

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030625AL\
 Data File : FE052664.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 17:19
 Operator : YP\AJ
 Sample : Q1494-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOILMSD

Integration File: autoint1.e
 Quant Time: Mar 07 02:09:25 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)	11.917	5181043	30.732 ug/ml
Spiked Amount 50.000		Recovery =	61.46%
12) S 1-chlorooctadecane (S...	13.361	3945214	32.491 ug/ml
Spiked Amount 50.000		Recovery =	64.98%
Target Compounds			
1) T n-Nonane (C9)	3.255	4257706	27.460 ug/ml
2) T n-Decane (C10)	4.516	4731964	30.122 ug/ml
3) T A~Naphthalene (C11.7)	6.229	5446731	32.117 ug/ml
4) T n-Dodecane (C12)	6.697	5176828	33.249 ug/ml
5) T A~2-methylnaphthalene...	7.332	5203430	32.109 ug/ml
6) T n-Tetradecane (C14)	8.536	5490287	36.285 ug/ml
7) T n-Hexadecane (C16)	10.151	5666218	37.061 ug/ml
8) T n-Octadecane (C18)	11.601	5716194	37.572 ug/ml
10) T n-Eicosane (C20)	12.917	5783992	39.842 ug/ml
11) T n-Heneicosane (C21)	13.531	5523900	38.811 ug/ml
13) T n-Docosane (C22)	14.120	5511992	38.732 ug/ml
14) T n-Tetracosane (C24)	15.214	11201682	78.274 ug/ml
15) T n-Hexacosane (C26)	16.253	5386468	37.881 ug/ml
16) T n-Octacosane (C28)	17.204	5446893	38.306 ug/ml
17) T n-Tricontane (C30)	18.097	5475869	37.074 ug/ml
18) T n-Dotriacontane (C32)	18.930	5506819	37.931 ug/ml
19) T n-Tetratriacontane (C34)	19.716	5535916	41.074 ug/ml
20) T n-Hexatriacontane (C36)	20.457	5453909	45.899 ug/ml
21) T n-Octatriacontane (C38)	21.202	5523977	49.794 ug/ml
22) T n-Tetracontane (C40)	22.129	5649173	52.251 ug/ml

(f)=RT Delta > 1/2 Window

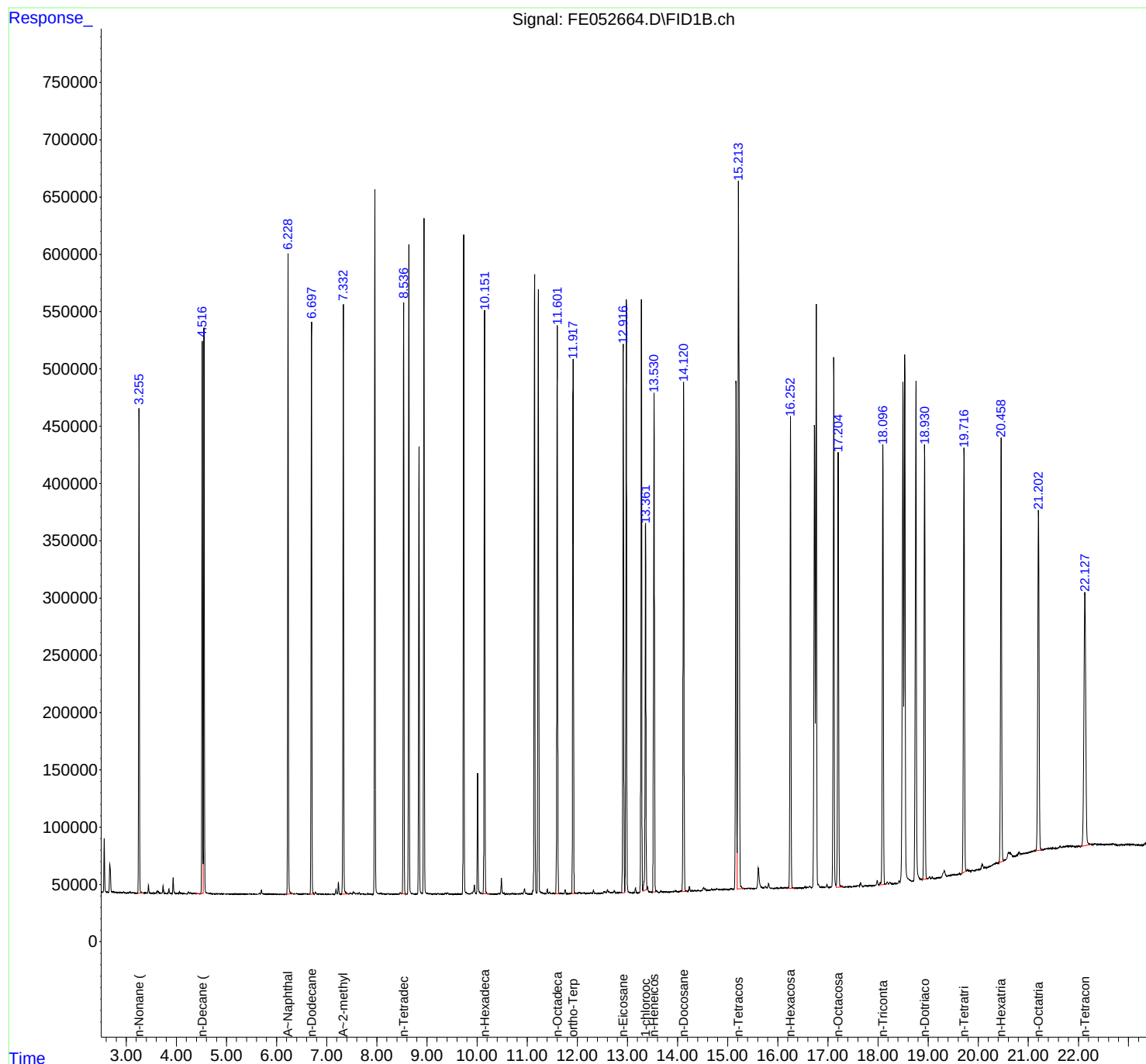
(m)=manual int.

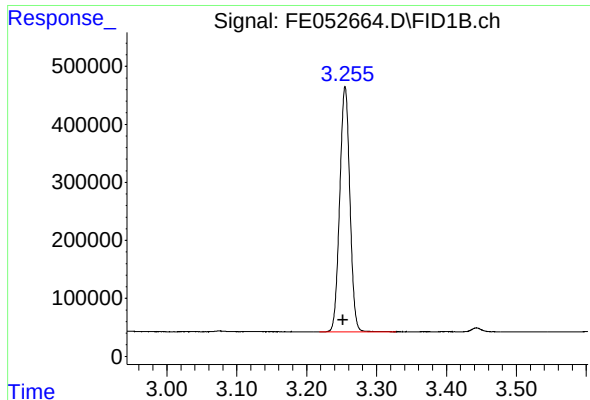
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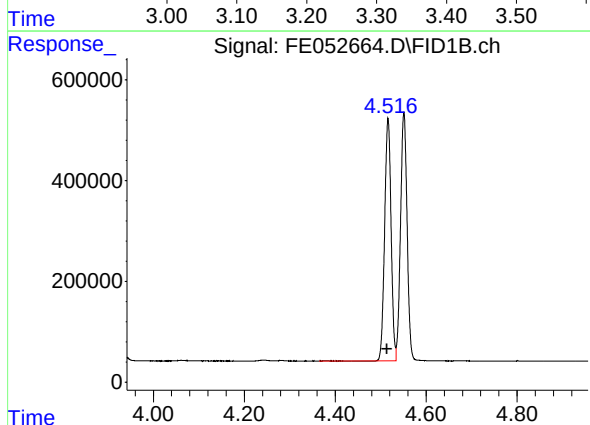




#1 n-Nonane (C9)

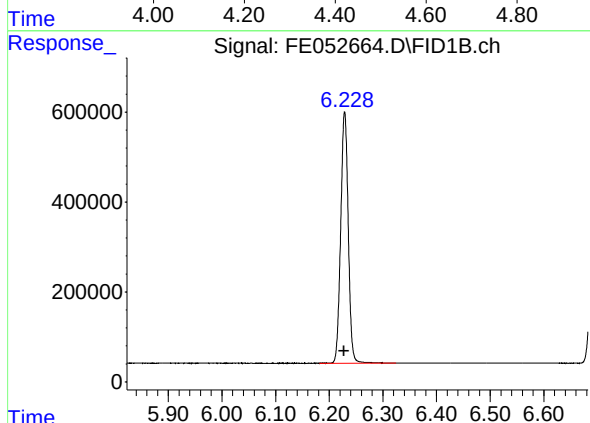
R.T.: 3.255 min
Delta R.T.: 0.003 min
Response: 4257706
Conc: 27.46 ug/ml

Instrument :
FID_E
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SOILMSD



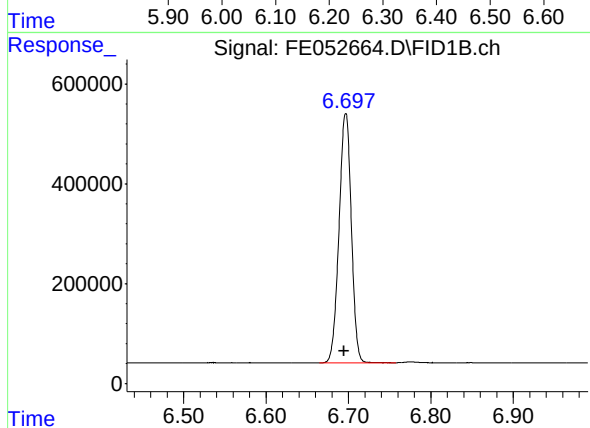
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 4731964
Conc: 30.12 ug/ml



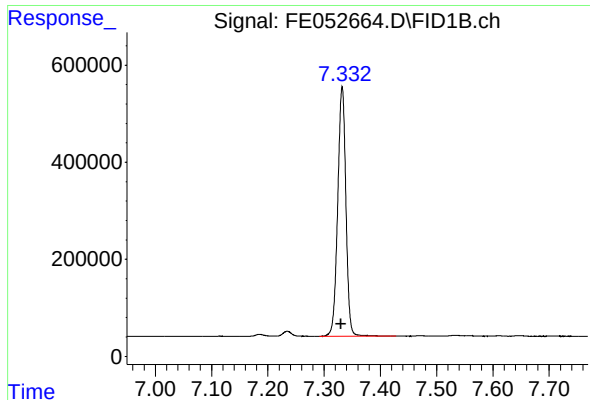
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 5446731
Conc: 32.12 ug/ml



#4 n-Dodecane (C12)

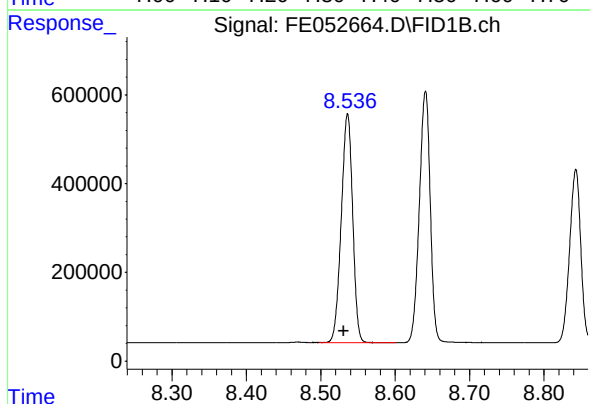
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 5176828
Conc: 33.25 ug/ml



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

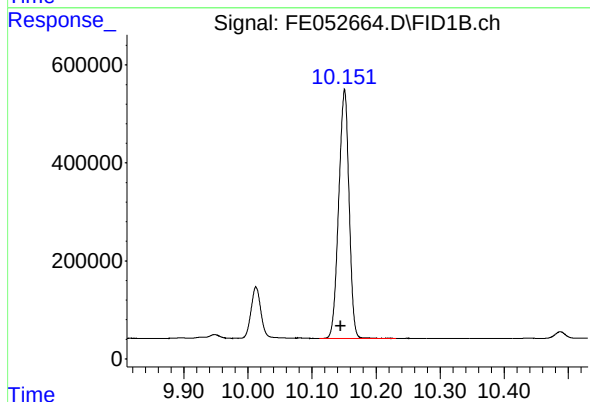
R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 5203430
Conc: 32.11 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



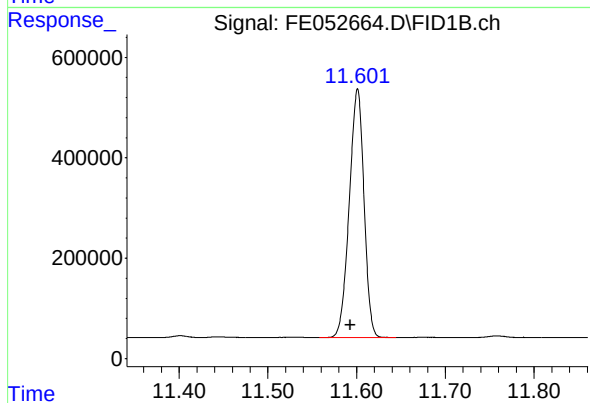
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.005 min
Response: 5490287
Conc: 36.29 ug/ml



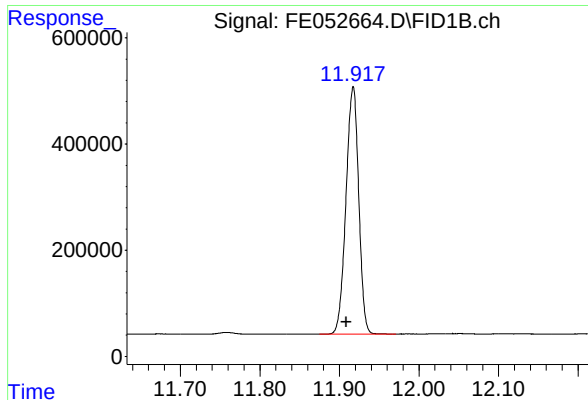
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.006 min
Response: 5666218
Conc: 37.06 ug/ml



#8 n-Octadecane (C18)

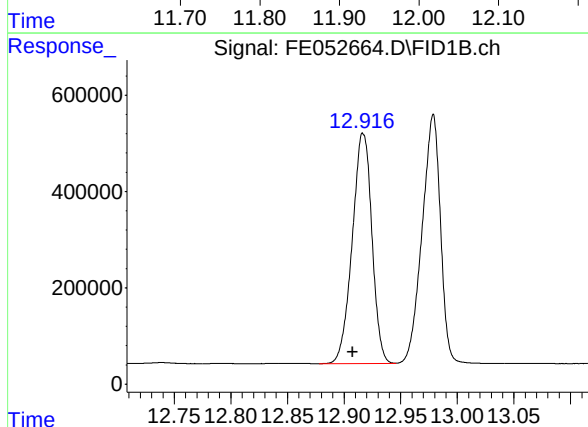
R.T.: 11.601 min
Delta R.T.: 0.008 min
Response: 5716194
Conc: 37.57 ug/ml



#9 ortho-Terphenyl (SURR)

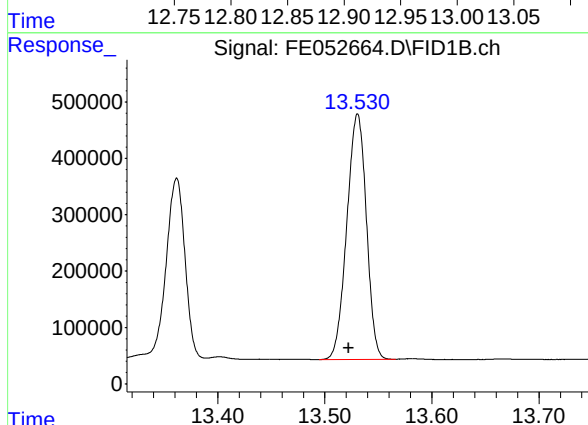
R.T.: 11.917 min
Delta R.T.: 0.008 min
Response: 5181043
Conc: 30.73 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



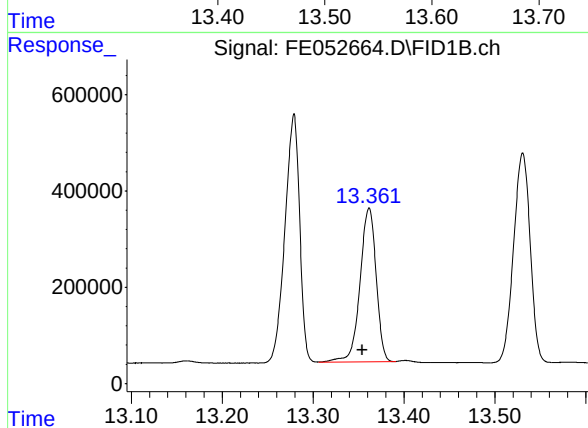
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 5783992
Conc: 39.84 ug/ml



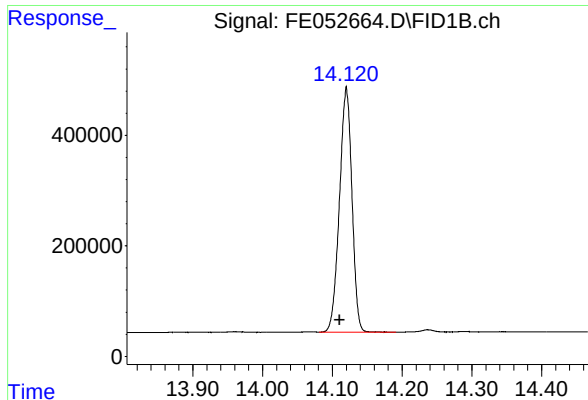
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.008 min
Response: 5523900
Conc: 38.81 ug/ml



#12 1-chlorooctadecane (SURR)

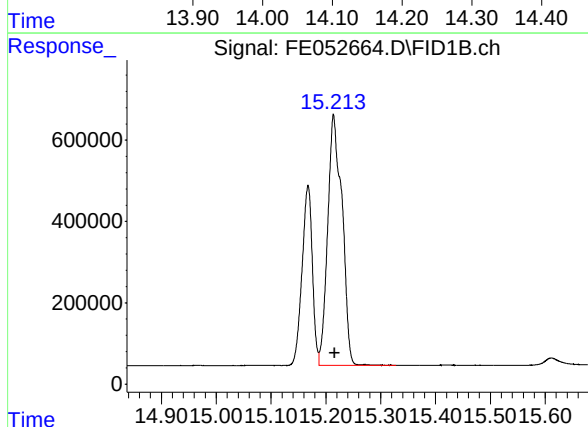
R.T.: 13.361 min
Delta R.T.: 0.007 min
Response: 3945214
Conc: 32.49 ug/ml



#13 n-Docosane (C22)

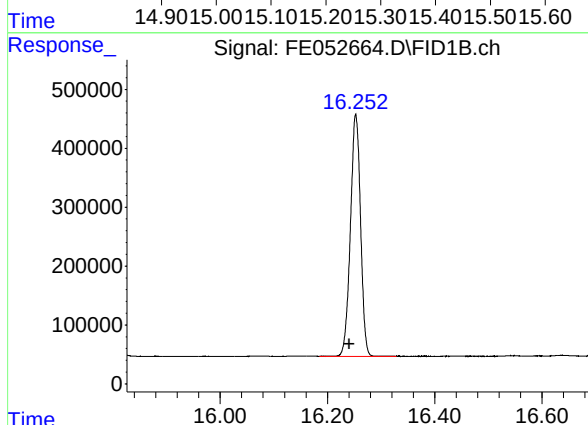
R.T.: 14.120 min
Delta R.T.: 0.010 min
Response: 5511992
Conc: 38.73 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



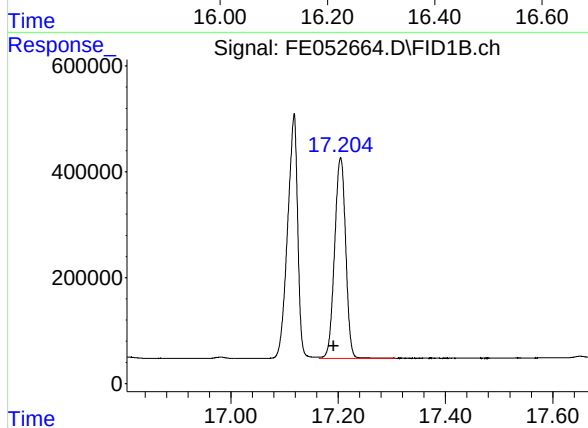
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 11201682
Conc: 78.27 ug/ml



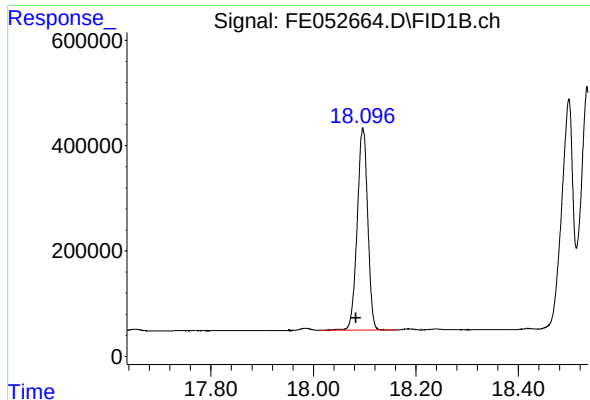
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: 0.012 min
Response: 5386468
Conc: 37.88 ug/ml



#16 n-Octacosane (C28)

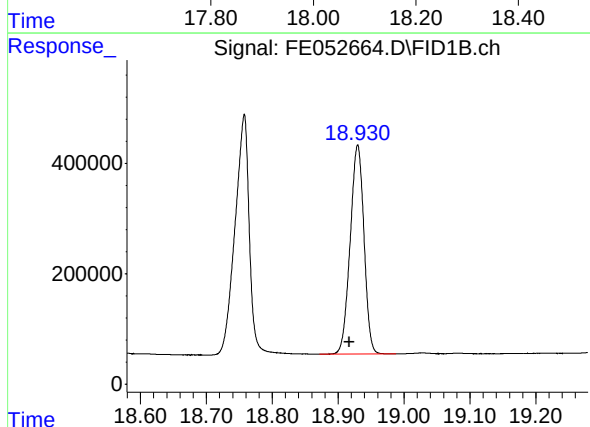
R.T.: 17.204 min
Delta R.T.: 0.012 min
Response: 5446893
Conc: 38.31 ug/ml



#17 n-Tricontane (C30)

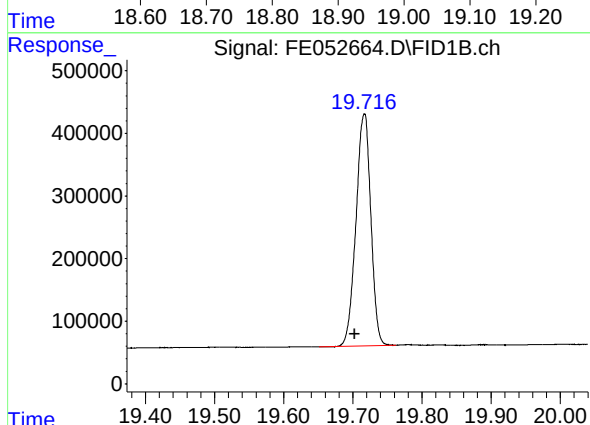
R.T.: 18.097 min
Delta R.T.: 0.014 min
Response: 5475869
Conc: 37.07 ug/ml

Instrument :
FID_E
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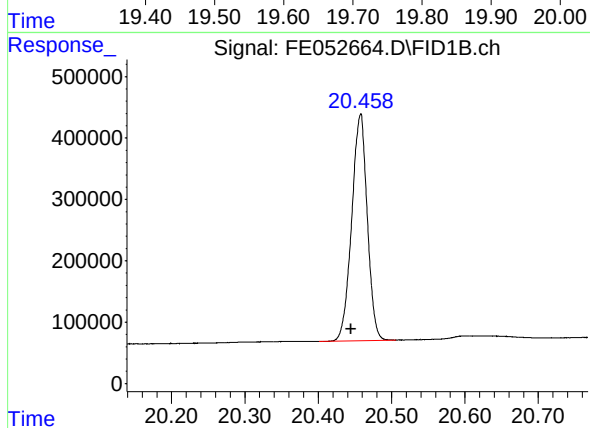
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.013 min
Response: 5506819
Conc: 37.93 ug/ml



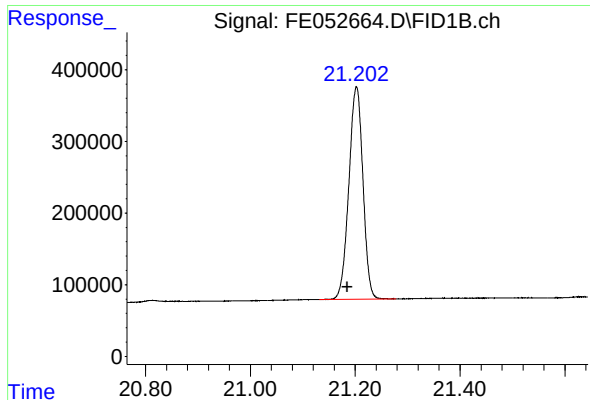
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.014 min
Response: 5535916
Conc: 41.07 ug/ml



#20 n-Hexatriacontane (C36)

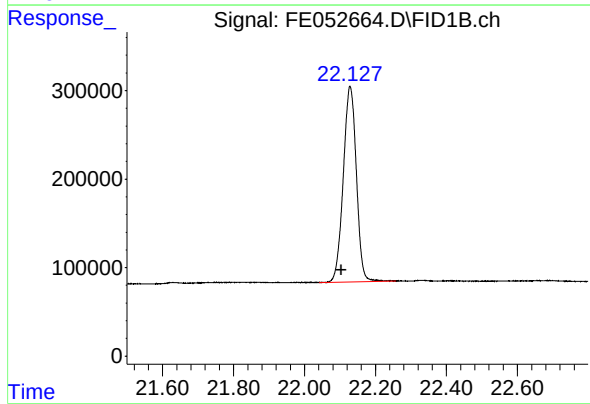
R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 5453909
Conc: 45.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.017 min
Response: 5523977
Conc: 49.79 ug/ml

Instrument :
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ClientSampleId :
SOILMSD



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.024 min
Response: 5649173
Conc: 52.25 ug/ml