

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020524AL\  
 Data File : FE046566.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Feb 2024 09:58  
 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: Feb 05 11:23:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 2024  
 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)    | 11.825 | 3306885    | 17.884 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.77%       |
| 12) S 1-chlorooctadecane (S... | 13.268 | 2493848    | 17.528 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.06%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.207  | 3130211    | 19.379 ug/ml |
| 2) T n-Decane (C10)            | 4.458  | 3194622    | 19.493 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.164  | 3318474    | 19.406 ug/ml |
| 4) T n-Dodecane (C12)          | 6.626  | 3217489    | 19.451 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.261  | 3158132    | 19.801 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.453  | 3159744    | 19.279 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.064 | 3211004    | 18.791 ug/ml |
| 8) T n-Octadecane (C18)        | 11.509 | 3191345    | 18.305 ug/ml |
| 10) T n-Eicosane (C20)         | 12.820 | 3028401    | 17.837 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.434 | 2950144    | 17.688 ug/ml |
| 13) T n-Docosane (C22)         | 14.020 | 2911257    | 17.573 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.126 | 2843063    | 17.230 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.151 | 2751596    | 17.048 ug/ml |
| 16) T n-Octacosane (C28)       | 17.104 | 2710142    | 17.264 ug/ml |
| 17) T n-Tricontane (C30)       | 17.993 | 2763287    | 17.642 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.828 | 2697009    | 17.842 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.614 | 2601196    | 18.340 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.359 | 2379505    | 17.263 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.087 | 3118887    | 24.329 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.979 | 2511826    | 20.089 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

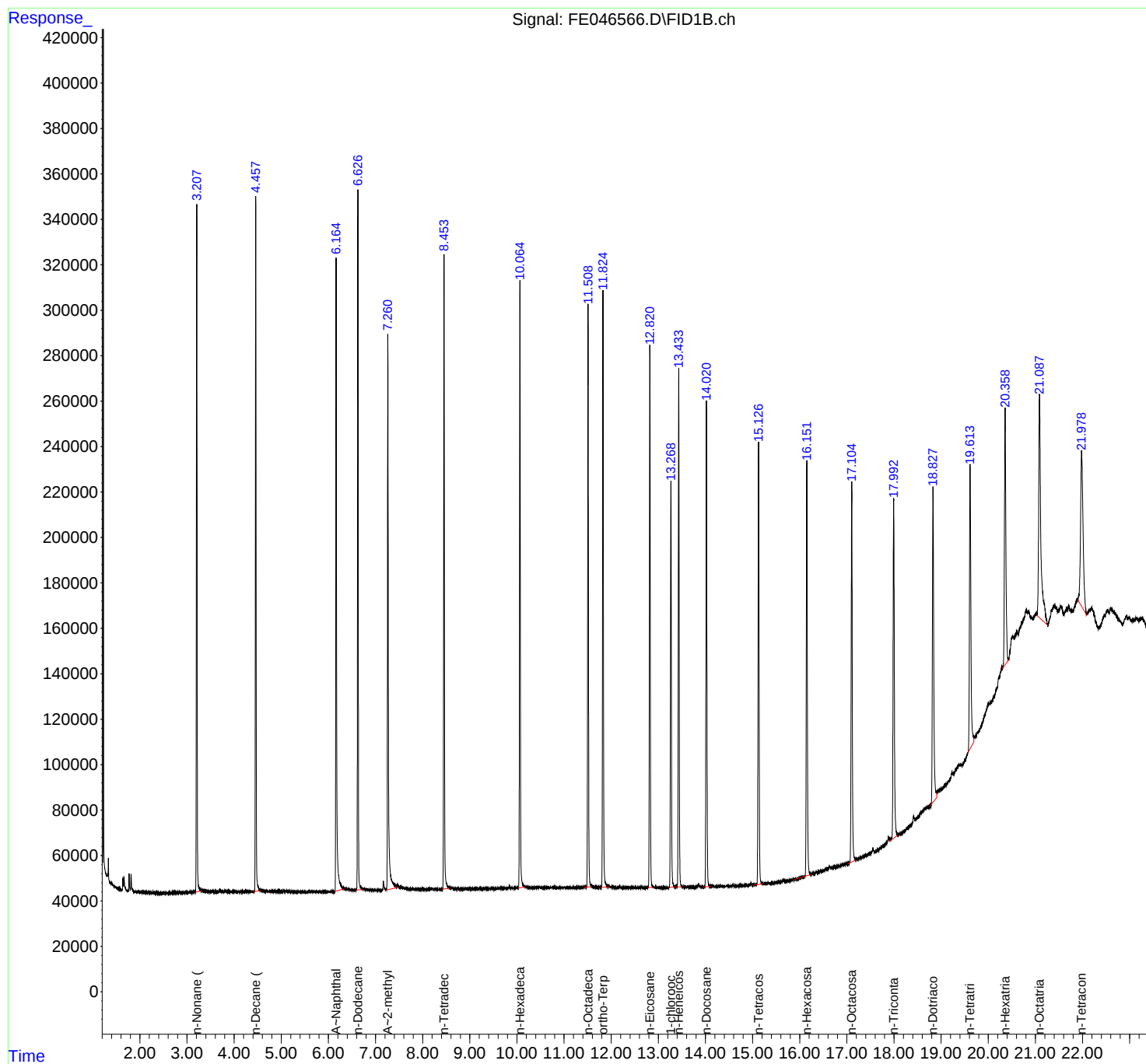
(m)=manual int.

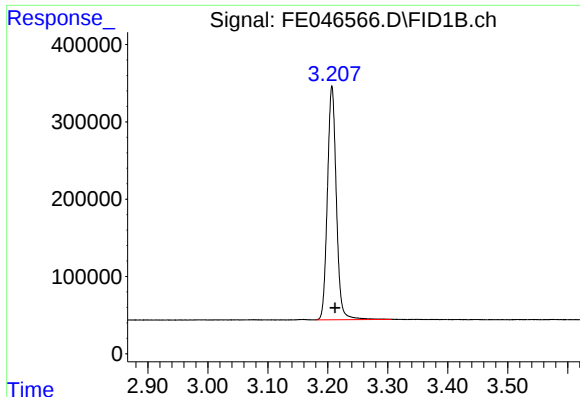
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020524AL\  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
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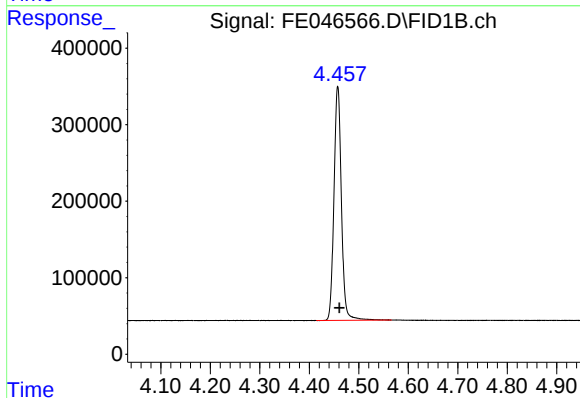




#1 n-Nonane (C9)

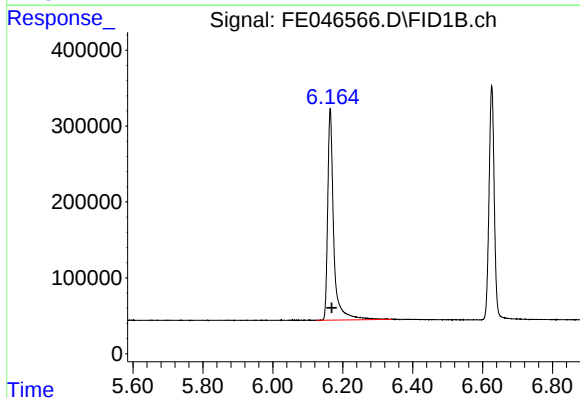
R.T.: 3.207 min  
Delta R.T.: -0.005 min  
Response: 3130211  
Conc: 19.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



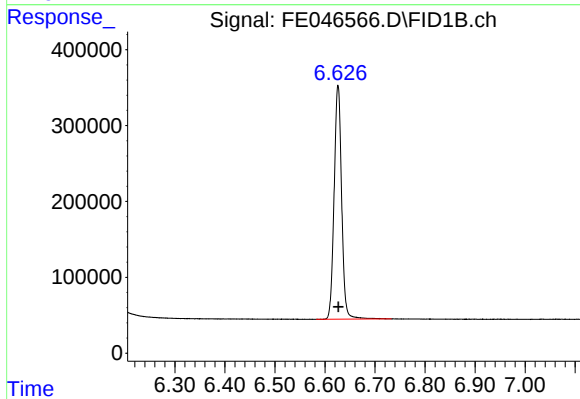
#2 n-Decane (C10)

R.T.: 4.458 min  
Delta R.T.: -0.003 min  
Response: 3194622  
Conc: 19.49 ug/ml



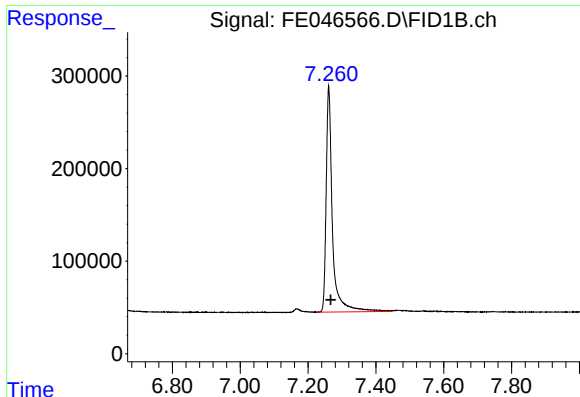
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min  
Delta R.T.: -0.005 min  
Response: 3318474  
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

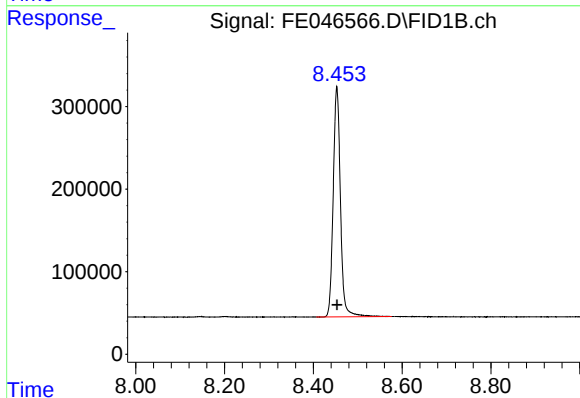
R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 3217489  
Conc: 19.45 ug/ml



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

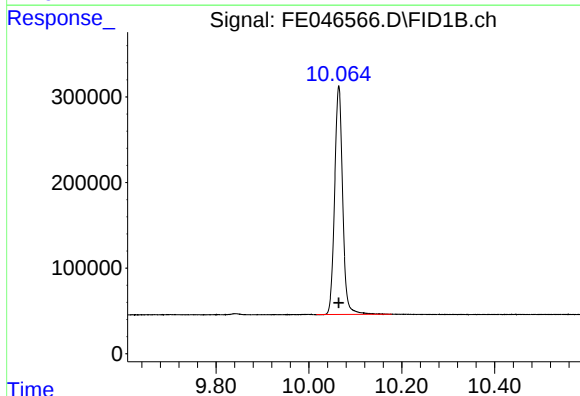
R.T.: 7.261 min  
Delta R.T.: -0.006 min  
Response: 3158132  
Conc: 19.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



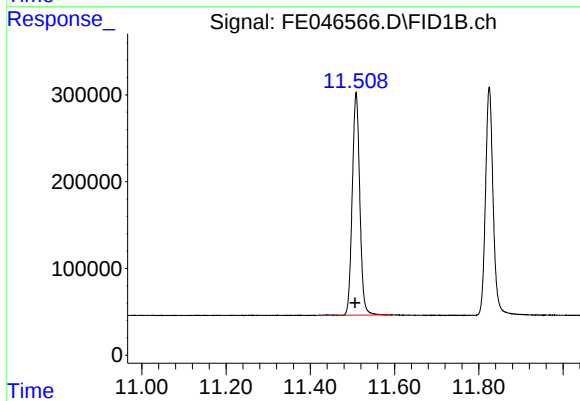
#6 n-Tetradecane (C14)

R.T.: 8.453 min  
Delta R.T.: -0.001 min  
Response: 3159744  
Conc: 19.28 ug/ml



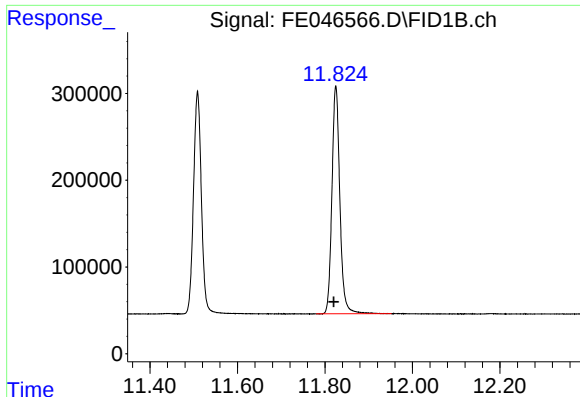
#7 n-Hexadecane (C16)

R.T.: 10.064 min  
Delta R.T.: 0.000 min  
Response: 3211004  
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

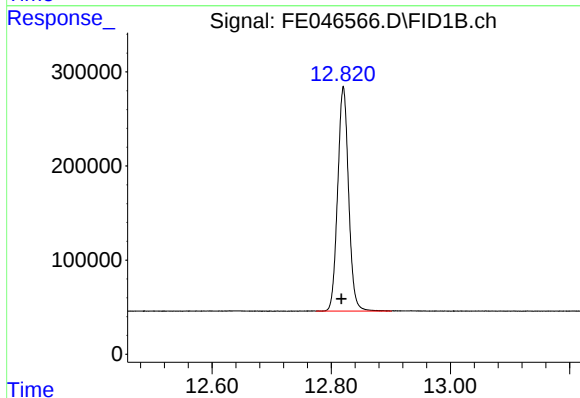
R.T.: 11.509 min  
Delta R.T.: 0.002 min  
Response: 3191345  
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

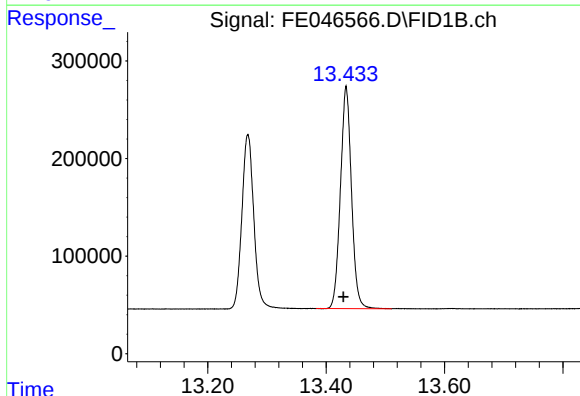
R.T.: 11.825 min  
Delta R.T.: 0.005 min  
Response: 3306885  
Conc: 17.88 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



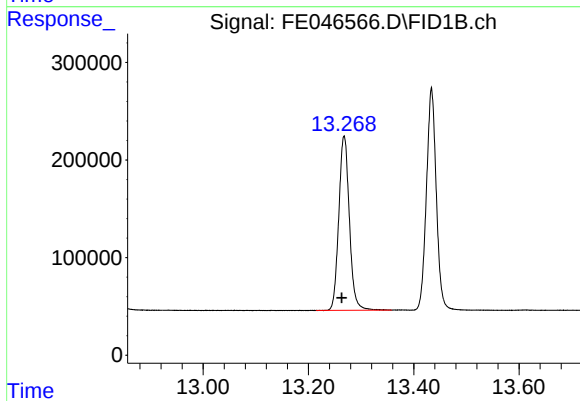
#10 n-Eicosane (C20)

R.T.: 12.820 min  
Delta R.T.: 0.003 min  
Response: 3028401  
Conc: 17.84 ug/ml



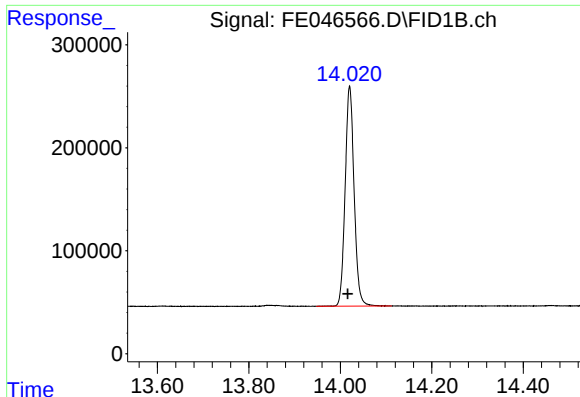
#11 n-Heneicosane (C21)

R.T.: 13.434 min  
Delta R.T.: 0.004 min  
Response: 2950144  
Conc: 17.69 ug/ml



#12 1-chlorooctadecane (SURR)

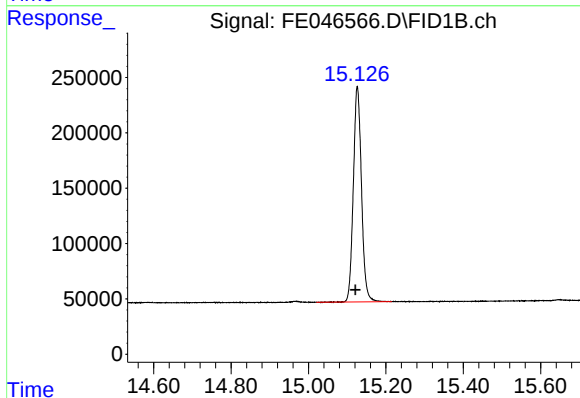
R.T.: 13.268 min  
Delta R.T.: 0.004 min  
Response: 2493848  
Conc: 17.53 ug/ml



#13 n-Docosane (C22)

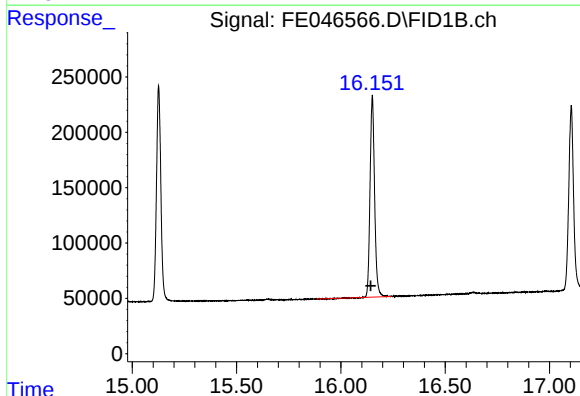
R.T.: 14.020 min  
Delta R.T.: 0.004 min  
Response: 2911257  
Conc: 17.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



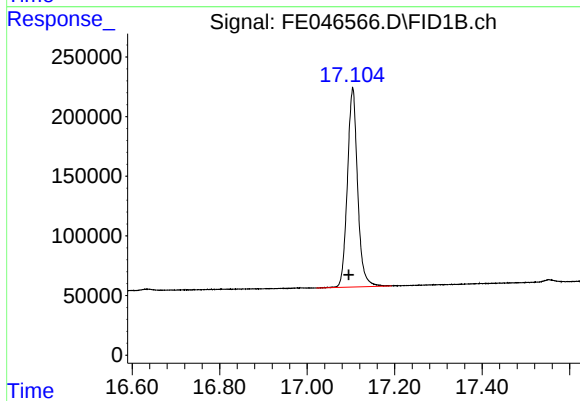
#14 n-Tetracosane (C24)

R.T.: 15.126 min  
Delta R.T.: 0.005 min  
Response: 2843063  
Conc: 17.23 ug/ml



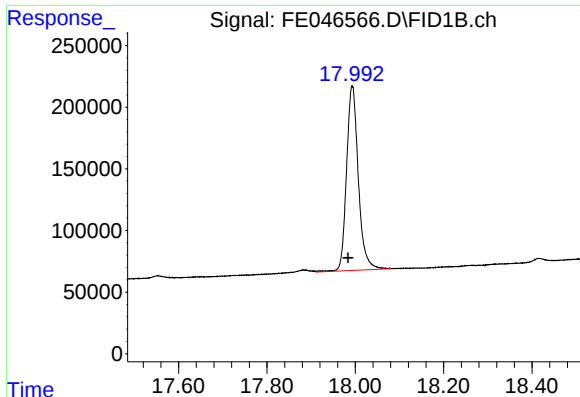
#15 n-Hexacosane (C26)

R.T.: 16.151 min  
Delta R.T.: 0.007 min  
Response: 2751596  
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

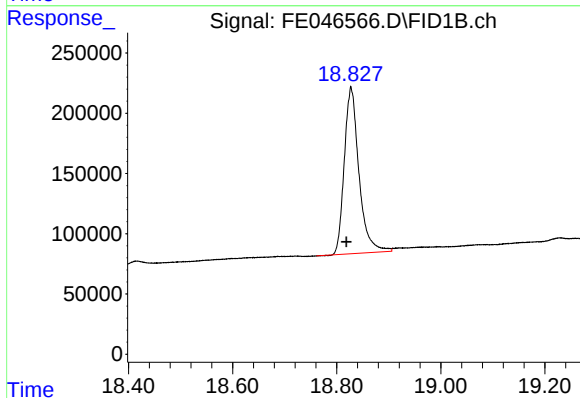
R.T.: 17.104 min  
Delta R.T.: 0.010 min  
Response: 2710142  
Conc: 17.26 ug/ml



#17 n-Tricontane (C30)

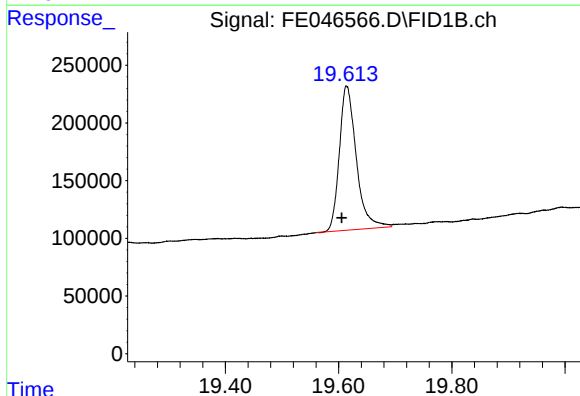
R.T.: 17.993 min  
Delta R.T.: 0.009 min  
Response: 2763287  
Conc: 17.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



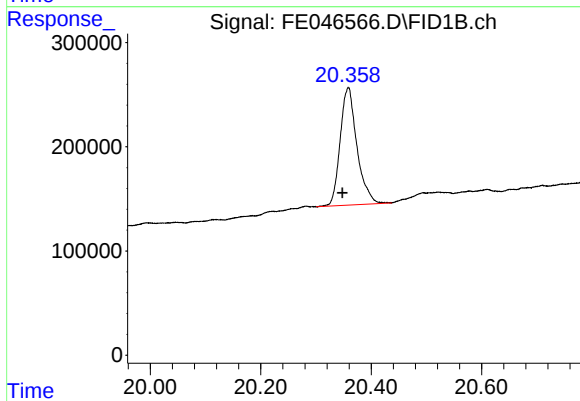
#18 n-Dotriacontane (C32)

R.T.: 18.828 min  
Delta R.T.: 0.009 min  
Response: 2697009  
Conc: 17.84 ug/ml



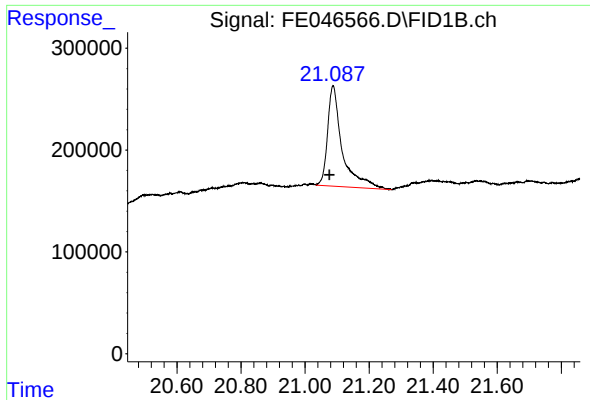
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min  
Delta R.T.: 0.008 min  
Response: 2601196  
Conc: 18.34 ug/ml



#20 n-Hexatriacontane (C36)

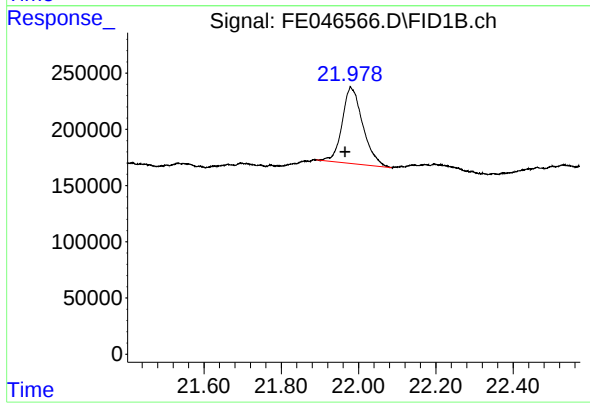
R.T.: 20.359 min  
Delta R.T.: 0.011 min  
Response: 2379505  
Conc: 17.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.087 min  
Delta R.T.: 0.011 min  
Response: 3118887  
Conc: 24.33 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.979 min  
Delta R.T.: 0.014 min  
Response: 2511826  
Conc: 20.09 ug/ml