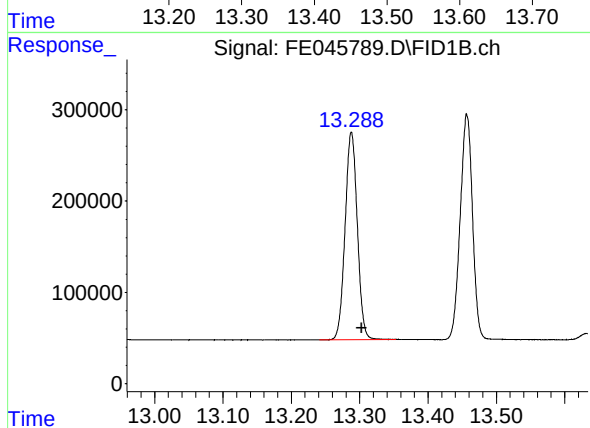
#10 n-Eicosane (C20)

R.T.: 12.843 min  
Delta R.T.: -0.015 min  
Response: 3158124  
Conc: 18.25 ug/ml



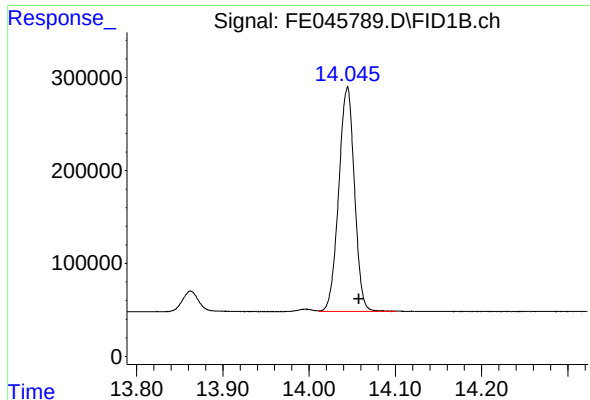
#11 n-Heneicosane (C21)

R.T.: 13.457 min  
Delta R.T.: -0.014 min  
Response: 3082434  
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

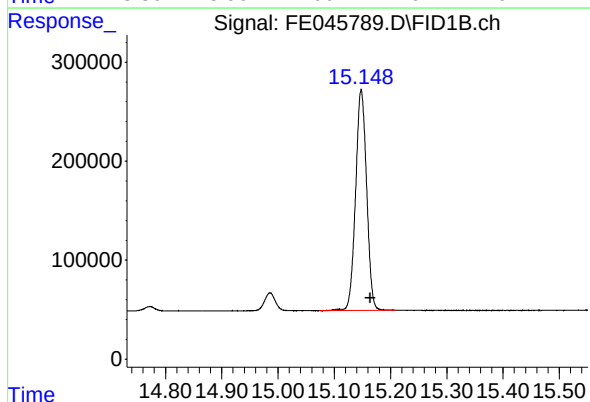
R.T.: 13.288 min  
Delta R.T.: -0.015 min  
Response: 2821214  
Conc: 17.93 ug/ml



#13 n-Docosane (C22)

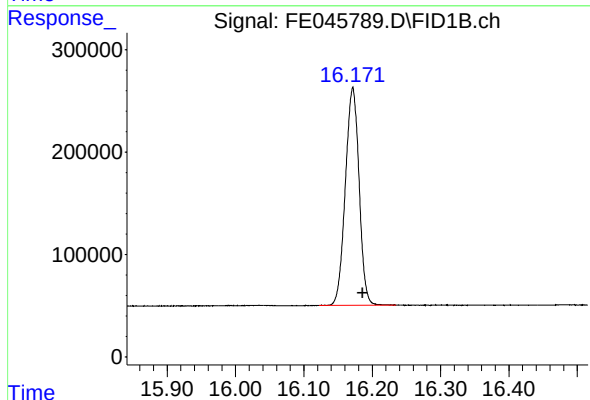
R.T.: 14.045 min  
Delta R.T.: -0.014 min  
Response: 3060329  
Conc: 17.75 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



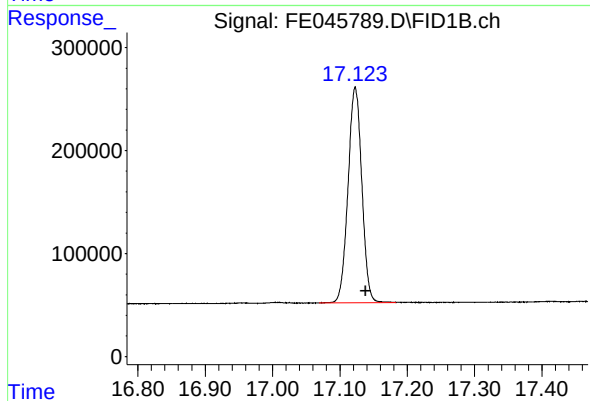
#14 n-Tetracosane (C24)

R.T.: 15.148 min  
Delta R.T.: -0.016 min  
Response: 3042244  
Conc: 17.43 ug/ml



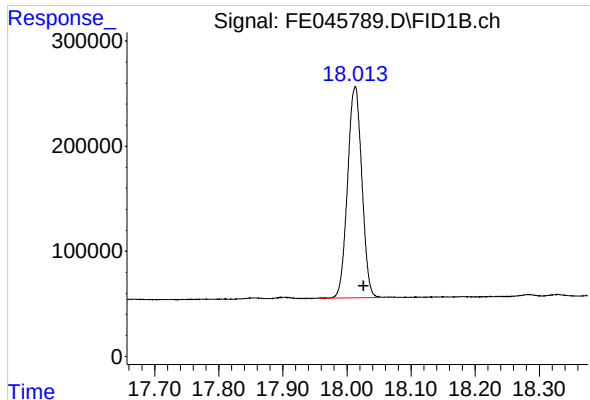
#15 n-Hexacosane (C26)

R.T.: 16.172 min  
Delta R.T.: -0.014 min  
Response: 2971776  
Conc: 17.06 ug/ml



#16 n-Octacosane (C28)

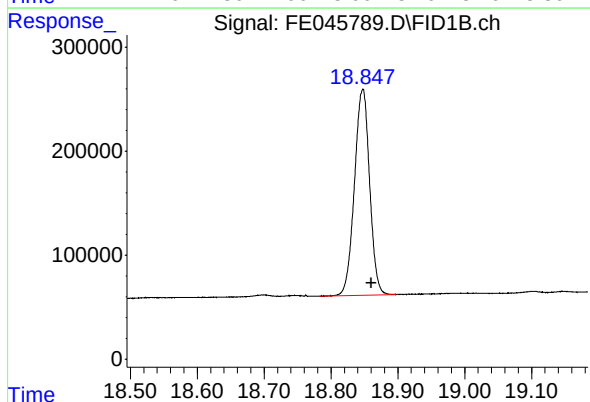
R.T.: 17.123 min  
Delta R.T.: -0.016 min  
Response: 2975312  
Conc: 17.21 ug/ml



#17 n-Tricontane (C30)

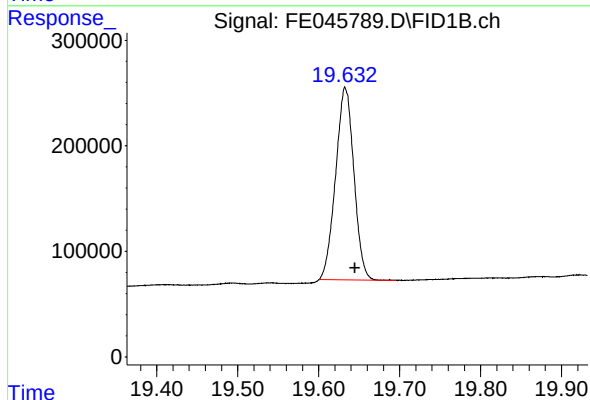
R.T.: 18.013 min  
Delta R.T.: -0.013 min  
Response: 3094756  
Conc: 17.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



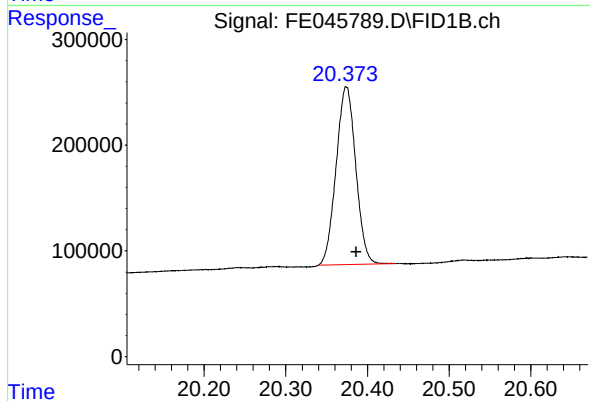
#18 n-Dotriacontane (C32)

R.T.: 18.848 min  
Delta R.T.: -0.012 min  
Response: 3115848  
Conc: 17.08 ug/ml



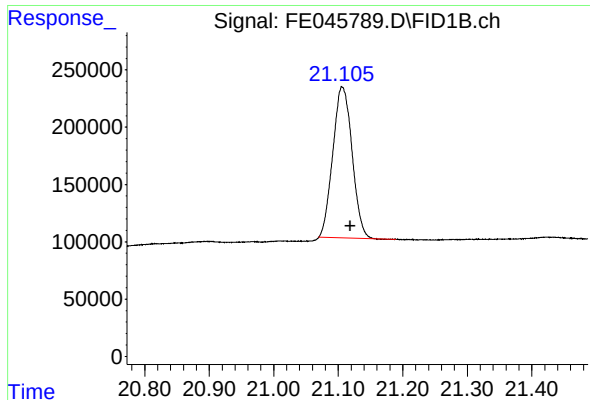
#19 n-Tetatriacontane (C34)

R.T.: 19.633 min  
Delta R.T.: -0.012 min  
Response: 2862018  
Conc: 17.25 ug/ml



#20 n-Hexatriacontane (C36)

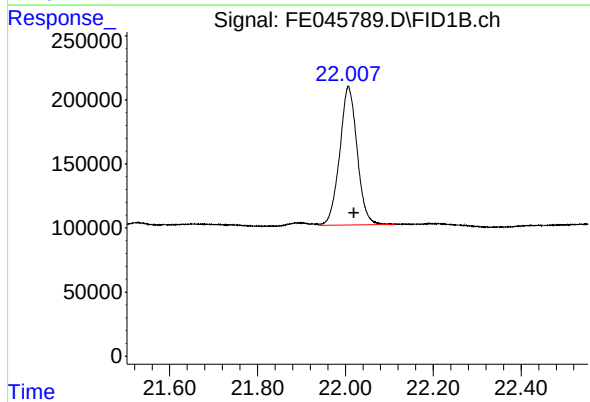
R.T.: 20.374 min  
Delta R.T.: -0.012 min  
Response: 2811484  
Conc: 17.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min  
Delta R.T.: -0.013 min  
Response: 2727176  
Conc: 17.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.007 min  
Delta R.T.: -0.013 min  
Response: 2982035  
Conc: 20.98 ug/ml