

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040425AL\  
 Data File : FE053189.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Apr 2025 12:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 04 23:53:31 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)    | 11.891 | 3017672    | 18.527 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.05%       |
| 12) S 1-chlorooctadecane (S... | 13.335 | 2237456    | 18.639 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.28%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.237  | 2813618    | 18.171 ug/ml |
| 2) T n-Decane (C10)            | 4.498  | 2910526    | 18.555 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 3114148    | 18.538 ug/ml |
| 4) T n-Dodecane (C12)          | 6.678  | 2914219    | 18.633 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.312  | 2975186    | 18.646 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.514  | 2879070    | 18.803 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.128 | 2941123    | 19.080 ug/ml |
| 8) T n-Octadecane (C18)        | 11.576 | 2904769    | 19.152 ug/ml |
| 10) T n-Eicosane (C20)         | 12.889 | 2717923    | 19.063 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.503 | 2630021    | 18.952 ug/ml |
| 13) T n-Docosane (C22)         | 14.091 | 2595231    | 18.949 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.197 | 2580390    | 19.106 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.221 | 2555528    | 19.156 ug/ml |
| 16) T n-Octacosane (C28)       | 17.172 | 2592938    | 19.648 ug/ml |
| 17) T n-Tricontane (C30)       | 18.062 | 2764438    | 20.396 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.896 | 2791682    | 20.746 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.681 | 2534703    | 19.589 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.422 | 2272700    | 19.132 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.159 | 2265997    | 19.715 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.071 | 2157852    | 19.213 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

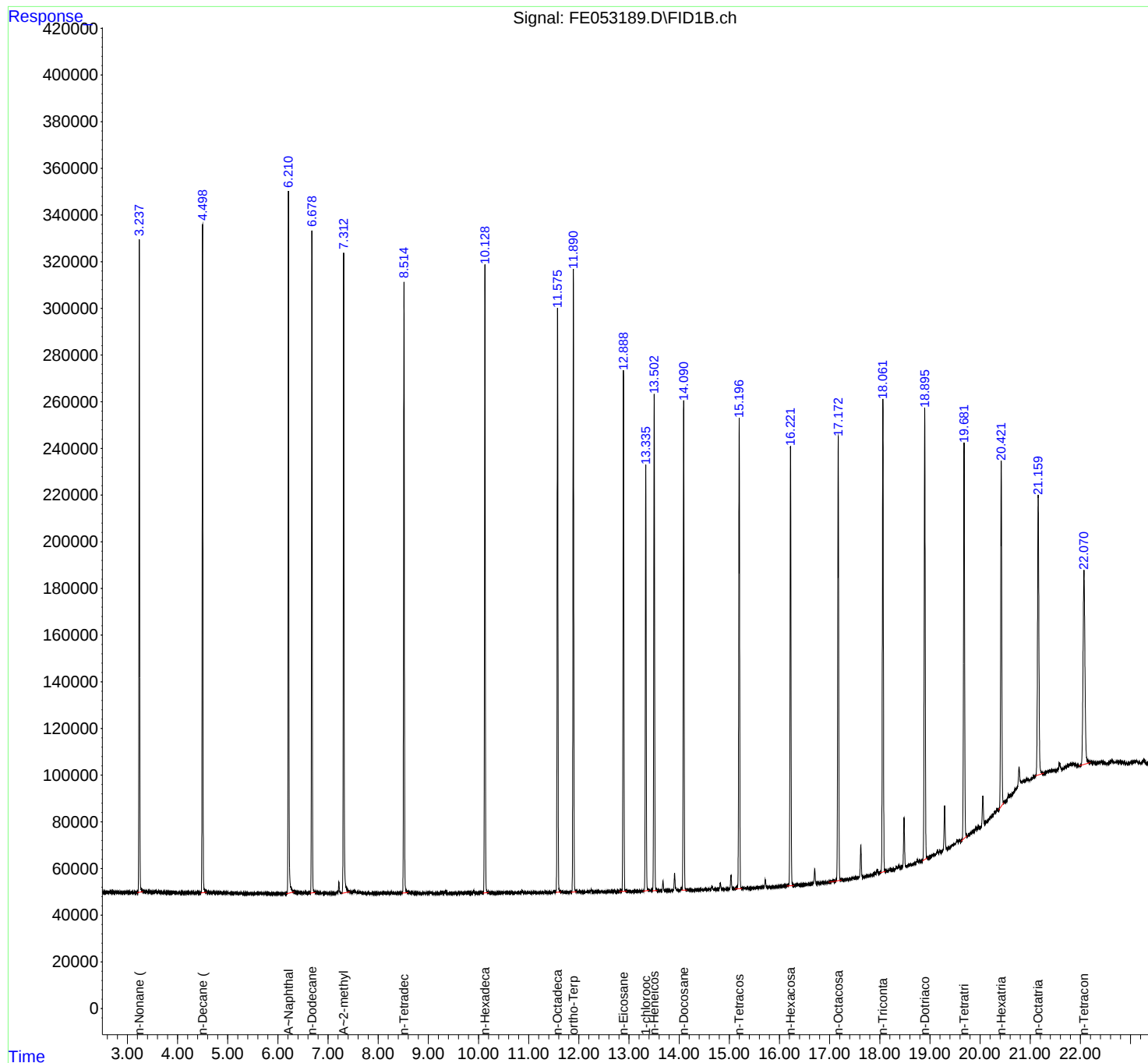
(m)=manual int.

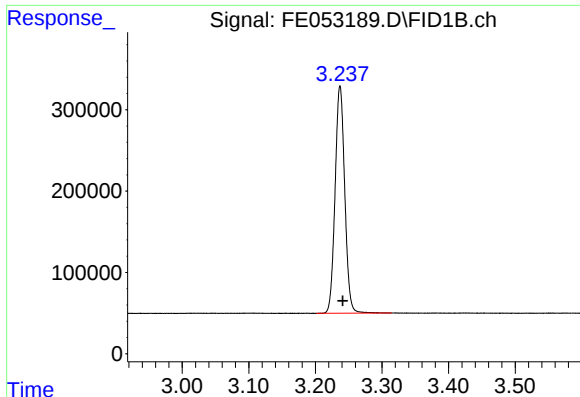
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040425AL\  
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Signal(s) : FID1B.ch  
Acq On : 04 Apr 2025 12:36  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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ALS Vial : 3 Sample Multiplier: 1

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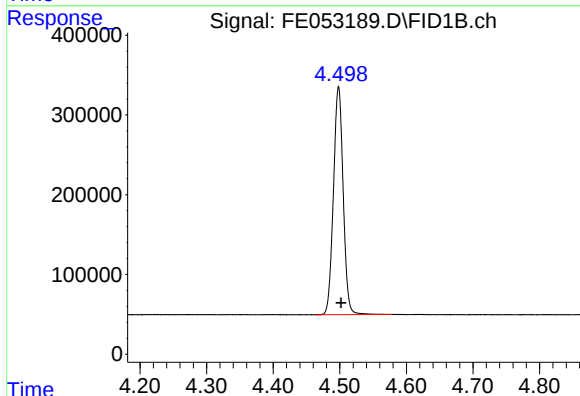




#1 n-Nonane (C9)

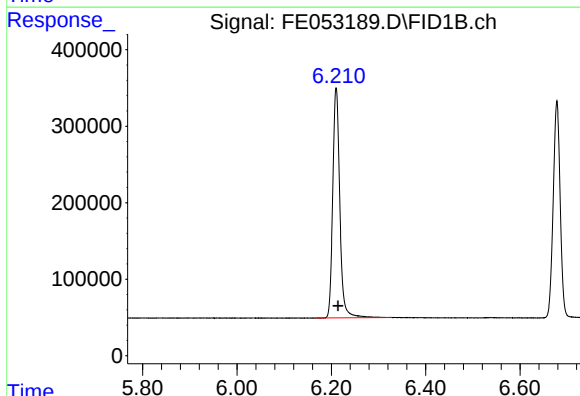
R.T.: 3.237 min  
Delta R.T.: -0.004 min  
Response: 2813618  
Conc: 18.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



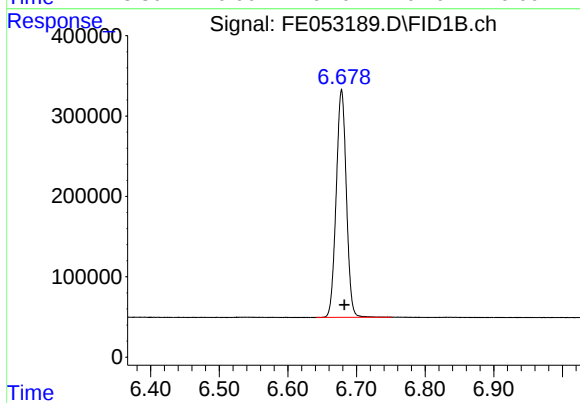
#2 n-Decane (C10)

R.T.: 4.498 min  
Delta R.T.: -0.004 min  
Response: 2910526  
Conc: 18.56 ug/ml



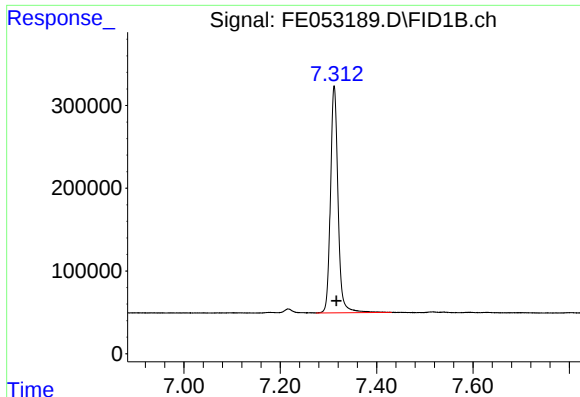
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min  
Delta R.T.: -0.004 min  
Response: 3114148  
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

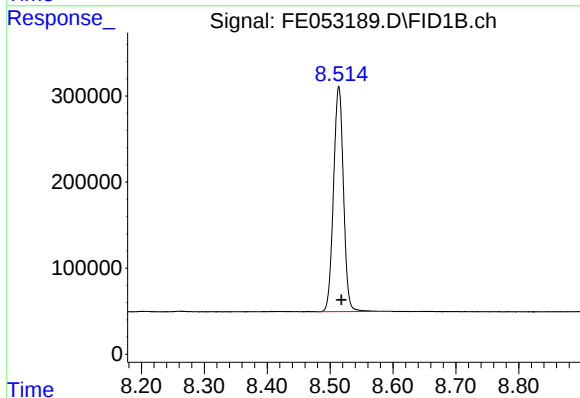
R.T.: 6.678 min  
Delta R.T.: -0.004 min  
Response: 2914219  
Conc: 18.63 ug/ml



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

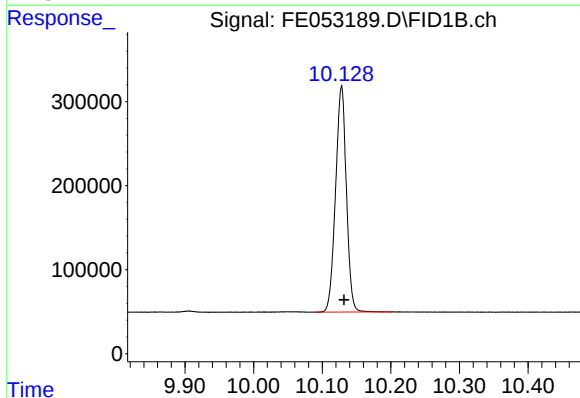
R.T.: 7.312 min  
Delta R.T.: -0.004 min  
Response: 2975186  
Conc: 18.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



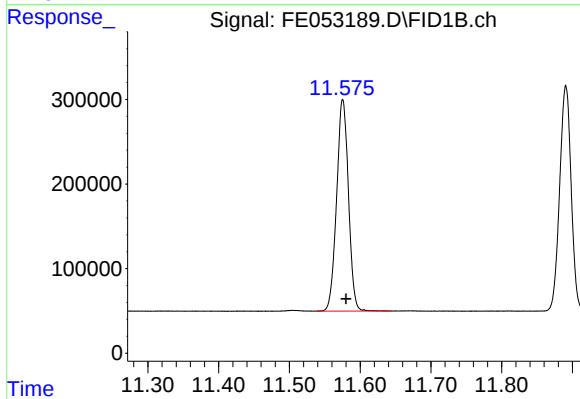
#6 n-Tetradecane (C14)

R.T.: 8.514 min  
Delta R.T.: -0.004 min  
Response: 2879070  
Conc: 18.80 ug/ml



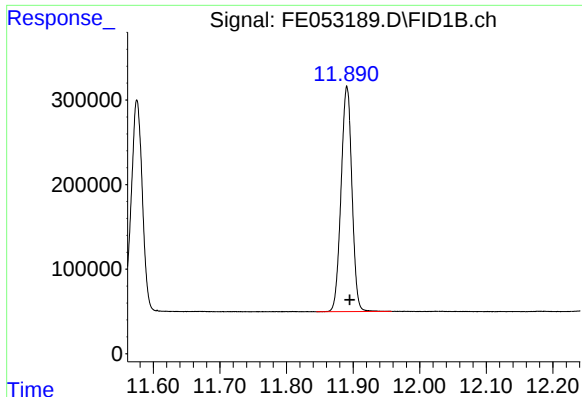
#7 n-Hexadecane (C16)

R.T.: 10.128 min  
Delta R.T.: -0.004 min  
Response: 2941123  
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min  
Delta R.T.: -0.005 min  
Response: 2904769  
Conc: 19.15 ug/ml



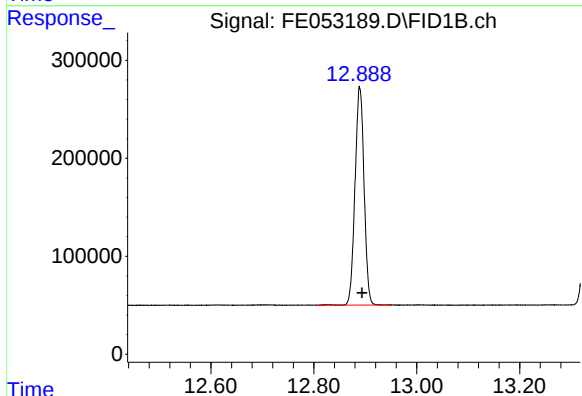
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min  
Delta R.T.: -0.004 min  
Response: 3017672  
Conc: 18.53 ug/ml

Instrument :

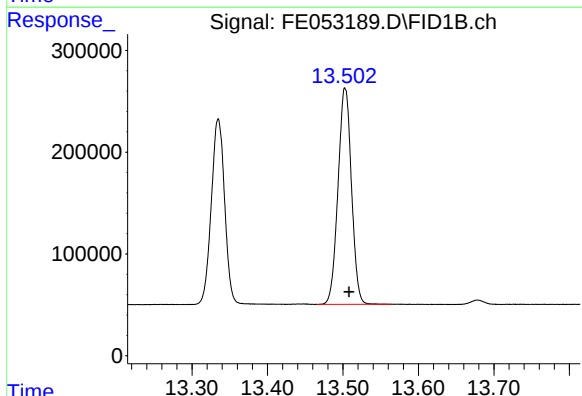
FID\_E

ClientSampleId :



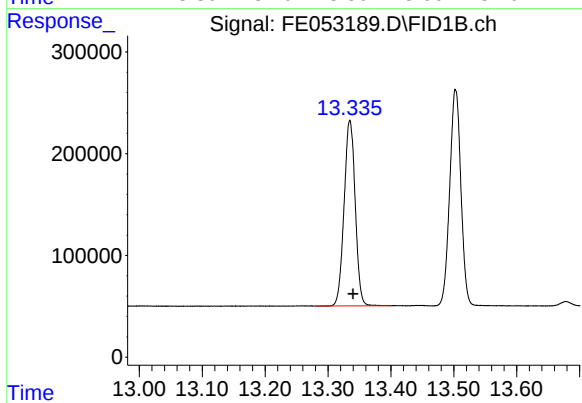
#10 n-Eicosane (C20)

R.T.: 12.889 min  
Delta R.T.: -0.005 min  
Response: 2717923  
Conc: 19.06 ug/ml



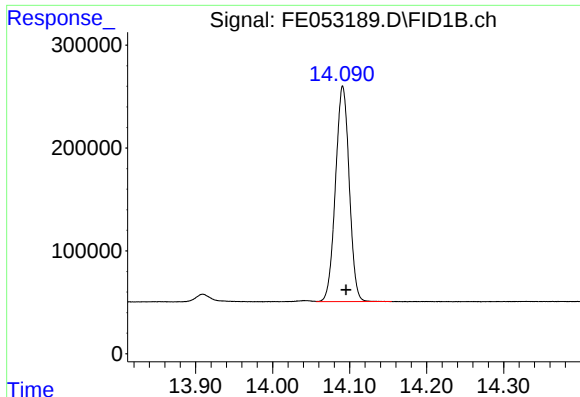
#11 n-Heneicosane (C21)

R.T.: 13.503 min  
Delta R.T.: -0.005 min  
Response: 2630021  
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

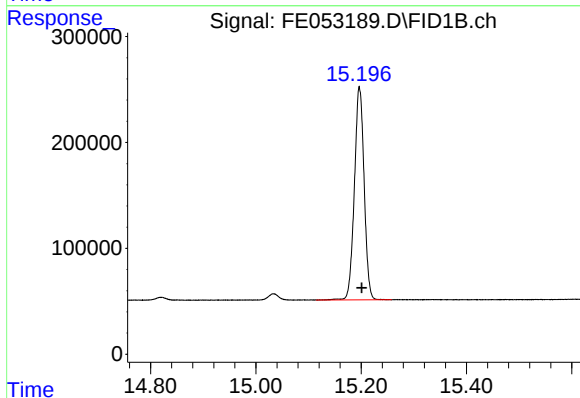
R.T.: 13.335 min  
Delta R.T.: -0.005 min  
Response: 2237456  
Conc: 18.64 ug/ml



#13 n-Docosane (C22)

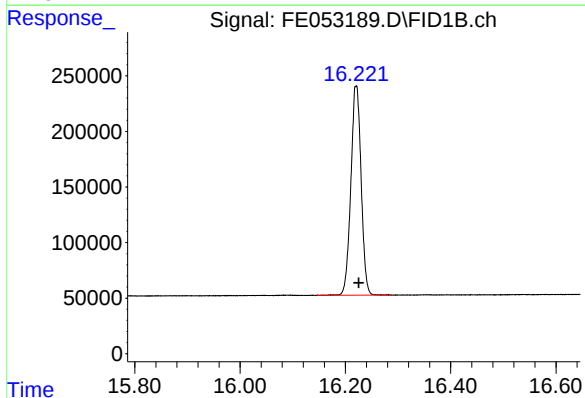
R.T.: 14.091 min  
Delta R.T.: -0.005 min  
Response: 2595231  
Conc: 18.95 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



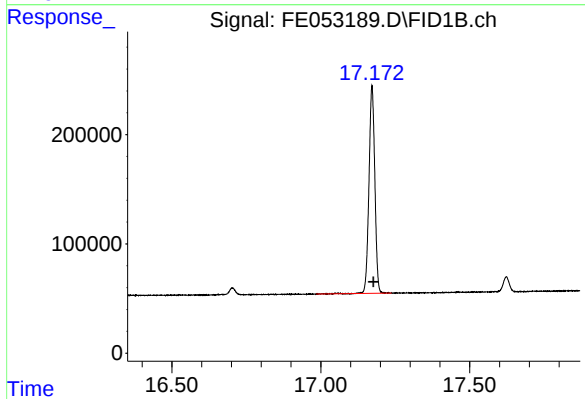
#14 n-Tetracosane (C24)

R.T.: 15.197 min  
Delta R.T.: -0.004 min  
Response: 2580390  
Conc: 19.11 ug/ml



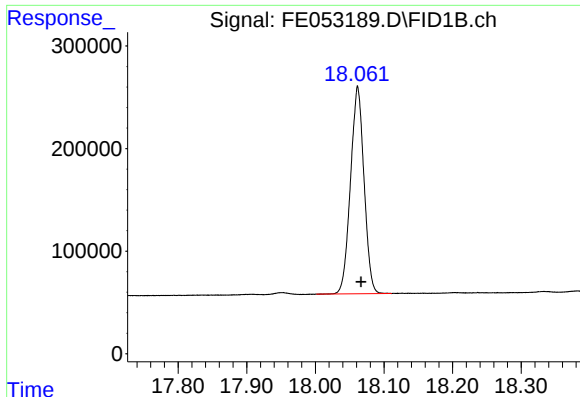
#15 n-Hexacosane (C26)

R.T.: 16.221 min  
Delta R.T.: -0.005 min  
Response: 2555528  
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

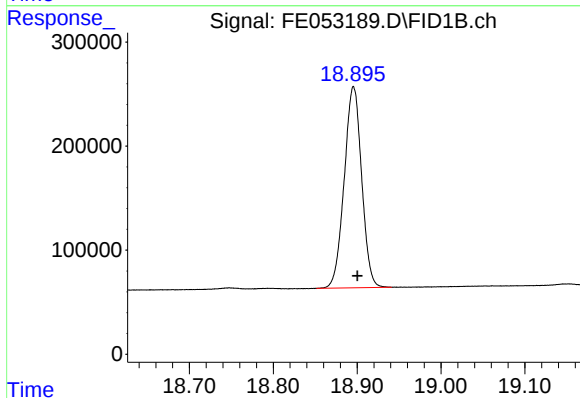
R.T.: 17.172 min  
Delta R.T.: -0.005 min  
Response: 2592938  
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

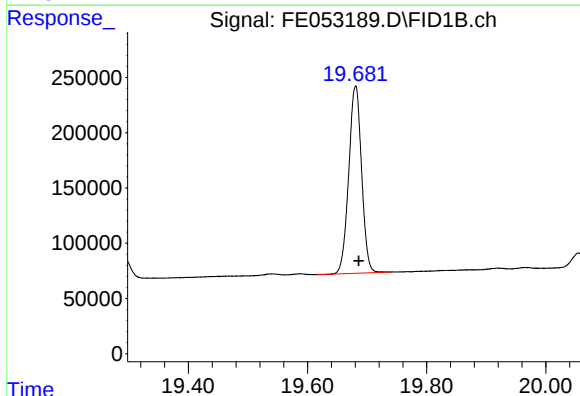
R.T.: 18.062 min  
Delta R.T.: -0.005 min  
Response: 2764438  
Conc: 20.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



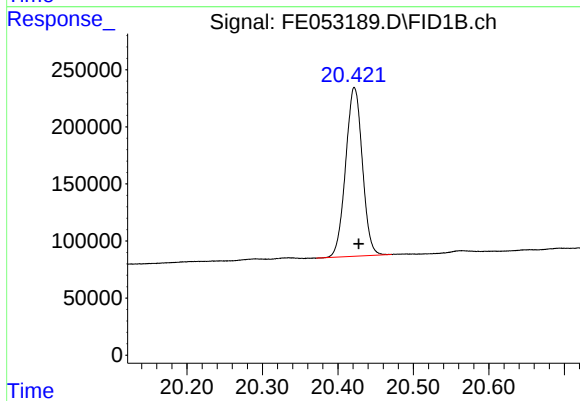
#18 n-Dotriacontane (C32)

R.T.: 18.896 min  
Delta R.T.: -0.005 min  
Response: 2791682  
Conc: 20.75 ug/ml



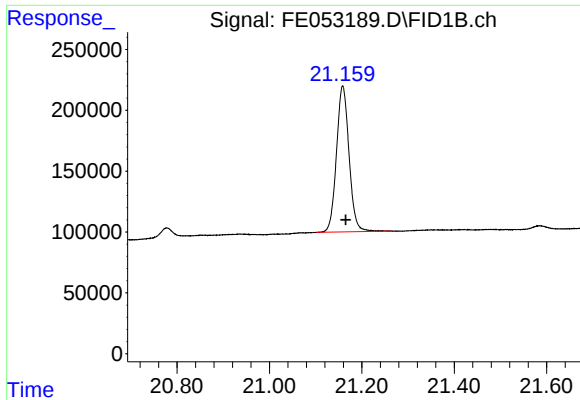
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min  
Delta R.T.: -0.005 min  
Response: 2534703  
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

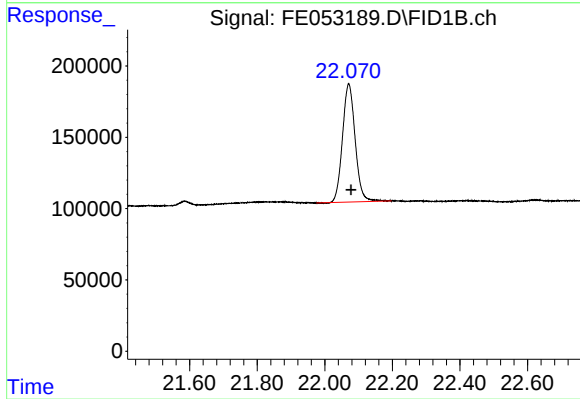
R.T.: 20.422 min  
Delta R.T.: -0.006 min  
Response: 2272700  
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min  
Delta R.T.: -0.006 min  
Response: 2265997  
Conc: 19.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.071 min  
Delta R.T.: -0.007 min  
Response: 2157852  
Conc: 19.21 ug/ml