

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052023AL\  
 Data File : FE042009.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 May 2023 09:55  
 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: May 19 11:52:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.972 | 3857801    | 21.848 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.70%       |
| 12) S 1-chlorooctadecane (S... | 13.406 | 2914532    | 21.934 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.349  | 2983671    | 20.692 ug/ml |
| 2) T n-Decane (C10)            | 4.601  | 3034656    | 20.499 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.309  | 3357943    | 20.581 ug/ml |
| 4) T n-Dodecane (C12)          | 6.769  | 3069742    | 20.471 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.406  | 3264820    | 20.572 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.599  | 3072583    | 20.510 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.207 | 3235387    | 20.770 ug/ml |
| 8) T n-Octadecane (C18)        | 11.651 | 3338790    | 21.114 ug/ml |
| 10) T n-Eicosane (C20)         | 12.962 | 3290518    | 21.708 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.573 | 3288908    | 22.199 ug/ml |
| 13) T n-Docosane (C22)         | 14.160 | 3280040    | 22.374 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.263 | 3315752    | 22.969 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.285 | 3282521    | 23.701 ug/ml |
| 16) T n-Octacosane (C28)       | 17.234 | 3196168    | 23.873 ug/ml |
| 17) T n-Tricontane (C30)       | 18.122 | 3190654    | 23.636 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.955 | 3024492    | 22.640 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.739 | 2825175    | 21.482 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.477 | 2595248    | 19.968 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.230 | 2488471    | 18.342 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.168 | 2339424    | 16.816 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

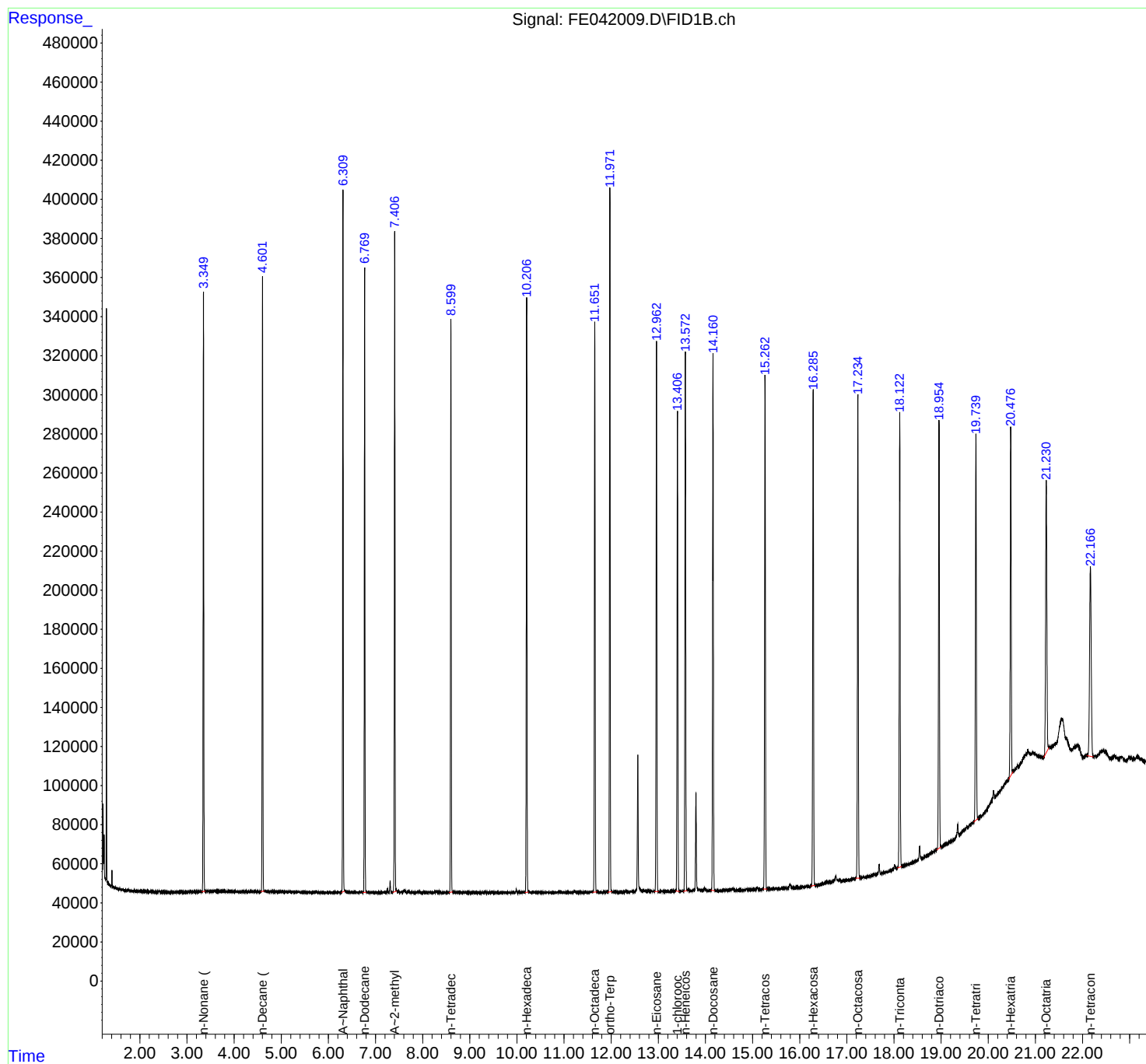
(m)=manual int.

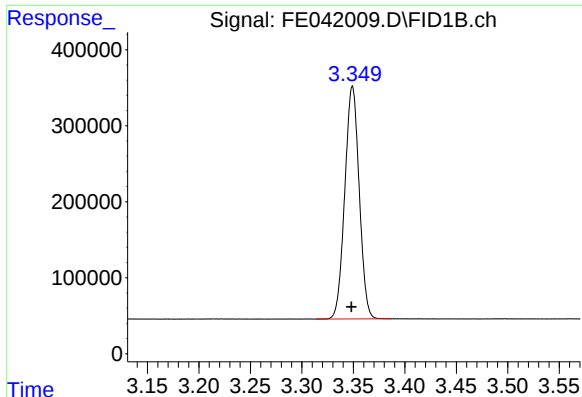
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052023AL\  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
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QLast Update : Thu May 18 06:27:12 2023  
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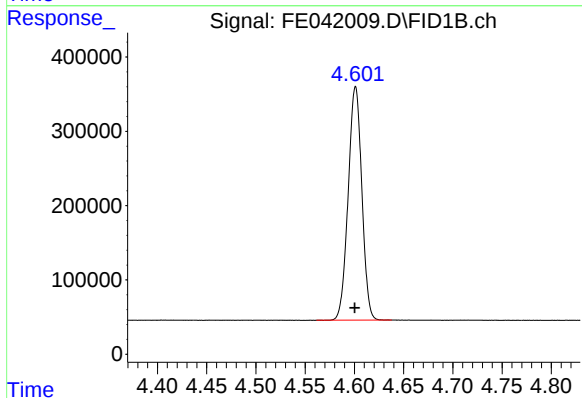




#1 n-Nonane (C9)

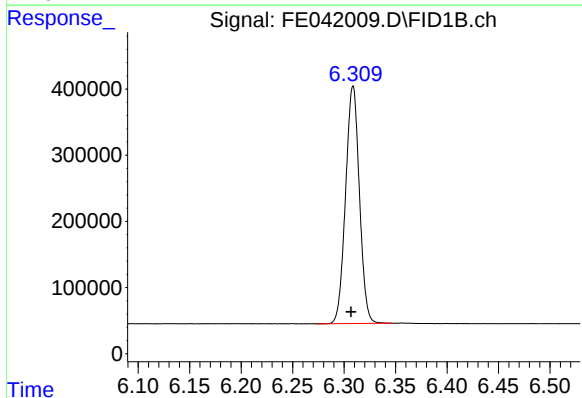
R.T.: 3.349 min  
Delta R.T.: 0.001 min  
Response: 2983671  
Conc: 20.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



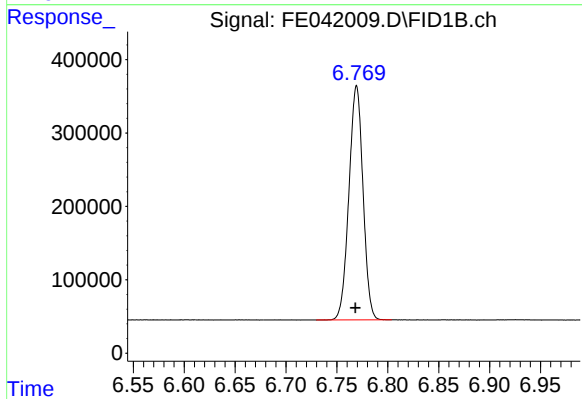
#2 n-Decane (C10)

R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 3034656  
Conc: 20.50 ug/ml



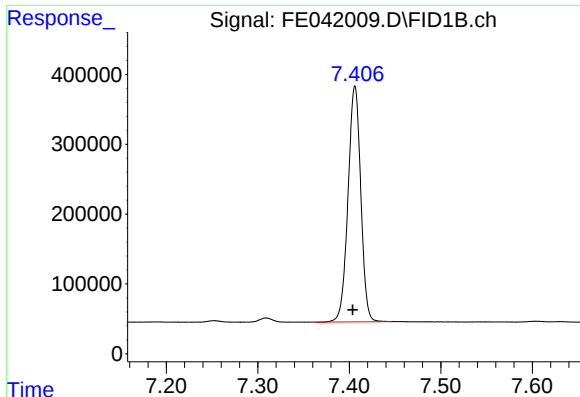
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min  
Delta R.T.: 0.002 min  
Response: 3357943  
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

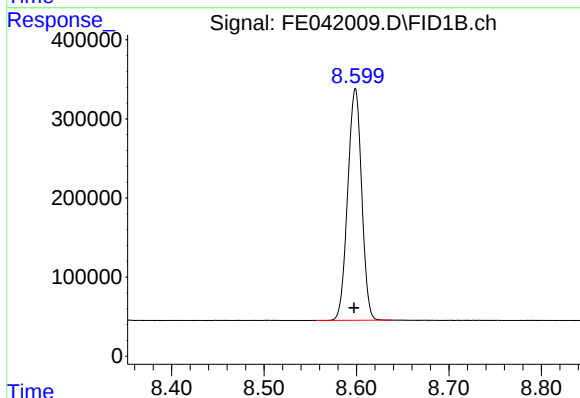
R.T.: 6.769 min  
Delta R.T.: 0.001 min  
Response: 3069742  
Conc: 20.47 ug/ml



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

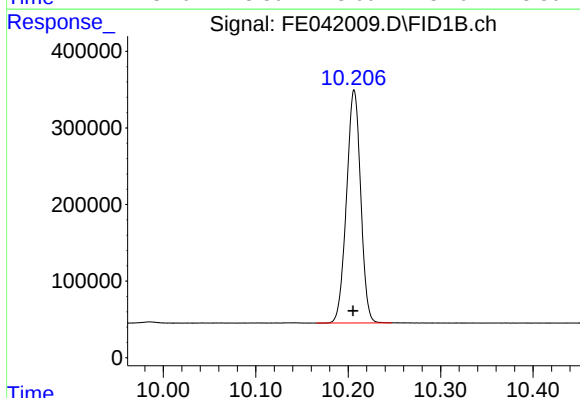
R.T.: 7.406 min  
Delta R.T.: 0.003 min  
Response: 3264820  
Conc: 20.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



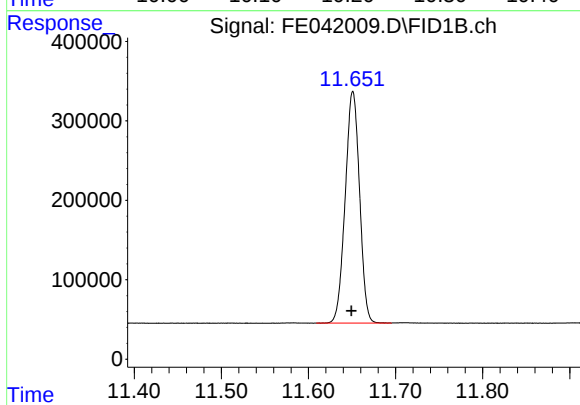
#6 n-Tetradecane (C14)

R.T.: 8.599 min  
Delta R.T.: 0.002 min  
Response: 3072583  
Conc: 20.51 ug/ml



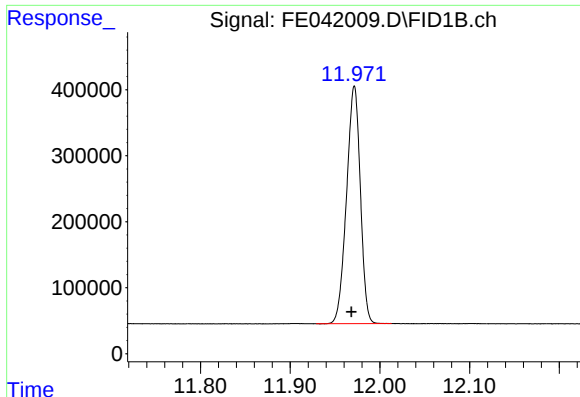
#7 n-Hexadecane (C16)

R.T.: 10.207 min  
Delta R.T.: 0.001 min  
Response: 3235387  
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

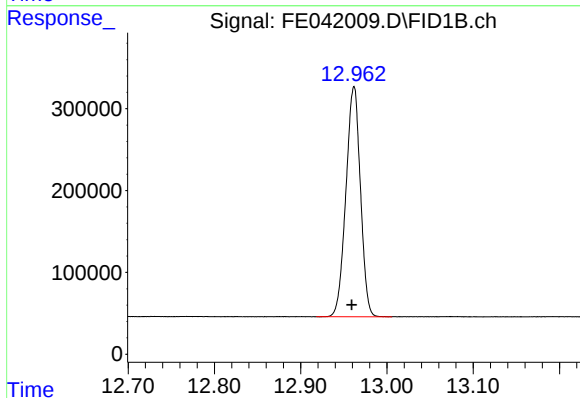
R.T.: 11.651 min  
Delta R.T.: 0.002 min  
Response: 3338790  
Conc: 21.11 ug/ml



#9 ortho-Terphenyl (SURR)

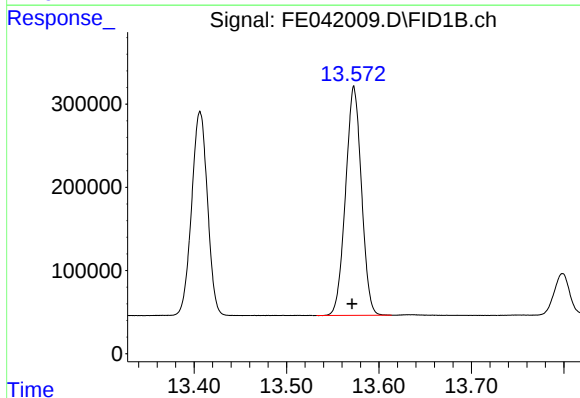
R.T.: 11.972 min  
Delta R.T.: 0.003 min  
Response: 3857801  
Conc: 21.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



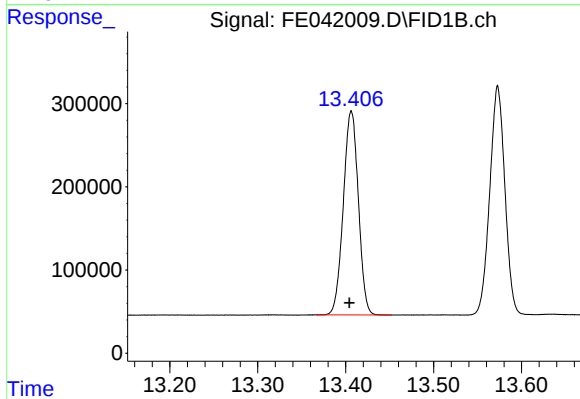
#10 n-Eicosane (C20)

R.T.: 12.962 min  
Delta R.T.: 0.003 min  
Response: 3290518  
Conc: 21.71 ug/ml



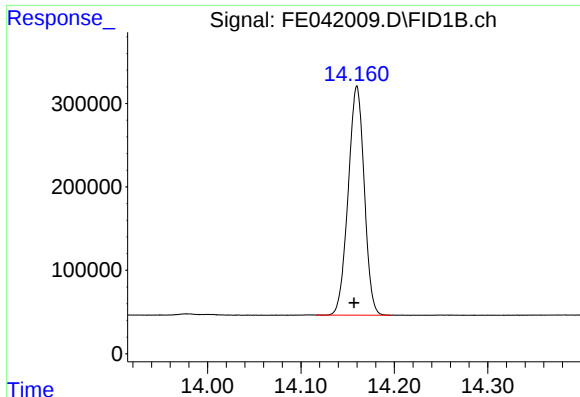
#11 n-Heneicosane (C21)

R.T.: 13.573 min  
Delta R.T.: 0.002 min  
Response: 3288908  
Conc: 22.20 ug/ml



#12 1-chlorooctadecane (SURR)

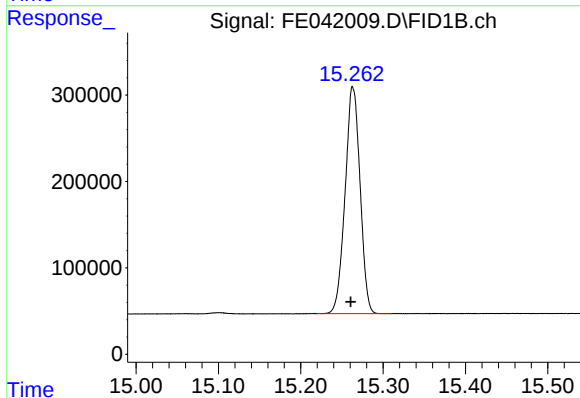
R.T.: 13.406 min  
Delta R.T.: 0.002 min  
Response: 2914532  
Conc: 21.93 ug/ml



#13 n-Docosane (C22)

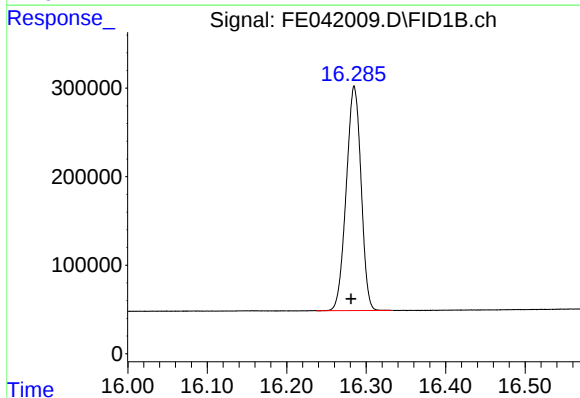
R.T.: 14.160 min  
Delta R.T.: 0.003 min  
Response: 3280040  
Conc: 22.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



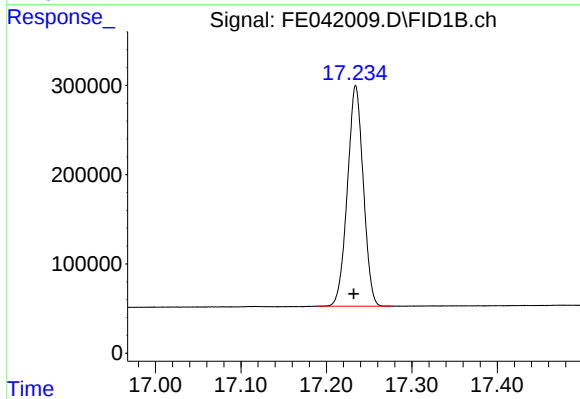
#14 n-Tetracosane (C24)

R.T.: 15.263 min  
Delta R.T.: 0.002 min  
Response: 3315752  
Conc: 22.97 ug/ml



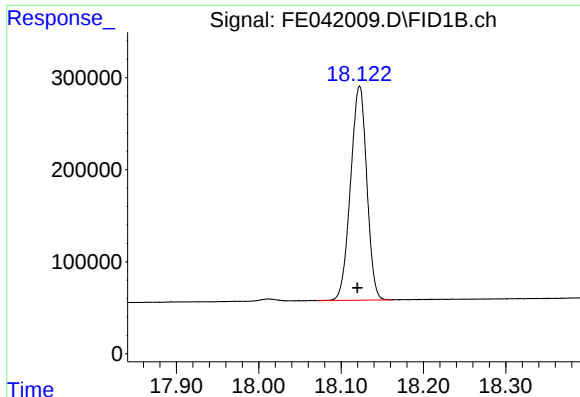
#15 n-Hexacosane (C26)

R.T.: 16.285 min  
Delta R.T.: 0.004 min  
Response: 3282521  
Conc: 23.70 ug/ml



#16 n-Octacosane (C28)

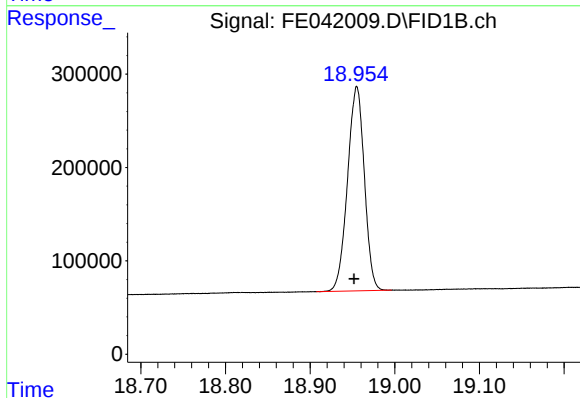
R.T.: 17.234 min  
Delta R.T.: 0.002 min  
Response: 3196168  
Conc: 23.87 ug/ml



#17 n-Tricontane (C30)

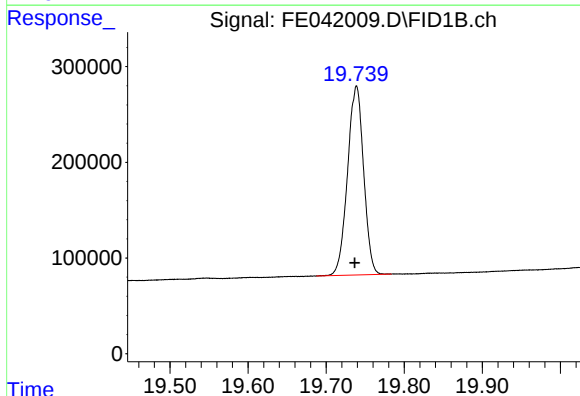
R.T.: 18.122 min  
Delta R.T.: 0.003 min  
Response: 3190654  
Conc: 23.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



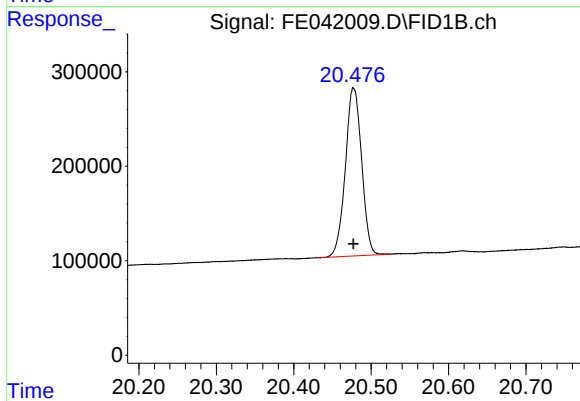
#18 n-Dotriacontane (C32)

R.T.: 18.955 min  
Delta R.T.: 0.003 min  
Response: 3024492  
Conc: 22.64 ug/ml



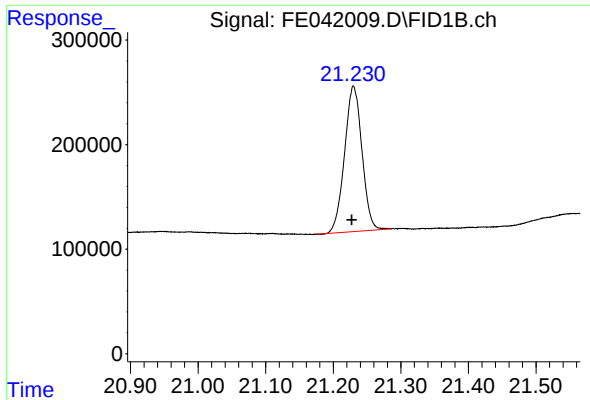
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min  
Delta R.T.: 0.002 min  
Response: 2825175  
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

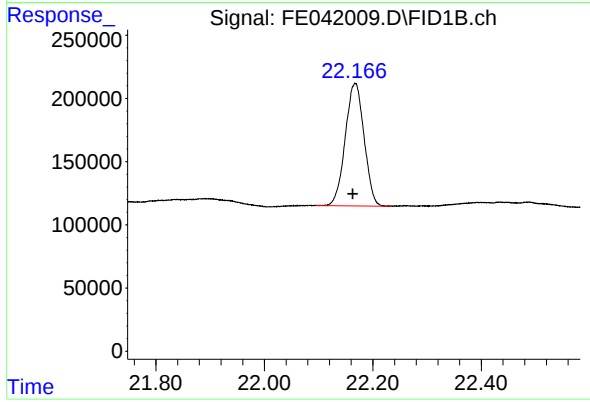
R.T.: 20.477 min  
Delta R.T.: 0.000 min  
Response: 2595248  
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.230 min  
Delta R.T.: 0.003 min  
Response: 2488471  
Conc: 18.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.168 min  
Delta R.T.: 0.005 min  
Response: 2339424  
Conc: 16.82 ug/ml