

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030625AL\
 Data File : FE052663.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 16:49
 Operator : YP\AJ
 Sample : Q1494-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOILMS

Integration File: autoint1.e
 Quant Time: Mar 07 02:08:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.915	5214468	30.931 ug/ml
Spiked Amount 50.000		Recovery =	61.86%
12) S 1-chlorooctadecane (S...	13.359	3966850	32.669 ug/ml
Spiked Amount 50.000		Recovery =	65.34%
Target Compounds			
1) T n-Nonane (C9)	3.254	4253495	27.433 ug/ml
2) T n-Decane (C10)	4.516	4728050	30.097 ug/ml
3) T A~Naphthalene (C11.7)	6.228	5454973	32.165 ug/ml
4) T n-Dodecane (C12)	6.696	5171686	33.216 ug/ml
5) T A~2-methylnaphthalene...	7.331	5207682	32.135 ug/ml
6) T n-Tetradecane (C14)	8.535	5491657	36.294 ug/ml
7) T n-Hexadecane (C16)	10.149	5674787	37.117 ug/ml
8) T n-Octadecane (C18)	11.599	5729722	37.661 ug/ml
10) T n-Eicosane (C20)	12.914	5798870	39.944 ug/ml
11) T n-Heneicosane (C21)	13.528	5537282	38.905 ug/ml
13) T n-Docosane (C22)	14.117	5523373	38.812 ug/ml
14) T n-Tetracosane (C24)	15.211	11200229	78.264 ug/ml
15) T n-Hexacosane (C26)	16.249	5385705	37.876 ug/ml
16) T n-Octacosane (C28)	17.201	5456841	38.376 ug/ml
17) T n-Tricontane (C30)	18.092	5483145	37.123 ug/ml
18) T n-Dotriacontane (C32)	18.925	5522645	38.040 ug/ml
19) T n-Tetratriacontane (C34)	19.711	5547186	41.158 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5439083	45.775 ug/ml
21) T n-Octatriacontane (C38)	21.195	5512319	49.689 ug/ml
22) T n-Tetracontane (C40)	22.119	5614871	51.934 ug/ml

(f)=RT Delta > 1/2 Window

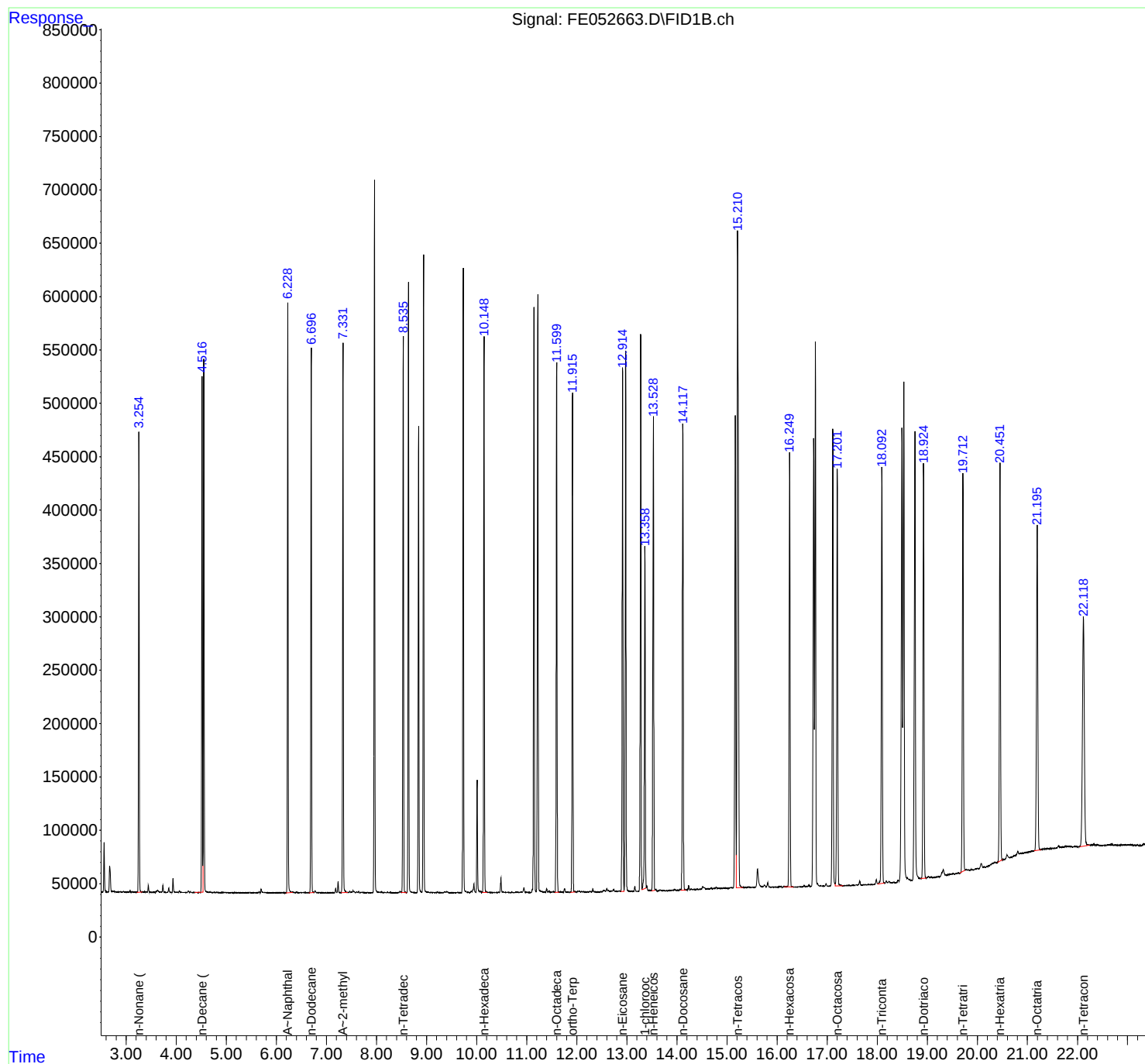
(m)=manual int.

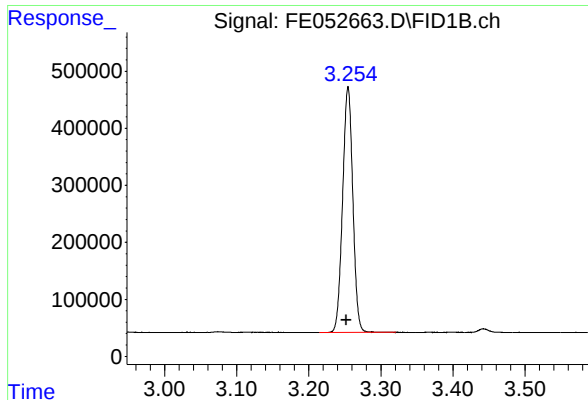
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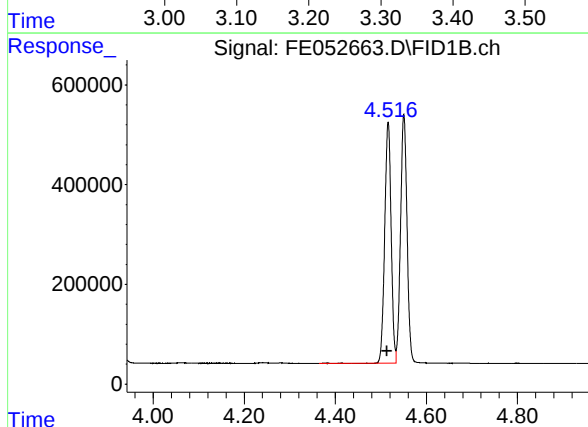




#1 n-Nonane (C9)

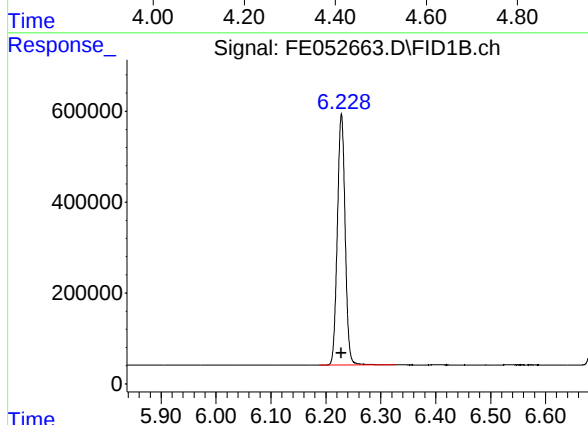
R.T.: 3.254 min
Delta R.T.: 0.002 min
Response: 4253495
Conc: 27.43 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



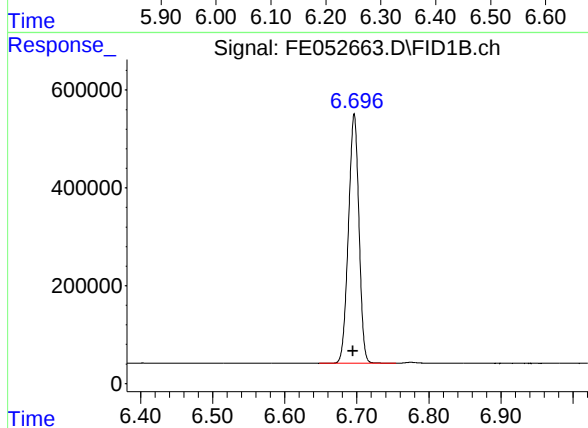
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 4728050
Conc: 30.10 ug/ml



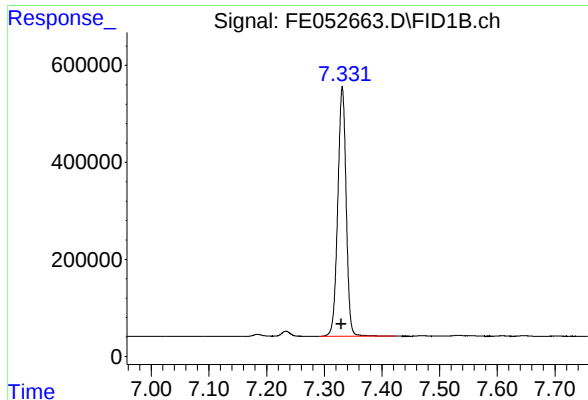
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 5454973
Conc: 32.17 ug/ml



#4 n-Dodecane (C12)

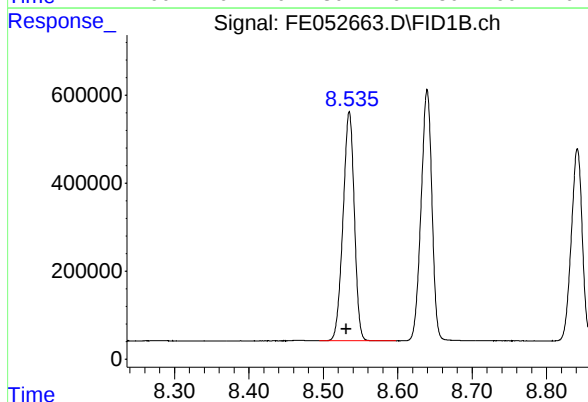
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 5171686
Conc: 33.22 ug/ml



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

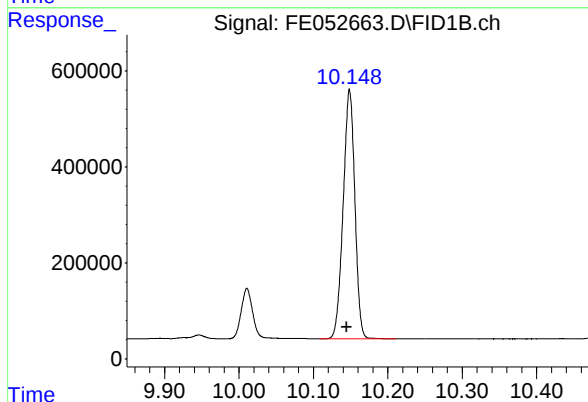
R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 5207682
Conc: 32.13 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



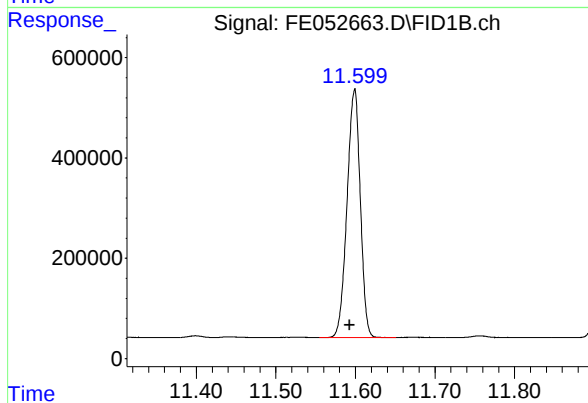
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.004 min
Response: 5491657
Conc: 36.29 ug/ml



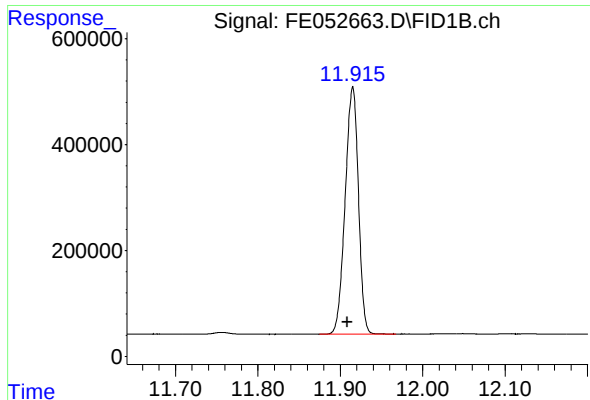
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.004 min
Response: 5674787
Conc: 37.12 ug/ml



#8 n-Octadecane (C18)

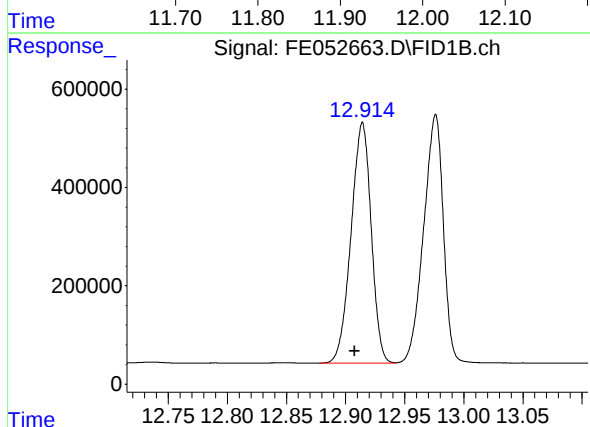
R.T.: 11.599 min
Delta R.T.: 0.005 min
Response: 5729722
Conc: 37.66 ug/ml



#9 ortho-Terphenyl (SURR)

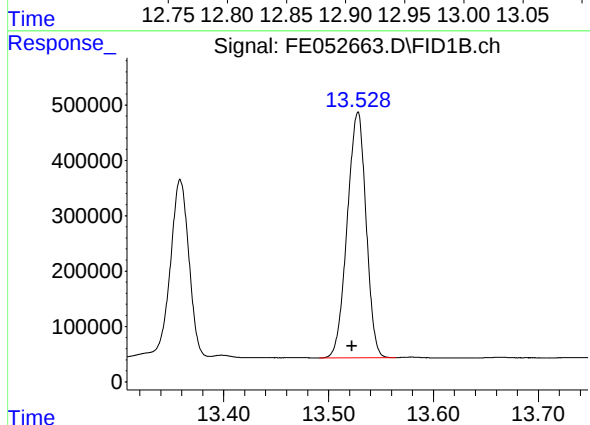
R.T.: 11.915 min
Delta R.T.: 0.006 min
Response: 5214468
Conc: 30.93 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



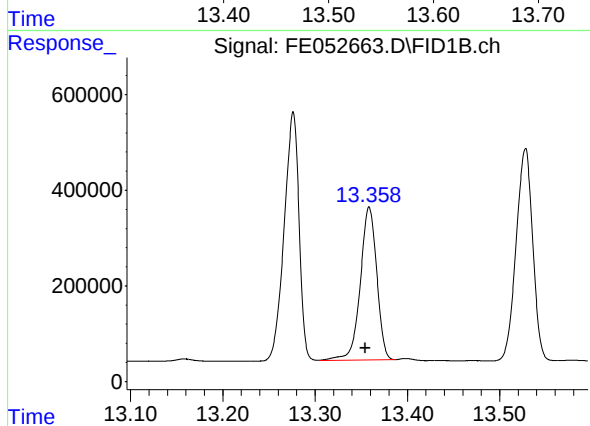
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.007 min
Response: 5798870
Conc: 39.94 ug/ml



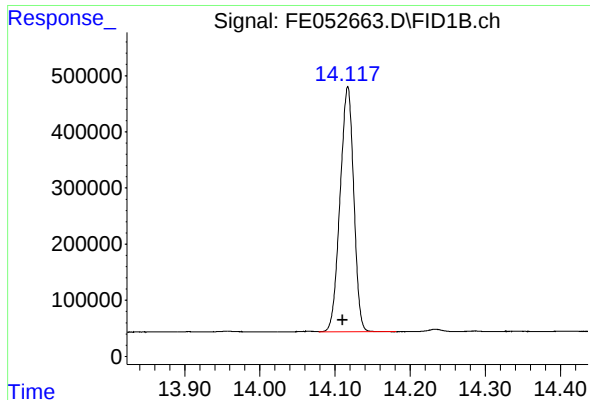
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.005 min
Response: 5537282
Conc: 38.90 ug/ml



#12 1-chlorooctadecane (SURR)

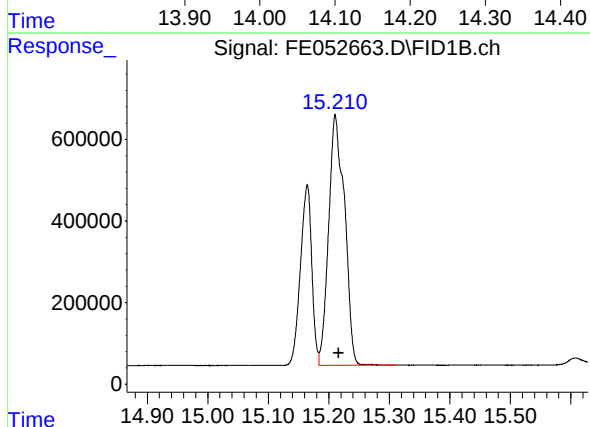
R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 3966850
Conc: 32.67 ug/ml



#13 n-Docosane (C22)

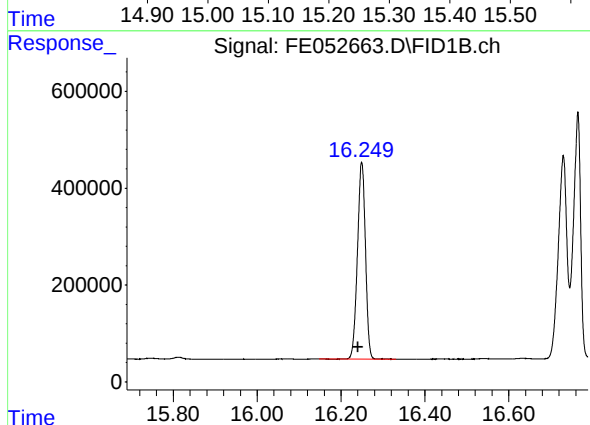
R.T.: 14.117 min
Delta R.T.: 0.007 min
Response: 5523373
Conc: 38.81 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



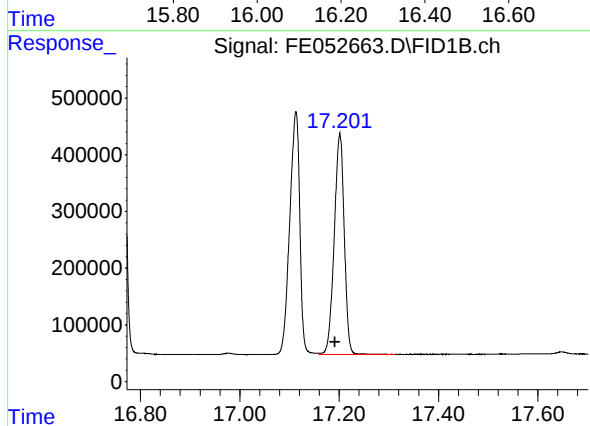
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.005 min
Response: 11200229
Conc: 78.26 ug/ml



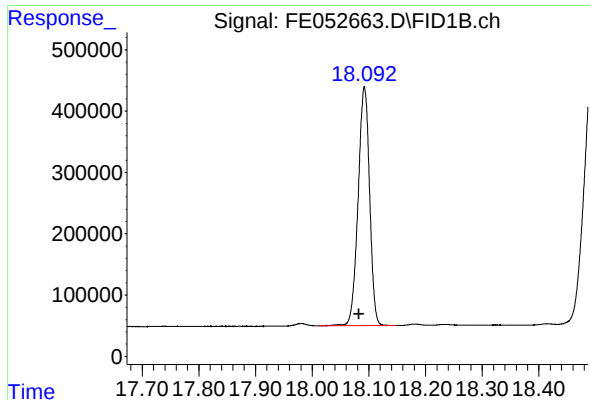
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.009 min
Response: 5385705
Conc: 37.88 ug/ml



#16 n-Octacosane (C28)

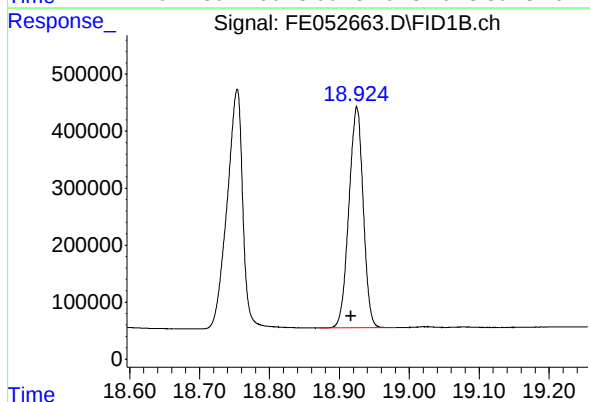
R.T.: 17.201 min
Delta R.T.: 0.009 min
Response: 5456841
Conc: 38.38 ug/ml



#17 n-Tricontane (C30)

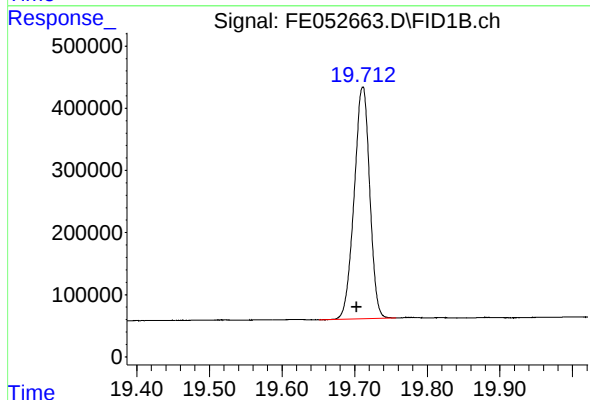
R.T.: 18.092 min
Delta R.T.: 0.009 min
Response: 5483145
Conc: 37.12 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



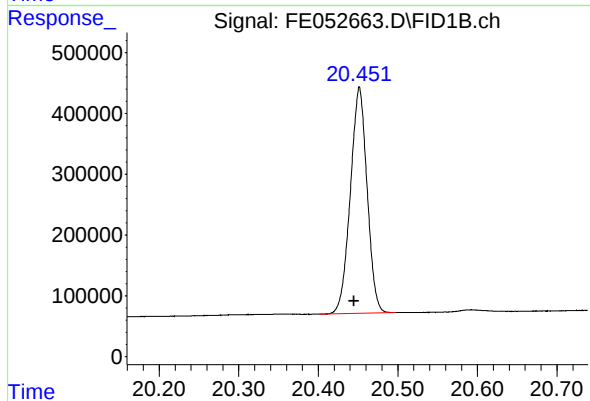
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.008 min
Response: 5522645
Conc: 38.04 ug/ml



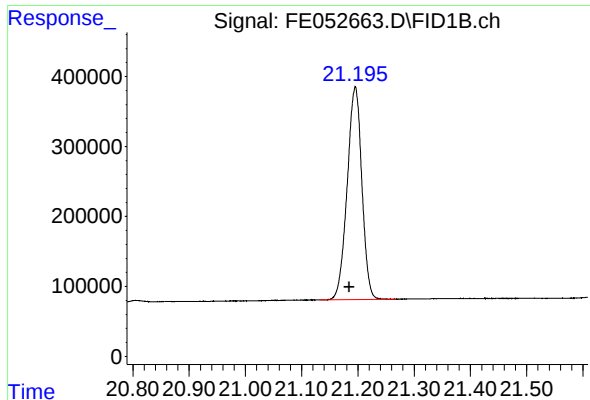
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.008 min
Response: 5547186
Conc: 41.16 ug/ml



#20 n-Hexatriacontane (C36)

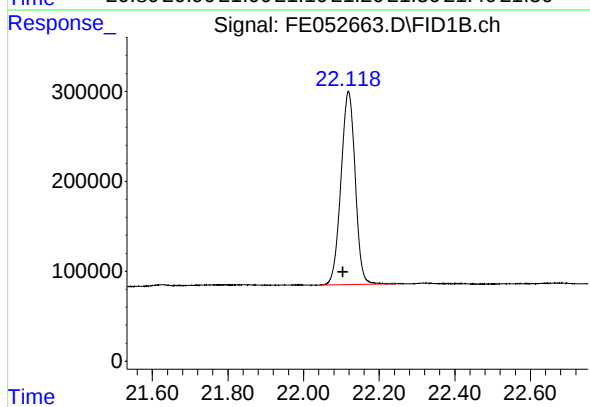
R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 5439083
Conc: 45.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.010 min
Response: 5512319
Conc: 49.69 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.014 min
Response: 5614871
Conc: 51.93 ug/ml