

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022825AL\  
 Data File : FE052564.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Feb 2025 15:46  
 Operator : YP\AJ  
 Sample : Q1458-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SP-SOILMS

Integration File: autoint1.e  
 Quant Time: Feb 28 22:09:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021325.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 14 00:50:00 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)    | 11.916 | 4874609    | 26.077 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 52.15%       |
| 12) S 1-chlorooctadecane (S... | 13.361 | 3804223    | 27.369 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 54.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.255  | 4119731    | 26.839 ug/ml |
| 2) T n-Decane (C10)            | 4.517  | 4581087    | 29.331 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 5508827    | 31.885 ug/ml |
| 4) T n-Dodecane (C12)          | 6.697  | 5108387    | 32.364 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.331  | 5282253    | 31.452 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.536  | 5488628    | 34.845 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.151 | 5637568    | 34.493 ug/ml |
| 8) T n-Octadecane (C18)        | 11.601 | 5680025    | 34.329 ug/ml |
| 10) T n-Eicosane (C20)         | 12.917 | 5761678    | 36.141 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.531 | 5523055    | 35.253 ug/ml |
| 13) T n-Docosane (C22)         | 14.120 | 5502235    | 35.159 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.211 | 11278331   | 71.713 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.252 | 5376615    | 34.713 ug/ml |
| 16) T n-Octacosane (C28)       | 17.203 | 5422763    | 35.452 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 5408531    | 34.648 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.928 | 5292046    | 34.584 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.714 | 5378894    | 37.810 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 5215350    | 41.844 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.198 | 5246690    | 48.002 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.124 | 5388130    | 53.566 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

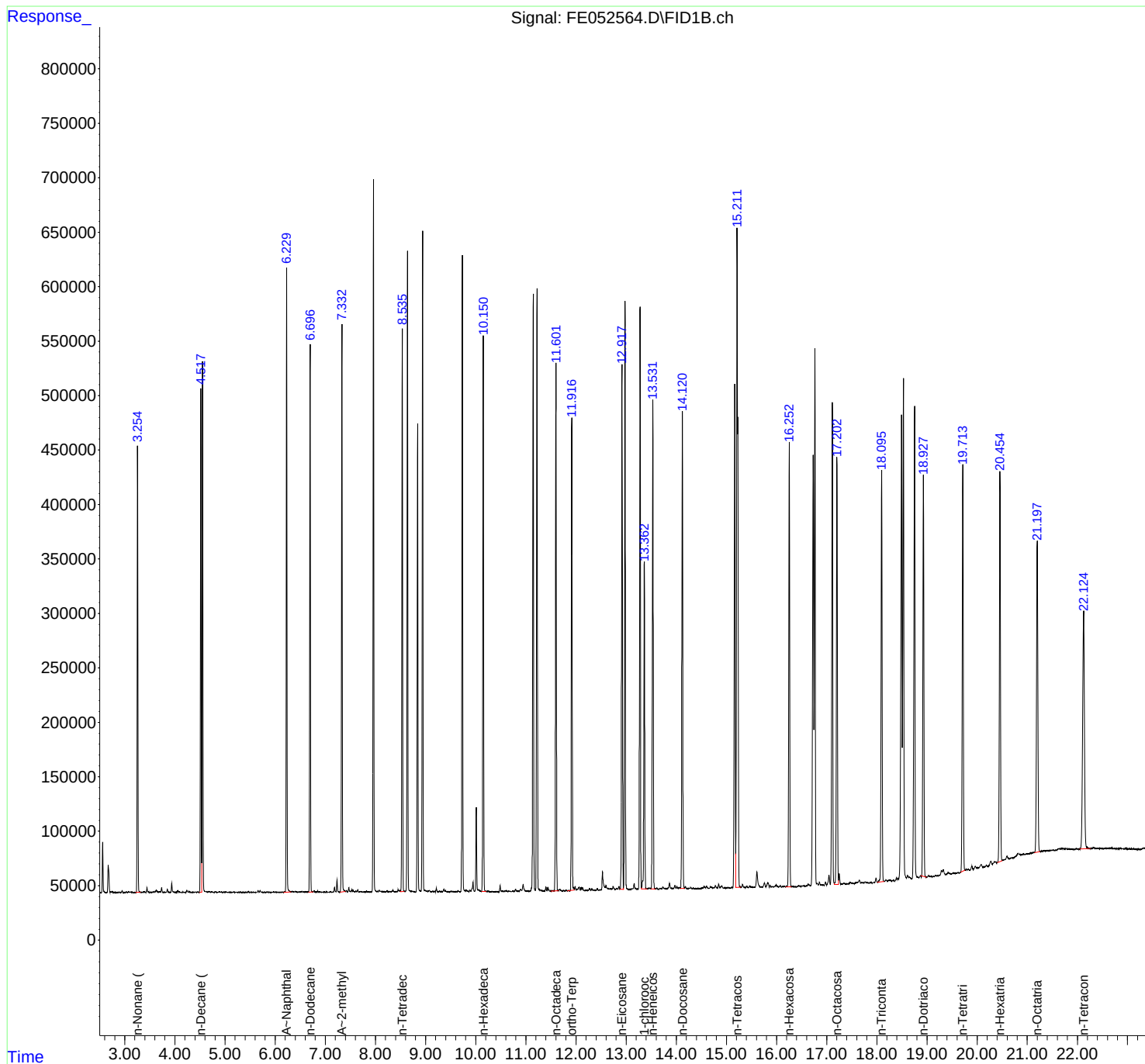
(m)=manual int.

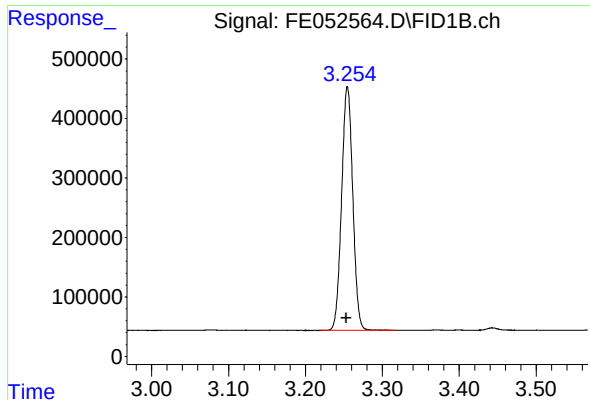
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022825AL\  
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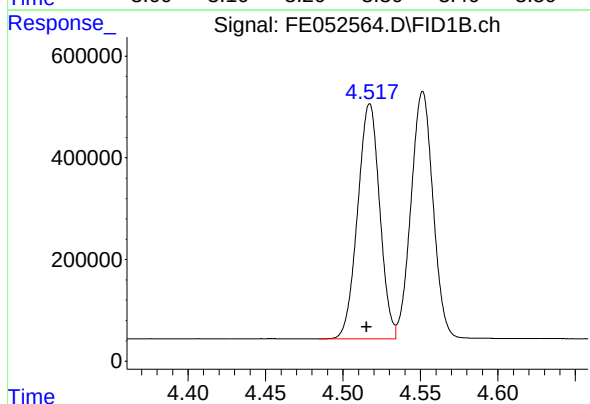




#1 n-Nonane (C9)

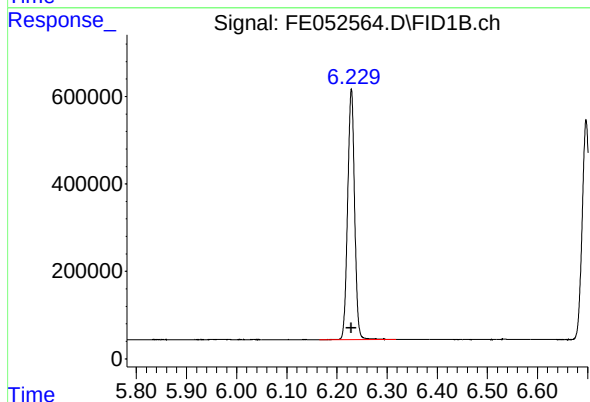
R.T.: 3.255 min  
Delta R.T.: 0.002 min  
Response: 4119731  
Conc: 26.84 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SP-SOILMS



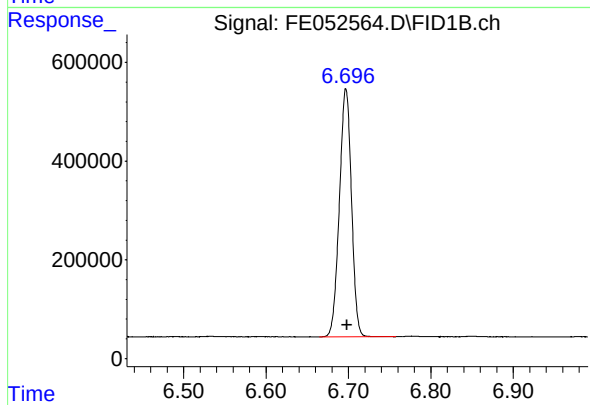
#2 n-Decane (C10)

R.T.: 4.517 min  
Delta R.T.: 0.002 min  
Response: 4581087  
Conc: 29.33 ug/ml



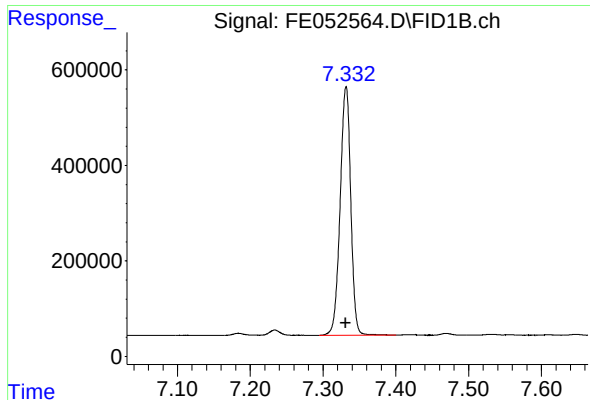
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 5508827  
Conc: 31.89 ug/ml



#4 n-Dodecane (C12)

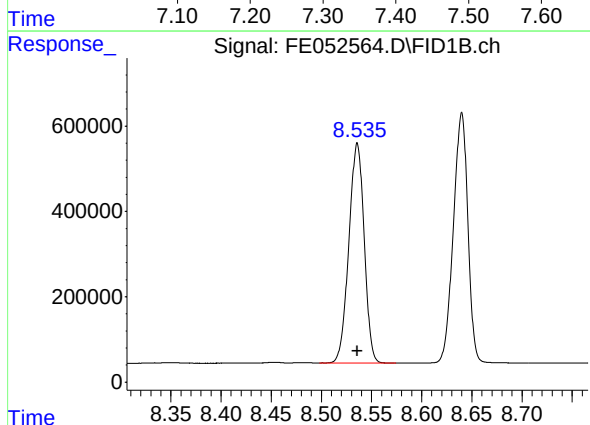
R.T.: 6.697 min  
Delta R.T.: -0.001 min  
Response: 5108387  
Conc: 32.36 ug/ml



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

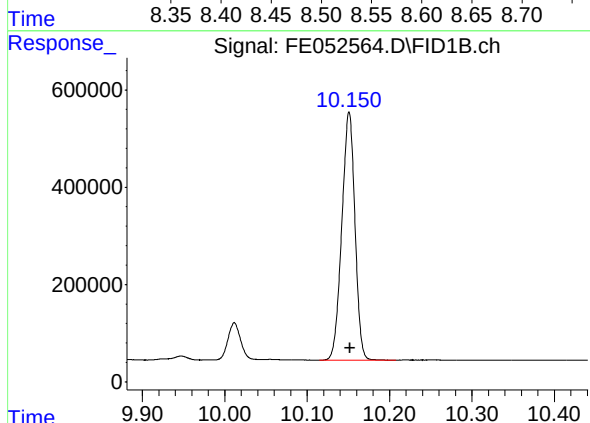
R.T.: 7.331 min  
Delta R.T.: 0.000 min  
Response: 5282253  
Conc: 31.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SP-SOILMS



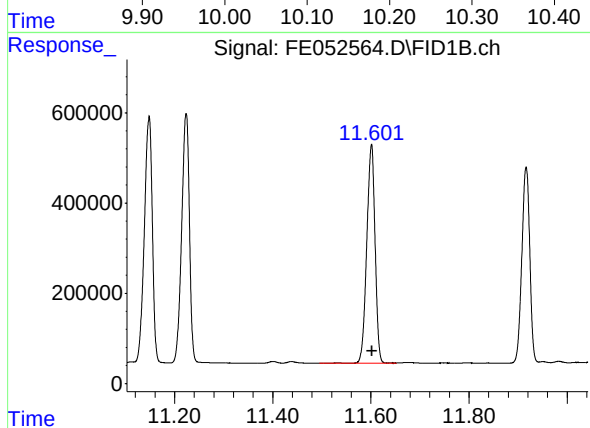
#6 n-Tetradecane (C14)

R.T.: 8.536 min  
Delta R.T.: 0.000 min  
Response: 5488628  
Conc: 34.85 ug/ml



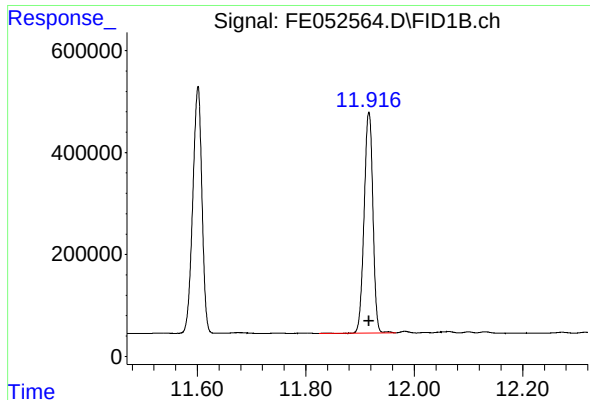
#7 n-Hexadecane (C16)

R.T.: 10.151 min  
Delta R.T.: -0.001 min  
Response: 5637568  
Conc: 34.49 ug/ml



#8 n-Octadecane (C18)

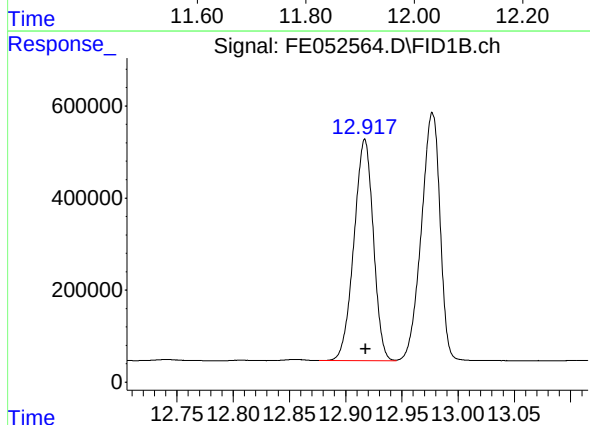
R.T.: 11.601 min  
Delta R.T.: 0.000 min  
Response: 5680025  
Conc: 34.33 ug/ml



#9 ortho-Terphenyl (SURR)

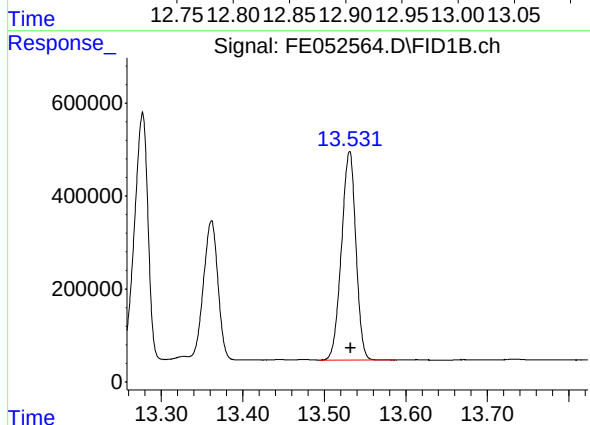
R.T.: 11.916 min  
Delta R.T.: 0.000 min  
Response: 4874609  
Conc: 26.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SP-SOILMS



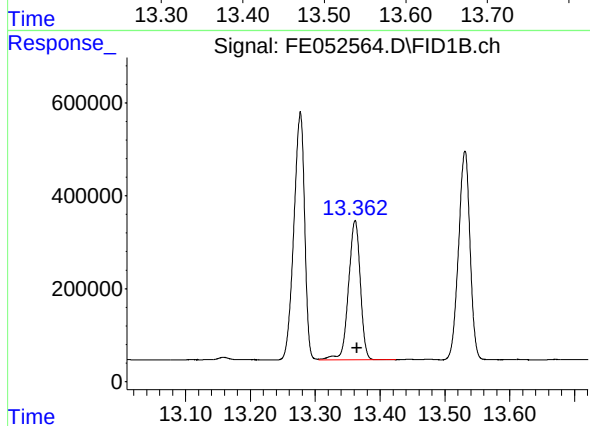
#10 n-Eicosane (C20)

R.T.: 12.917 min  
Delta R.T.: 0.000 min  
Response: 5761678  
Conc: 36.14 ug/ml



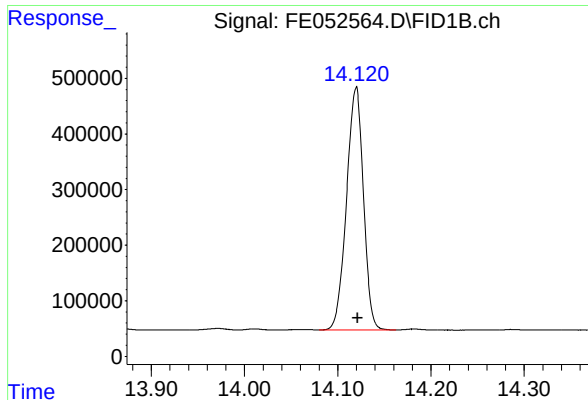
#11 n-Heneicosane (C21)

R.T.: 13.531 min  
Delta R.T.: -0.002 min  
Response: 5523055  
Conc: 35.25 ug/ml



#12 1-chlorooctadecane (SURR)

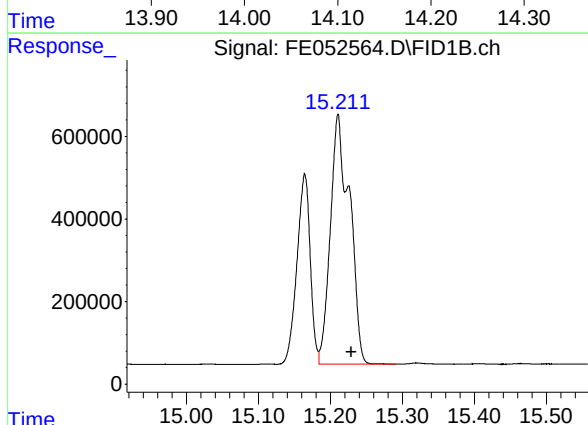
R.T.: 13.361 min  
Delta R.T.: -0.003 min  
Response: 3804223  
Conc: 27.37 ug/ml



#13 n-Docosane (C22)

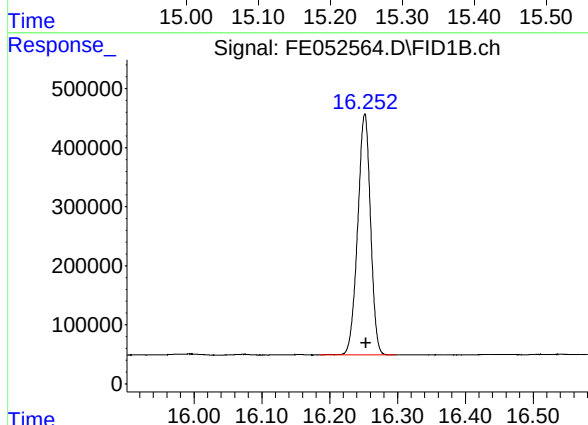
R.T.: 14.120 min  
Delta R.T.: -0.002 min  
Response: 5502235  
Conc: 35.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SP-SOILMS



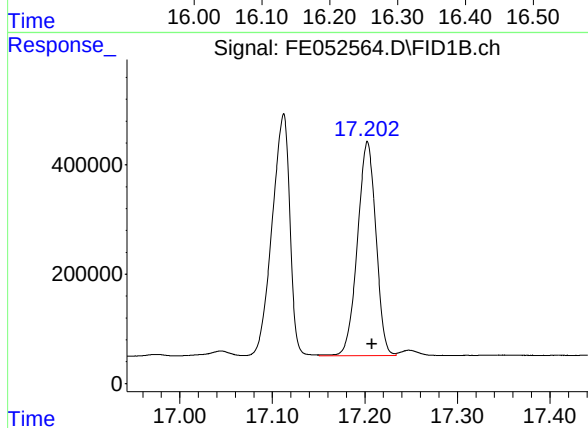
#14 n-Tetracosane (C24)

R.T.: 15.211 min  
Delta R.T.: -0.018 min  
Response: 11278331  
Conc: 71.71 ug/ml



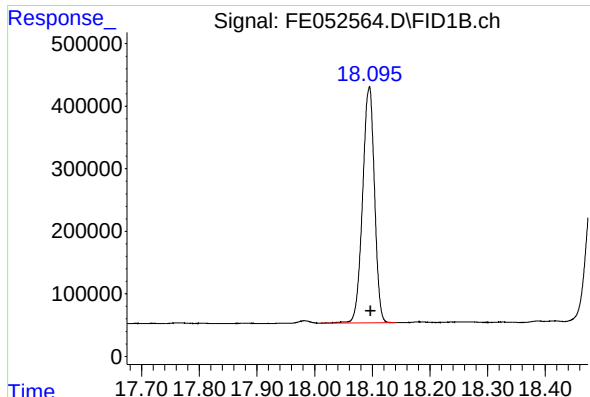
#15 n-Hexacosane (C26)

R.T.: 16.252 min  
Delta R.T.: -0.002 min  
Response: 5376615  
Conc: 34.71 ug/ml



#16 n-Octacosane (C28)

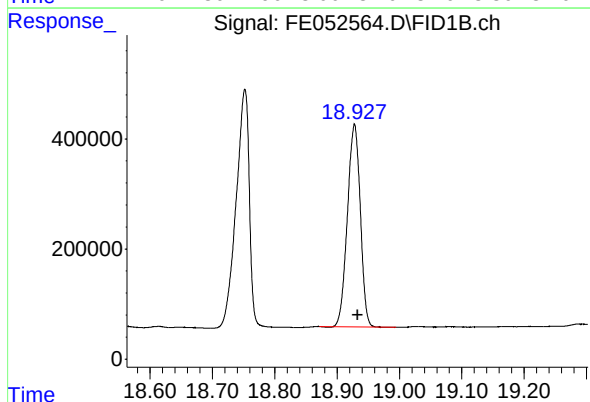
R.T.: 17.203 min  
Delta R.T.: -0.005 min  
Response: 5422763  
Conc: 35.45 ug/ml



#17 n-Tricontane (C30)

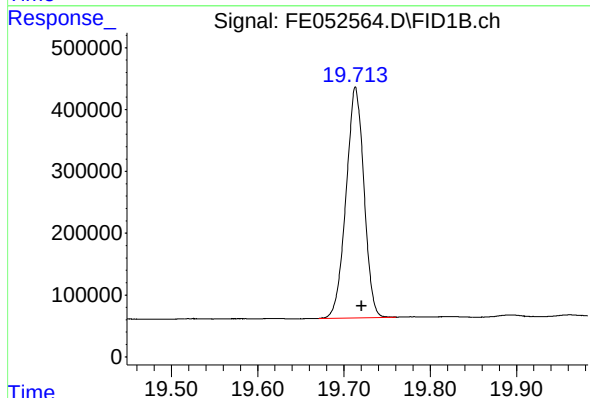
R.T.: 18.094 min  
Delta R.T.: -0.003 min  
Response: 5408531  
Conc: 34.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SP-SOILMS



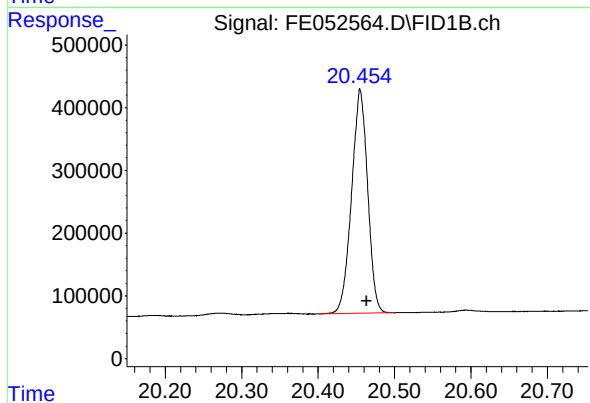
#18 n-Dotriacontane (C32)

R.T.: 18.928 min  
Delta R.T.: -0.006 min  
Response: 5292046  
Conc: 34.58 ug/ml



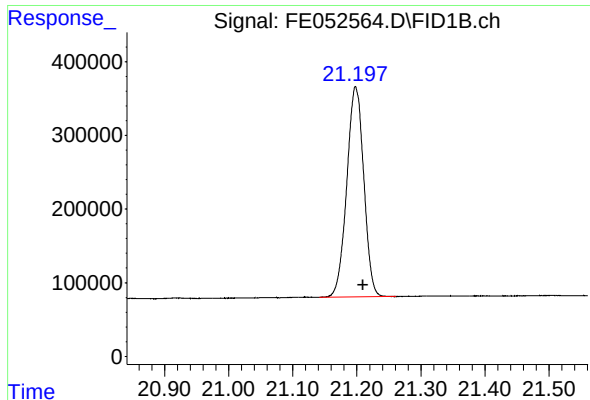
#19 n-Tetatriacontane (C34)

R.T.: 19.714 min  
Delta R.T.: -0.007 min  
Response: 5378894  
Conc: 37.81 ug/ml



#20 n-Hexatriacontane (C36)

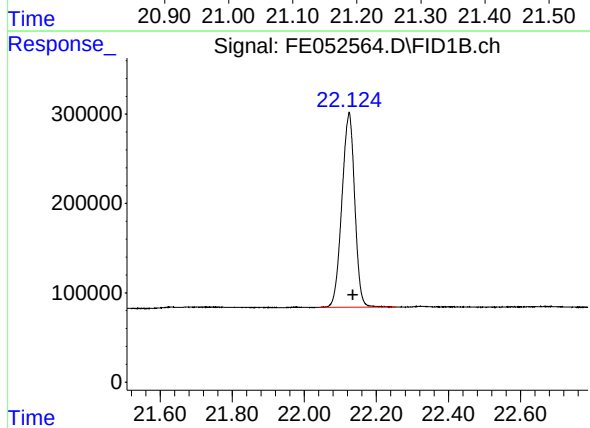
R.T.: 20.455 min  
Delta R.T.: -0.008 min  
Response: 5215350  
Conc: 41.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min  
Delta R.T.: -0.011 min  
Response: 5246690  
Conc: 48.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
SP-SOILMS



#22 n-Tetracontane (C40)

R.T.: 22.124 min  
Delta R.T.: -0.011 min  
Response: 5388130  
Conc: 53.57 ug/ml