

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042324AL\  
 Data File : FE047746.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Apr 2024 19:29  
 Operator : YP\AJ  
 Sample : P2228-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 EXCAVATION-SOILMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024  
 Supervised By :Ankita Jodhani 04/24/2024

Integration File: autoint1.e  
 Quant Time: Apr 24 01:17:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 02 05:28:28 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)    | 11.977 | 3744557    | 21.589 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.18%        |
| 12) S 1-chlorooctadecane (S... | 13.410 | 3206468    | 23.841 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.68%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.356  | 3912271    | 25.007 ug/ml  |
| 2) T n-Decane (C10)            | 4.610  | 4306700    | 26.797 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.316  | 4509785    | 26.598 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.775  | 4610734    | 28.407 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.413  | 4618072    | 28.121 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.605  | 4815915    | 29.936 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.212 | 5078527    | 30.579 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.656 | 5413311    | 32.280 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.966 | 5587152    | 34.488 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.578 | 5440627    | 34.288 ug/ml  |
| 13) T n-Docosane (C22)         | 14.164 | 5454322    | 33.987 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.259 | 9391866    | 56.898 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.288 | 5314165    | 32.149 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.235 | 5381455    | 32.474 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.123 | 5392024    | 31.760 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.953 | 5499732    | 32.982 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.737 | 5578497    | 34.782 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.479 | 5629145    | 35.293 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.220 | 5735624    | 35.291 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.151 | 5772388    | 35.257 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 23 Apr 2024 19:29  
Operator : YP\AJ  
Sample : P2228-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

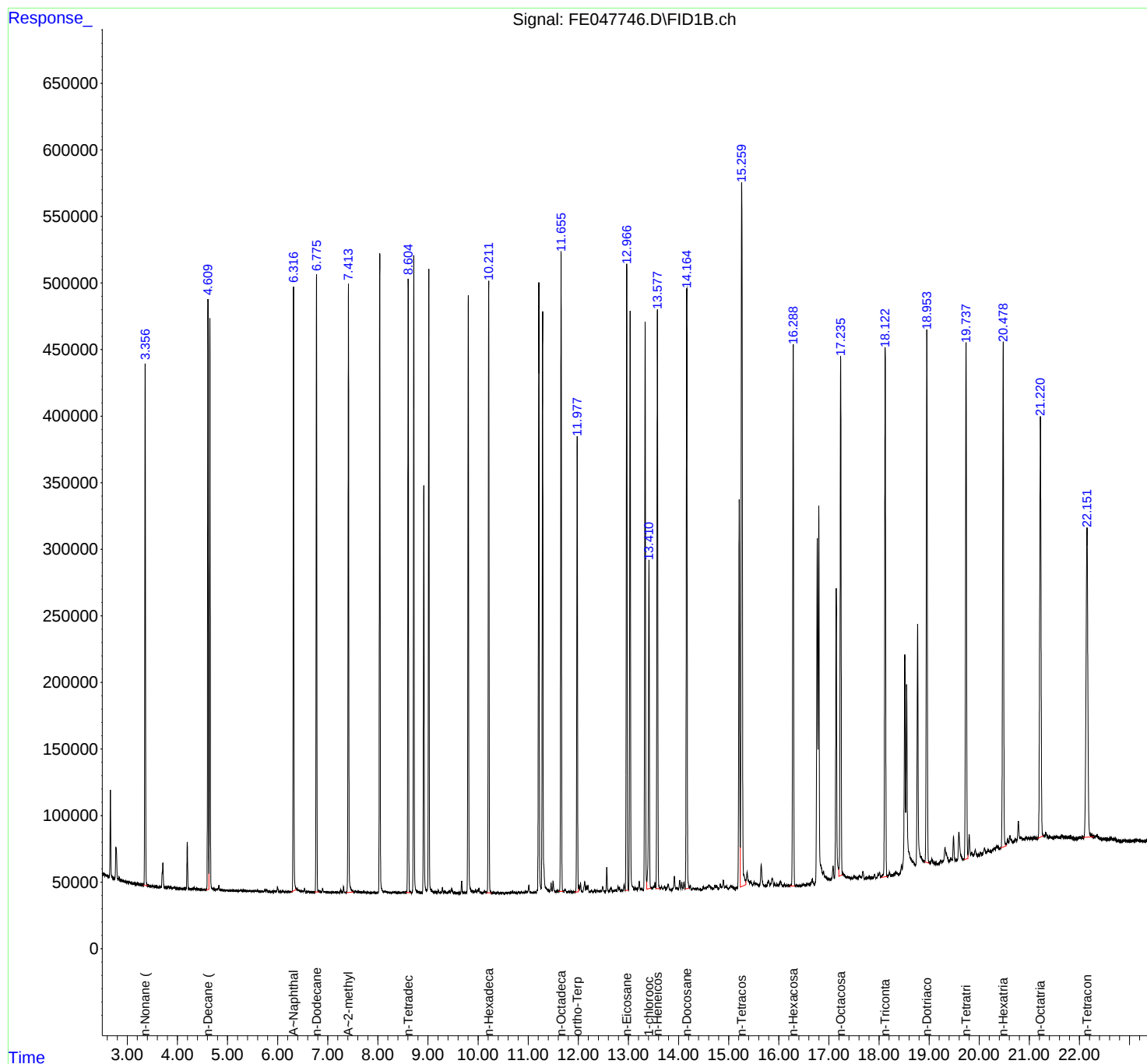
Instrument :  
FID\_E  
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EXCAVATION-SOILMS

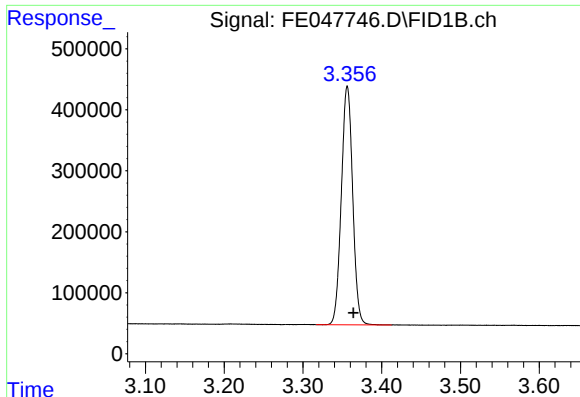
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Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.356 min  
Delta R.T.: -0.008 min  
Response: 3912271  
Conc: 25.01 ug/ml

Instrument :

FID\_E

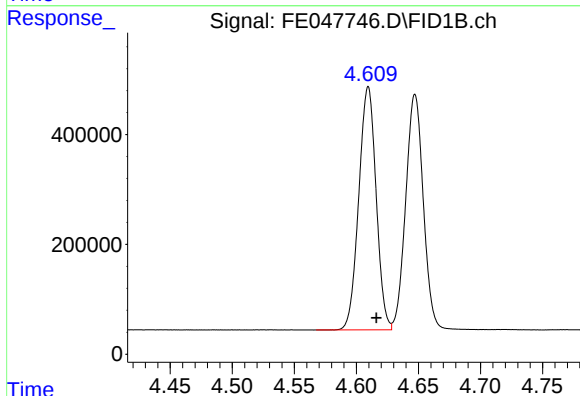
ClientSampleId :

EXCAVATION-SOILMS

Manual Integrations

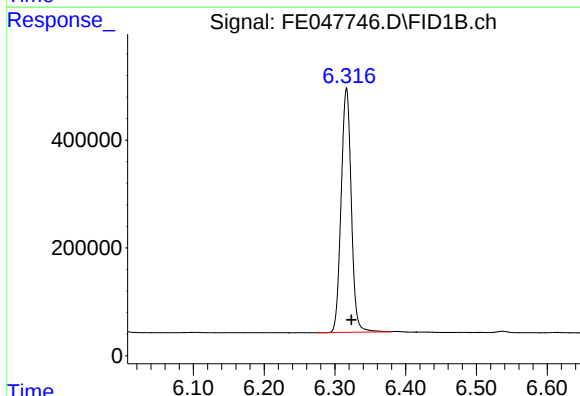
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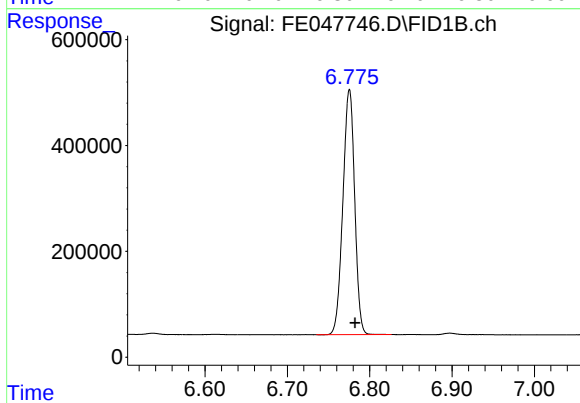
#2 n-Decane (C10)

R.T.: 4.610 min  
Delta R.T.: -0.007 min  
Response: 4306700  
Conc: 26.80 ug/ml



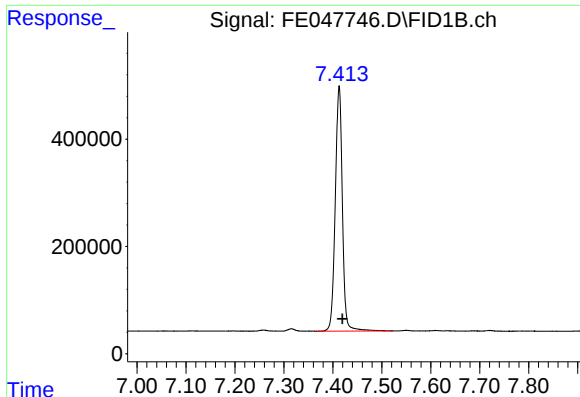
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min  
Delta R.T.: -0.007 min  
Response: 4509785  
Conc: 26.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min  
Delta R.T.: -0.007 min  
Response: 4610734  
Conc: 28.41 ug/ml



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

R.T.: 7.413 min  
Delta R.T.: -0.007 min  
Response: 4618072  
Conc: 28.12 ug/ml

Instrument :

FID\_E

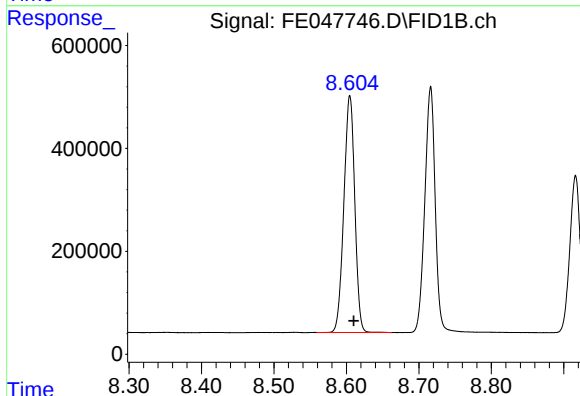
ClientSampleId :

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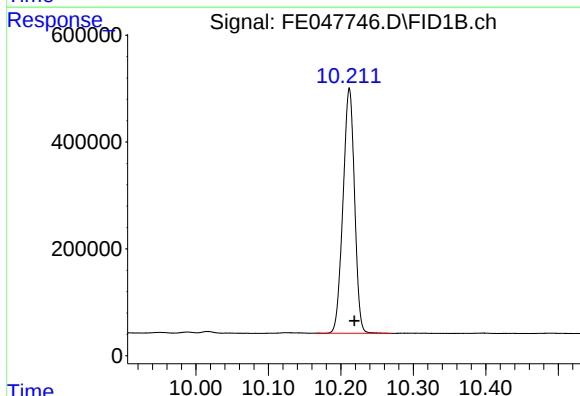
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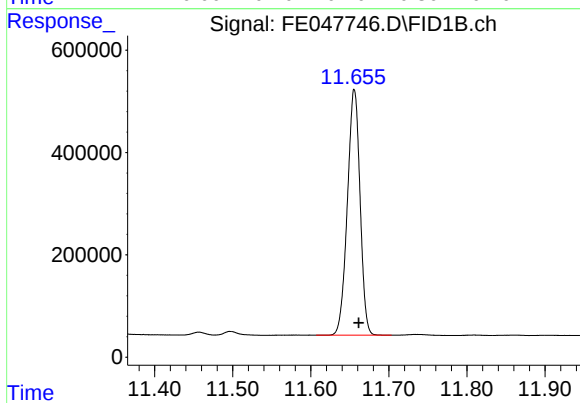
#6 n-Tetradecane (C14)

R.T.: 8.605 min  
Delta R.T.: -0.005 min  
Response: 4815915  
Conc: 29.94 ug/ml



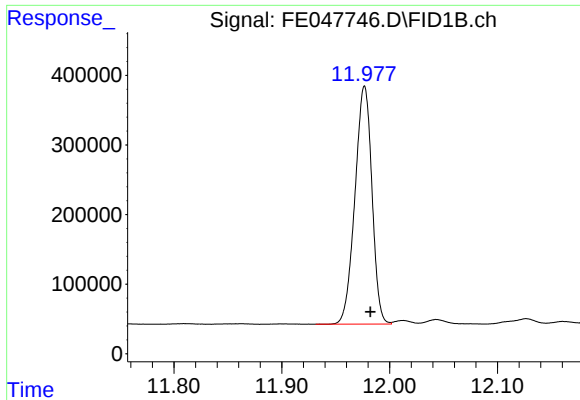
#7 n-Hexadecane (C16)

R.T.: 10.212 min  
Delta R.T.: -0.007 min  
Response: 5078527  
Conc: 30.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min  
Delta R.T.: -0.006 min  
Response: 5413311  
Conc: 32.28 ug/ml



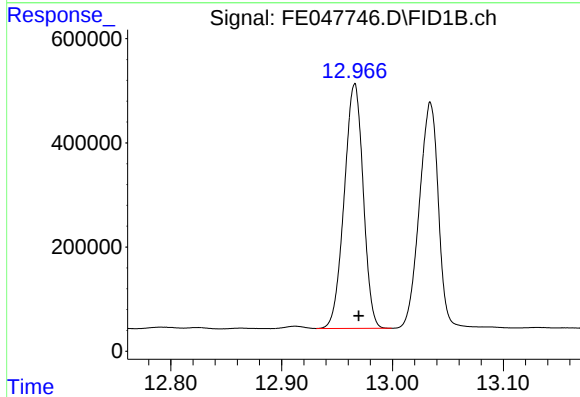
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min  
Delta R.T.: -0.005 min  
Response: 3744557  
Conc: 21.59 ug/ml

Instrument :  
FID\_E  
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EXCAVATION-SOILMS

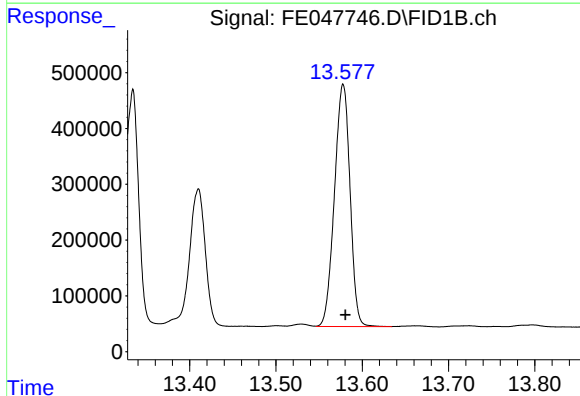
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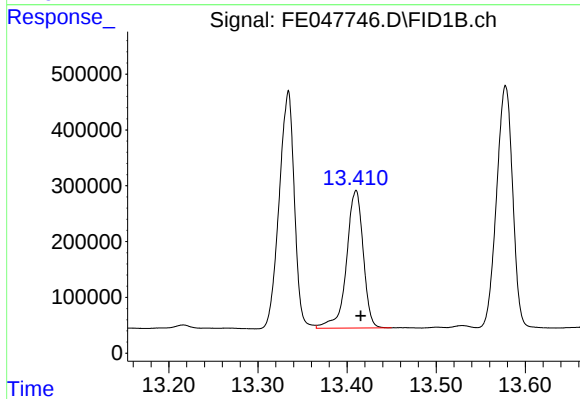
#10 n-Eicosane (C20)

R.T.: 12.966 min  
Delta R.T.: -0.004 min  
Response: 5587152  
Conc: 34.49 ug/ml



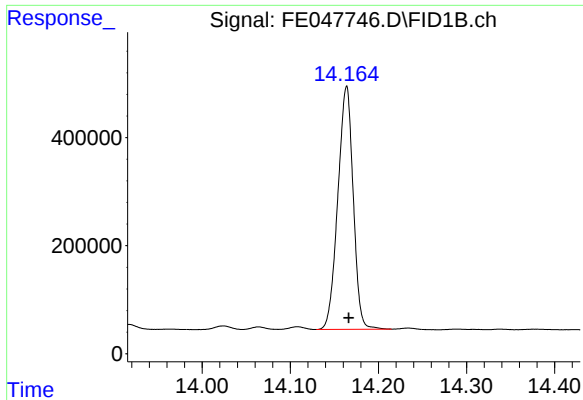
#11 n-Heneicosane (C21)

R.T.: 13.578 min  
Delta R.T.: -0.003 min  
Response: 5440627  
Conc: 34.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min  
Delta R.T.: -0.005 min  
Response: 3206468  
Conc: 23.84 ug/ml



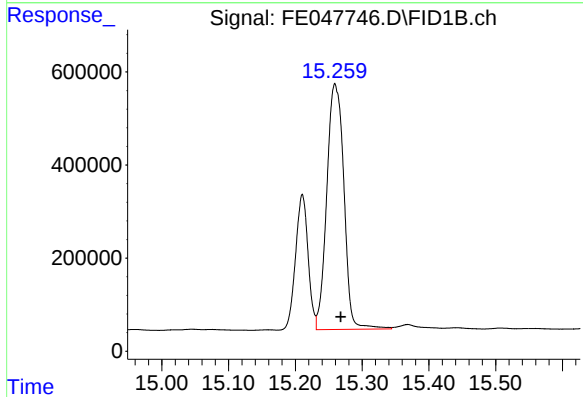
#13 n-Docosane (C22)

R.T.: 14.164 min  
Delta R.T.: -0.002 min  
Response: 5454322  
Conc: 33.99 ug/ml

Instrument :  
FID\_E  
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EXCAVATION-SOILMS

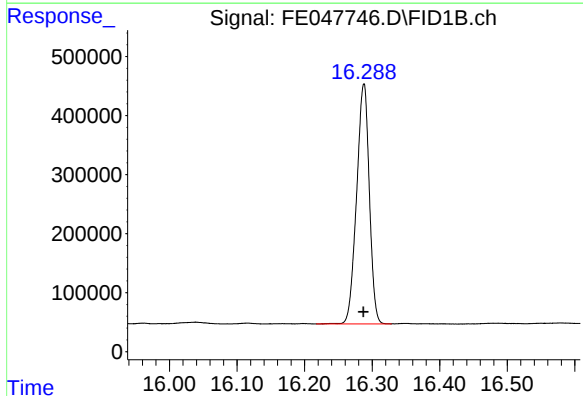
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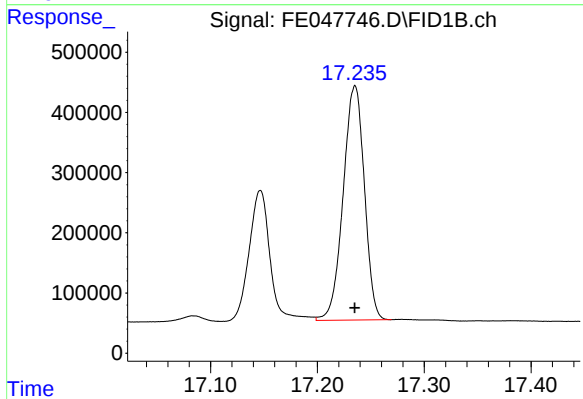
#14 n-Tetracosane (C24)

R.T.: 15.259 min  
Delta R.T.: -0.008 min  
Response: 9391866  
Conc: 56.90 ug/ml



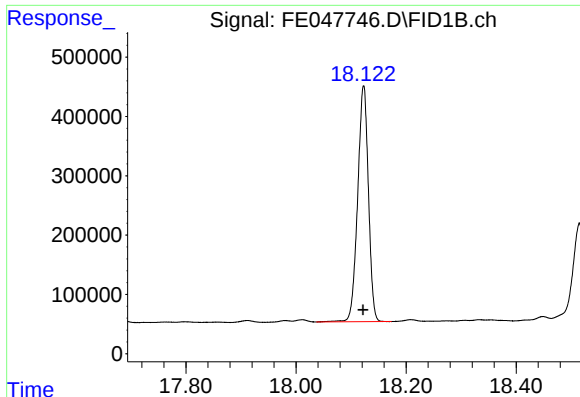
#15 n-Hexacosane (C26)

R.T.: 16.288 min  
Delta R.T.: 0.000 min  
Response: 5314165  
Conc: 32.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min  
Delta R.T.: 0.000 min  
Response: 5381455  
Conc: 32.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.123 min  
Delta R.T.: 0.000 min  
Response: 5392024  
Conc: 31.76 ug/ml

Instrument :

FID\_E

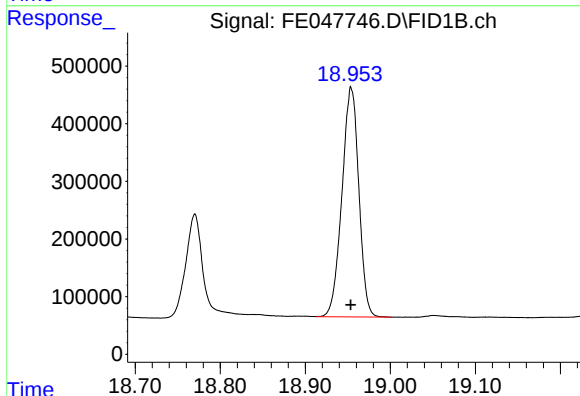
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EXCAVATION-SOILMS

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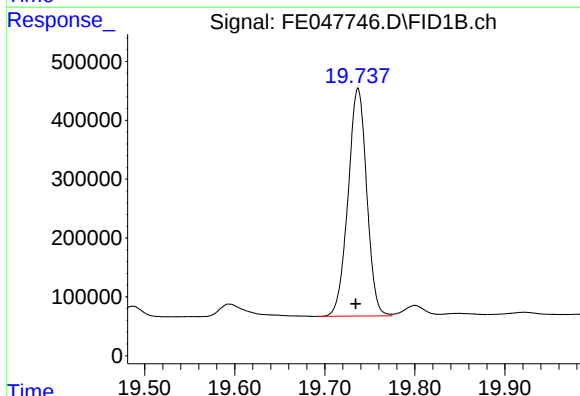
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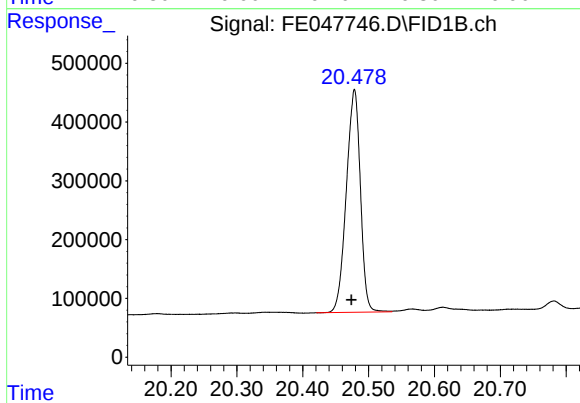
#18 n-Dotriacontane (C32)

R.T.: 18.953 min  
Delta R.T.: 0.000 min  
Response: 5499732  
Conc: 32.98 ug/ml m



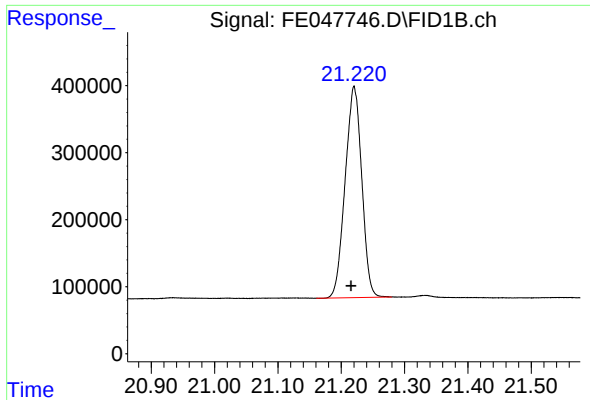
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min  
Delta R.T.: 0.003 min  
Response: 5578497  
Conc: 34.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min  
Delta R.T.: 0.005 min  
Response: 5629145  
Conc: 35.29 ug/ml



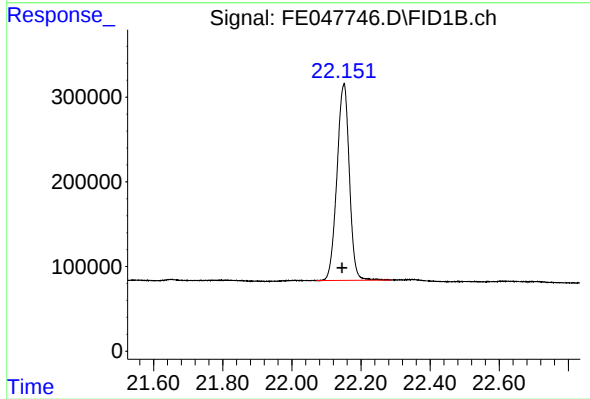
#21 n-Octatriacontane (C38)

R.T.: 21.220 min  
Delta R.T.: 0.005 min  
Response: 5735624  
Conc: 35.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min  
Delta R.T.: 0.005 min  
Response: 5772388  
Conc: 35.26 ug/ml