

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052565.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 16:16
 Operator : YP\AJ
 Sample : Q1458-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-SOILMSD

Integration File: autoint1.e
 Quant Time: Feb 28 22:10:01 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)	11.914	4820855	25.789 ug/ml
Spiked Amount 50.000		Recovery =	51.58%
12) S 1-chlorooctadecane (S...	13.358	3760261	27.053 ug/ml
Spiked Amount 50.000		Recovery =	54.11%
Target Compounds			
1) T n-Nonane (C9)	3.254	4097871	26.696 ug/ml
2) T n-Decane (C10)	4.517	4552519	29.148 ug/ml
3) T A~Naphthalene (C11.7)	6.229	5466866	31.643 ug/ml
4) T n-Dodecane (C12)	6.697	5072321	32.135 ug/ml
5) T A~2-methylnaphthalene...	7.331	5239238	31.195 ug/ml
6) T n-Tetradecane (C14)	8.535	5439370	34.533 ug/ml
7) T n-Hexadecane (C16)	10.149	5596099	34.240 ug/ml
8) T n-Octadecane (C18)	11.598	5630070	34.027 ug/ml
10) T n-Eicosane (C20)	12.913	5696579	35.733 ug/ml
11) T n-Heneicosane (C21)	13.527	5458469	34.840 ug/ml
13) T n-Docosane (C22)	14.116	5431207	34.705 ug/ml
14) T n-Tetracosane (C24)	15.206	11132353	70.785 ug/ml
15) T n-Hexacosane (C26)	16.247	5299935	34.218 ug/ml
16) T n-Octacosane (C28)	17.198	5342388	34.926 ug/ml
17) T n-Tricontane (C30)	18.089	5332098	34.159 ug/ml
18) T n-Dotriacontane (C32)	18.923	5234138	34.206 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5294592	37.217 ug/ml
20) T n-Hexatriacontane (C36)	20.450	5152483	41.340 ug/ml
21) T n-Octatriacontane (C38)	21.193	5185094	47.438 ug/ml
22) T n-Tetracontane (C40)	22.117	5335633	53.044 ug/ml

(f)=RT Delta > 1/2 Window

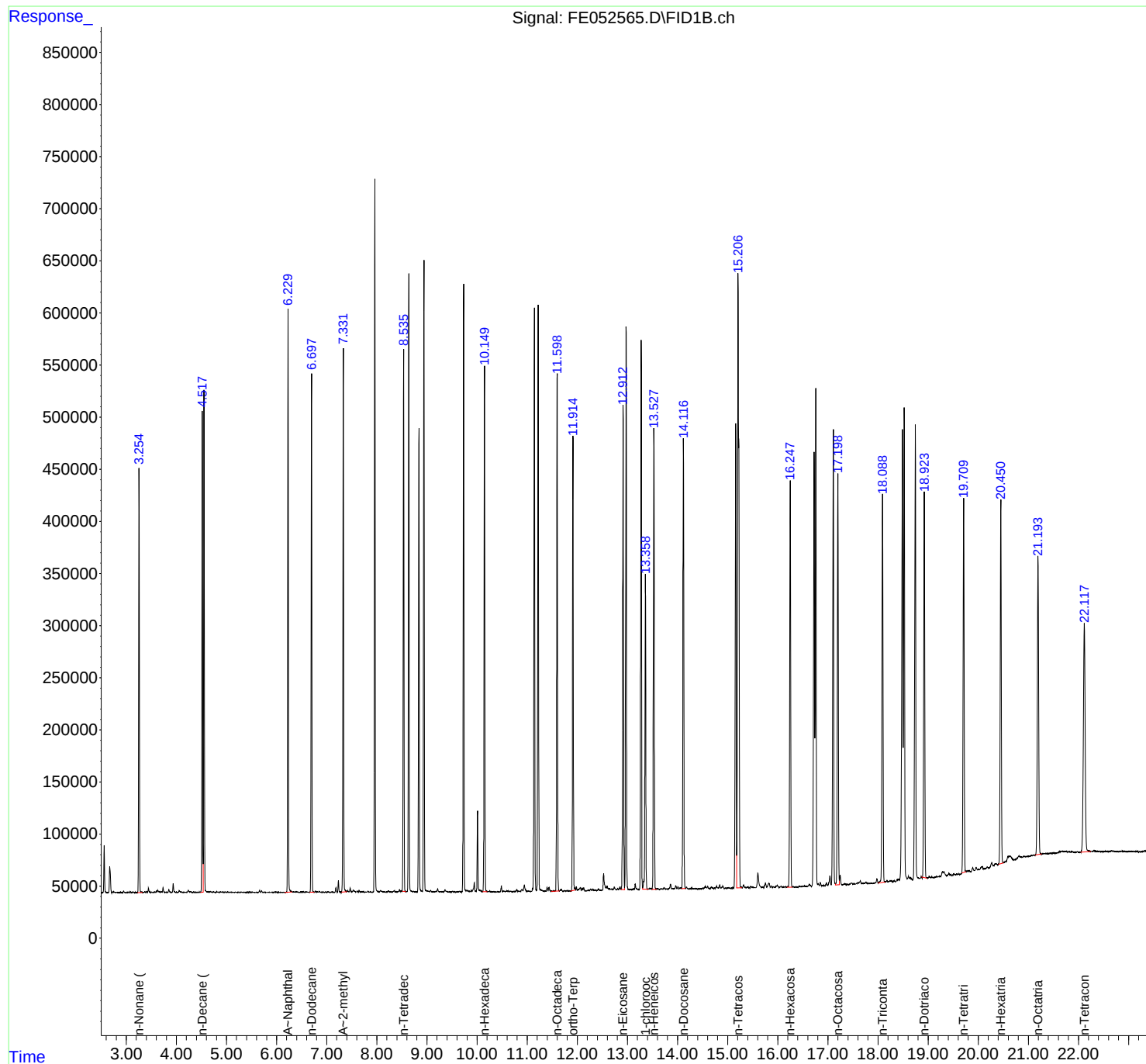
(m)=manual int.

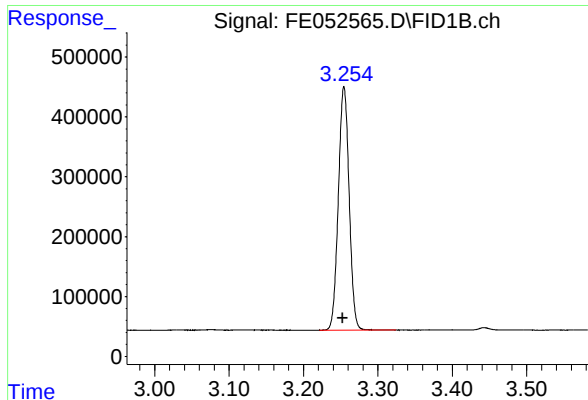
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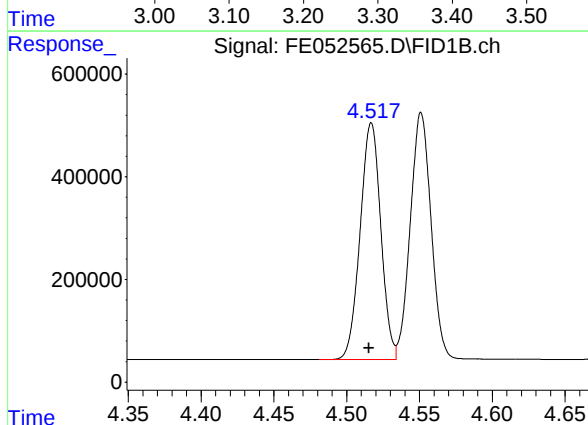




#1 n-Nonane (C9)

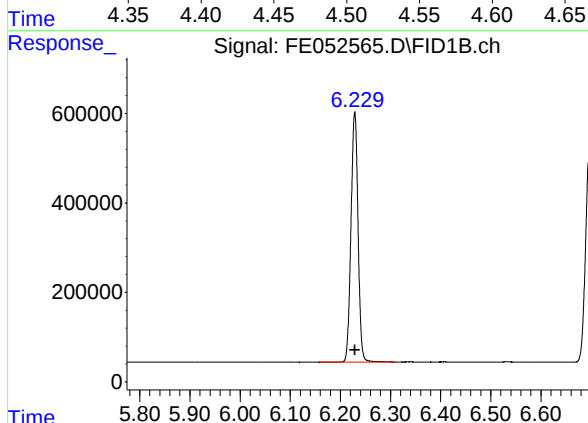
R.T.: 3.254 min
Delta R.T.: 0.001 min
Response: 4097871
Conc: 26.70 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-SOILMSD



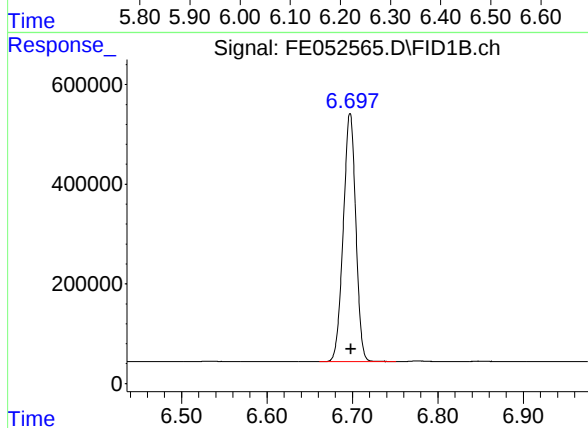
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 4552519
Conc: 29.15 ug/ml



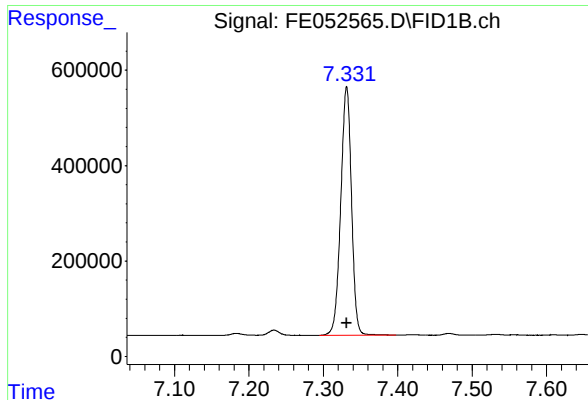
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 5466866
Conc: 31.64 ug/ml



#4 n-Dodecane (C12)

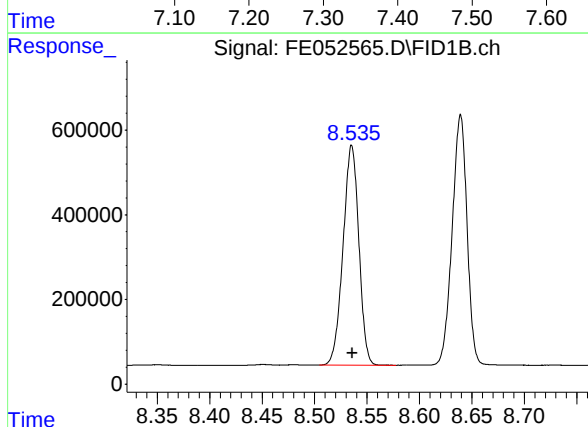
R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 5072321
Conc: 32.14 ug/ml



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

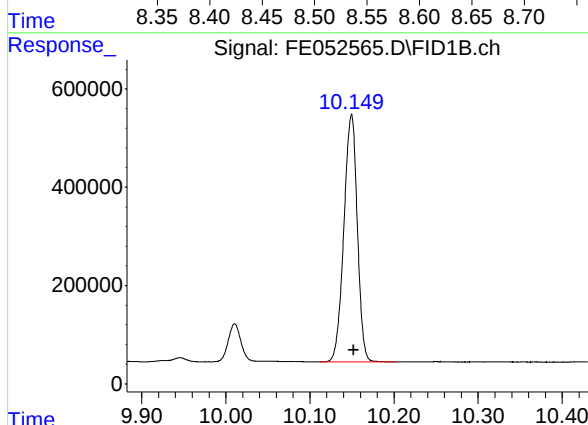
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 5239238
Conc: 31.20 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-SOILMSD



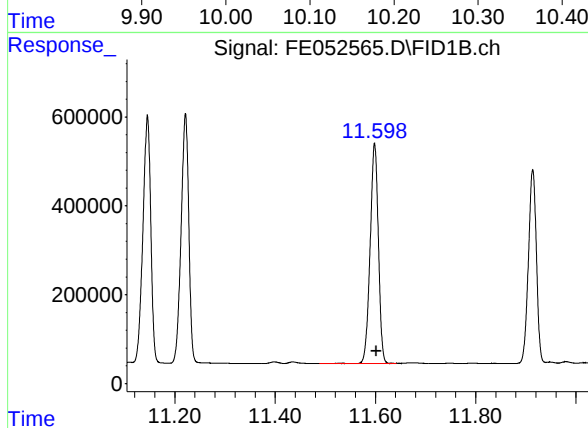
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 5439370
Conc: 34.53 ug/ml



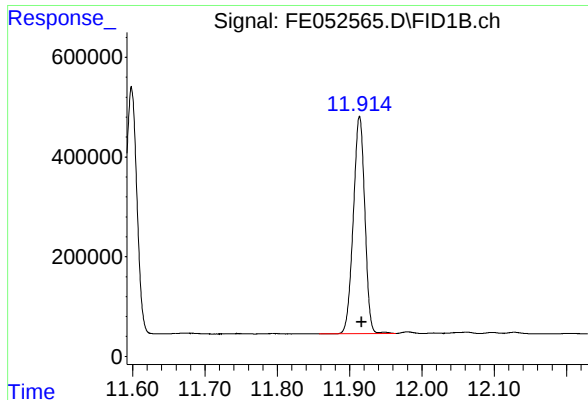
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.003 min
Response: 5596099
Conc: 34.24 ug/ml



#8 n-Octadecane (C18)

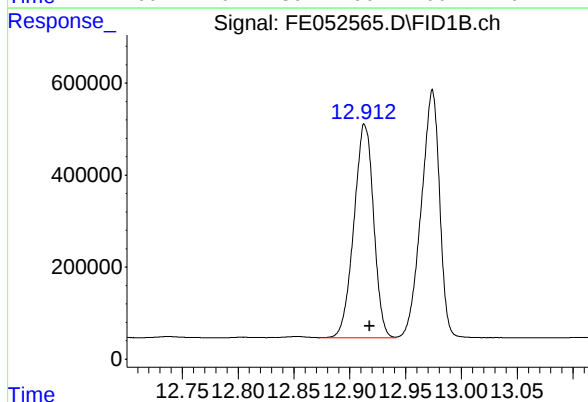
R.T.: 11.598 min
Delta R.T.: -0.004 min
Response: 5630070
Conc: 34.03 ug/ml



#9 ortho-Terphenyl (SURR)

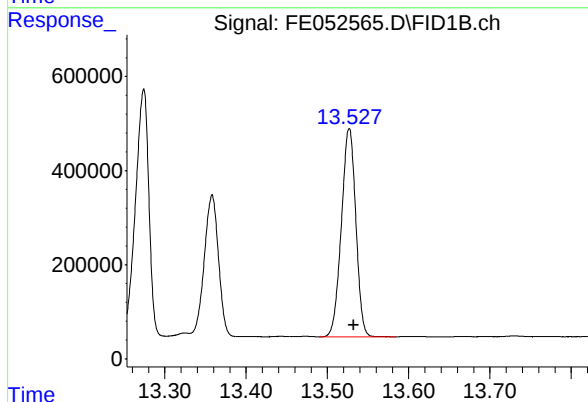
R.T.: 11.914 min
Delta R.T.: -0.003 min
Response: 4820855
Conc: 25.79 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-SOILMSD



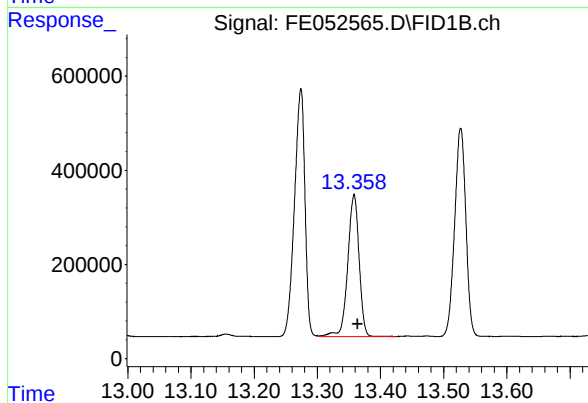
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.004 min
Response: 5696579
Conc: 35.73 ug/ml



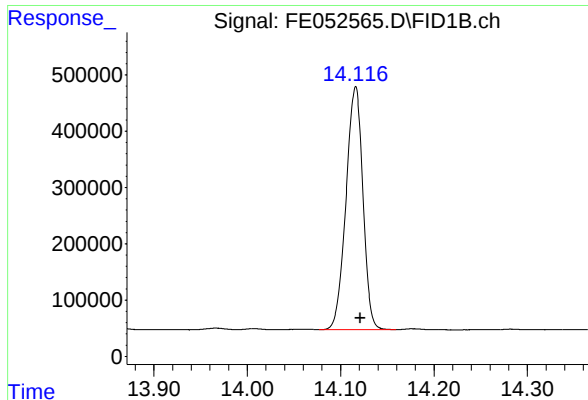
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.005 min
Response: 5458469
Conc: 34.84 ug/ml



#12 1-chlorooctadecane (SURR)

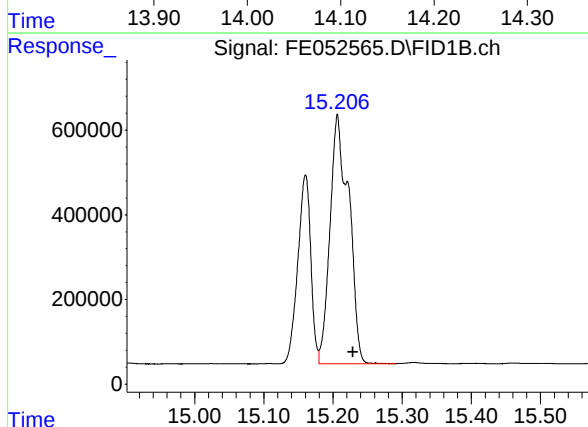
R.T.: 13.358 min
Delta R.T.: -0.006 min
Response: 3760261
Conc: 27.05 ug/ml



#13 n-Docosane (C22)

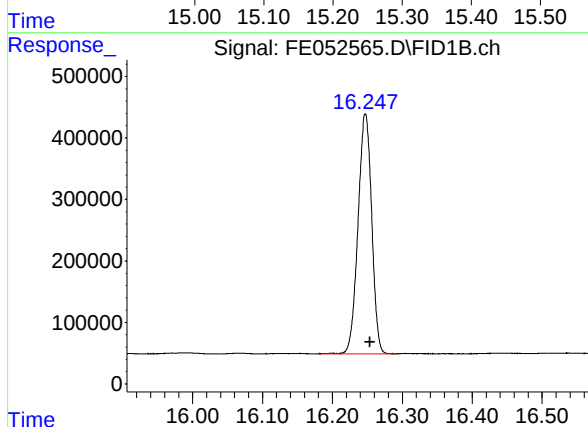
R.T.: 14.116 min
Delta R.T.: -0.005 min
Response: 5431207
Conc: 34.70 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-SOILMSD



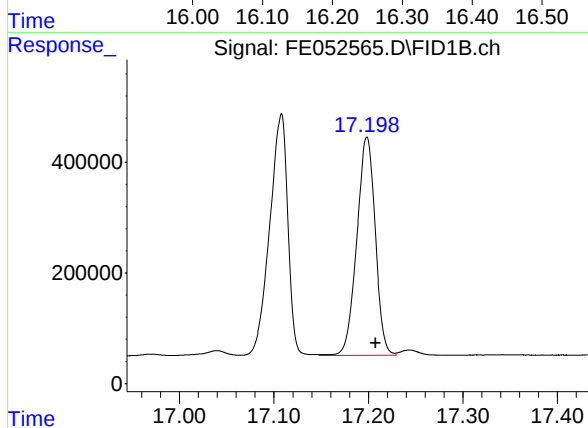
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.023 min
Response: 11132353
Conc: 70.79 ug/ml



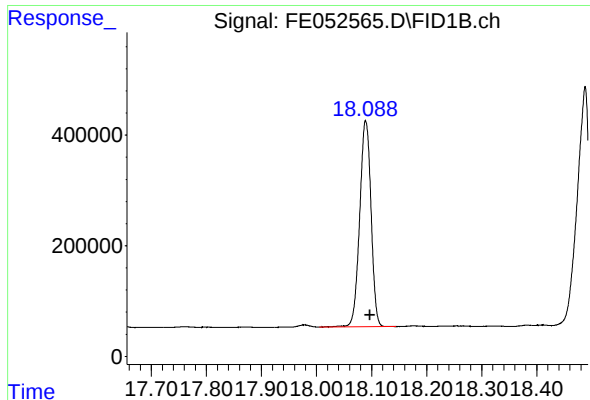
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.006 min
Response: 5299935
Conc: 34.22 ug/ml



#16 n-Octacosane (C28)

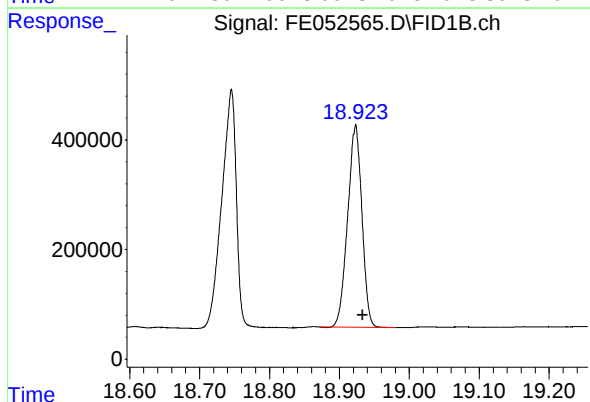
R.T.: 17.198 min
Delta R.T.: -0.009 min
Response: 5342388
Conc: 34.93 ug/ml



#17 n-Tricontane (C30)

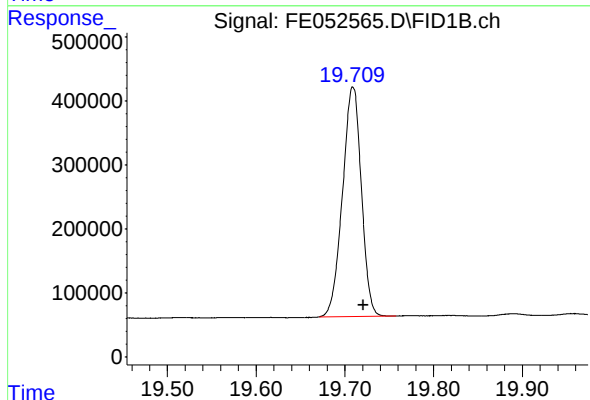
R.T.: 18.089 min
Delta R.T.: -0.008 min
Response: 5332098
Conc: 34.16 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-SOILMSD



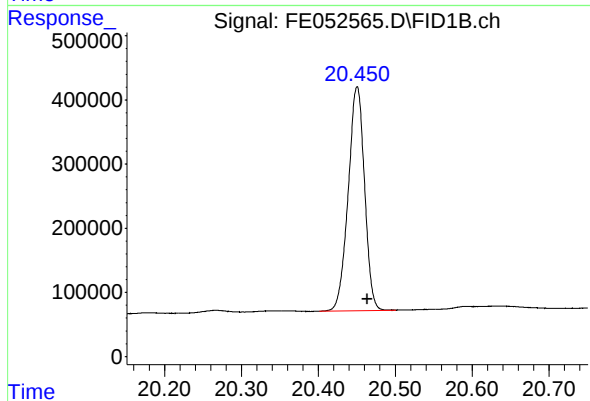
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.010 min
Response: 5234138
Conc: 34.21 ug/ml



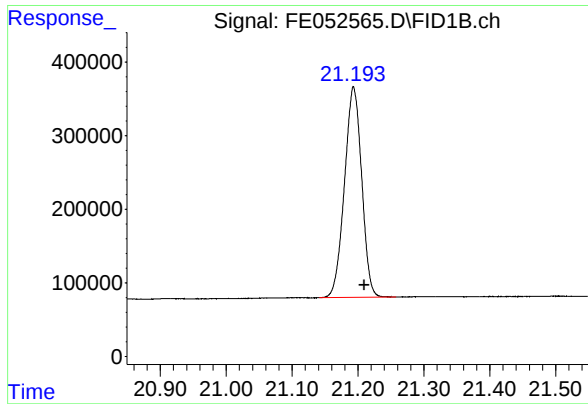
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.012 min
Response: 5294592
Conc: 37.22 ug/ml



#20 n-Hexatriacontane (C36)

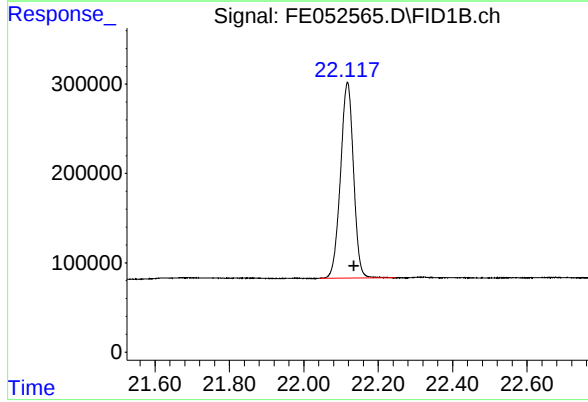
R.T.: 20.450 min
Delta R.T.: -0.013 min
Response: 5152483
Conc: 41.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.016 min
Response: 5185094
Conc: 47.44 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-SOILMSD



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.018 min
Response: 5335633
Conc: 53.04 ug/ml