

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100925AL\
 Data File : FC069966.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 14:25
 Operator : YP/AJ
 Sample : Q3301-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOILMSD

Integration File: autoint1.e
 Quant Time: Oct 09 05:51:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.649	26367593	150.154 ug/ml
Spiked Amount 50.000		Recovery =	300.31%
12) S 1-chlorooctadecane (S...	13.103	11367069	83.740 ug/ml
Spiked Amount 50.000		Recovery =	167.48%
Target Compounds			
1) T n-Nonane (C9)	3.385	6370661	46.394 ug/ml
2) T n-Decane (C10)	4.463	16911518	117.636 ug/ml
3) T A~Naphthalene (C11.7)	6.058	12897407	79.803 ug/ml
4) T n-Dodecane (C12)	6.506	51937864	338.851 ug/ml
5) T A~2-methylnaphthalene...	7.101	9954163	62.389 ug/ml
6) T n-Tetradecane (C14)	8.257	6021867	37.863 ug/ml
7) T n-Hexadecane (C16)	9.866	11877492	70.481 ug/ml
8) T n-Octadecane (C18)	11.302	5547086	32.605 ug/ml
10) T n-Eicosane (C20)	12.681	65716473	409.618 ug/ml
11) T n-Heneicosane (C21)	13.285	45559825	293.417 ug/ml
13) T n-Docosane (C22)	13.863	31618639	205.455 ug/ml
14) T n-Tetracosane (C24)	14.951	14034905	92.560 ug/ml
15) T n-Hexacosane (C26)	15.967	9046272	62.500 ug/ml
16) T n-Octacosane (C28)	16.916	7934359	57.369 ug/ml
17) T n-Tricontane (C30)	17.803	7394938	54.162 ug/ml
18) T n-Dotriacontane (C32)	18.636	7010237	54.371 ug/ml
19) T n-Tetratriacontane (C34)	19.419	6809166	59.677 ug/ml
20) T n-Hexatriacontane (C36)	20.160	6339800	65.554 ug/ml
21) T n-Octatriacontane (C38)	20.918	6080766	69.767 ug/ml
22) T n-Tetracontane (C40)	21.872	5881872	71.588 ug/ml

(f)=RT Delta > 1/2 Window

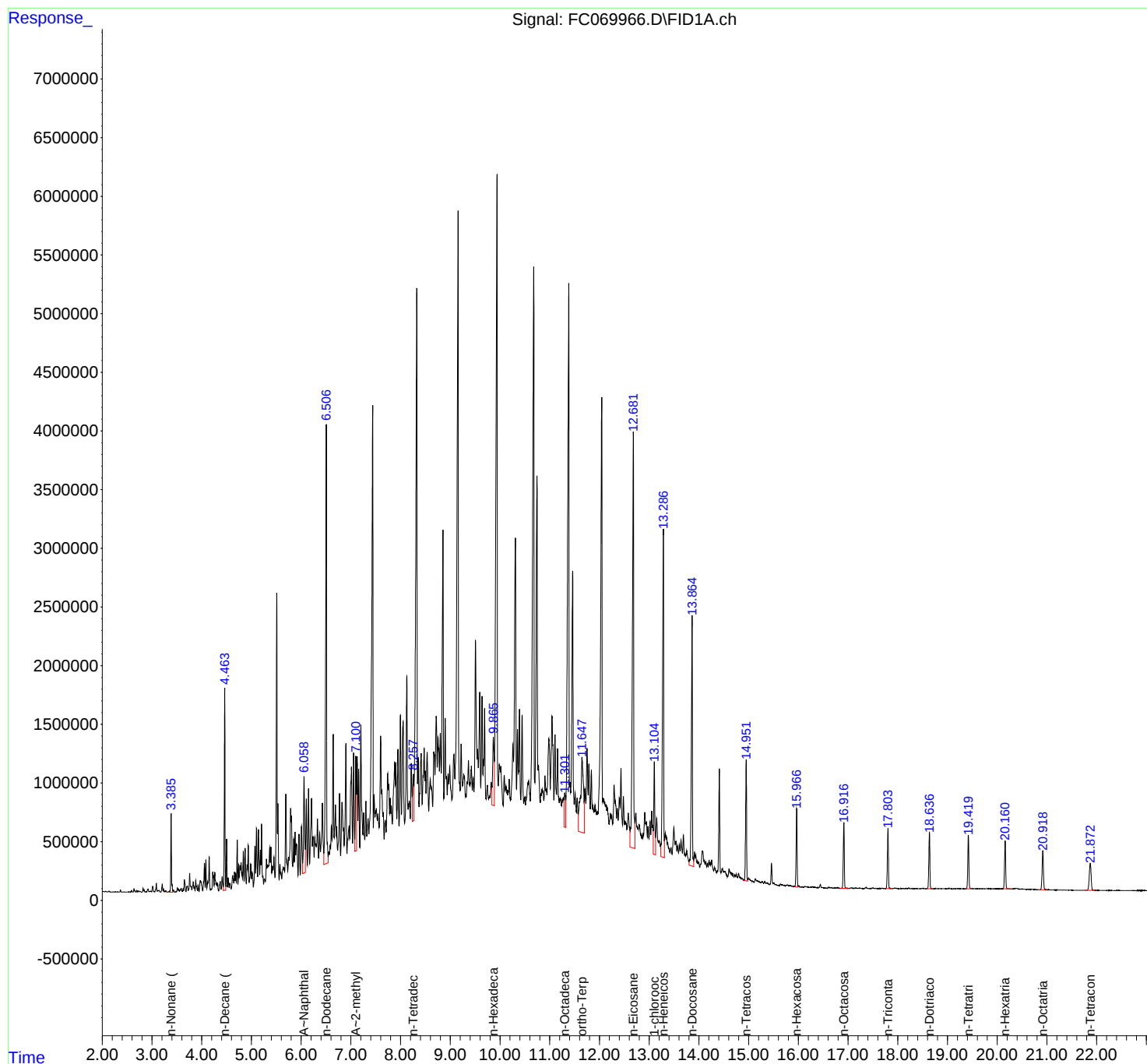
(m)=manual int.

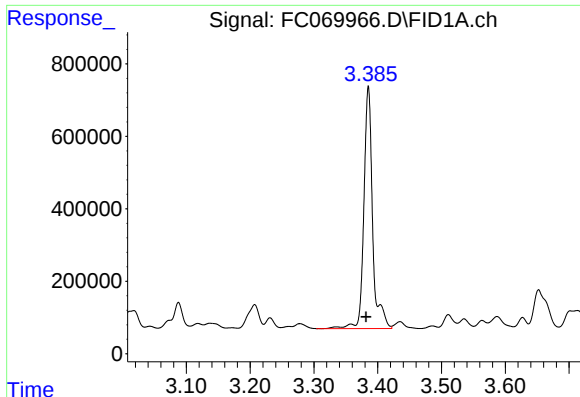
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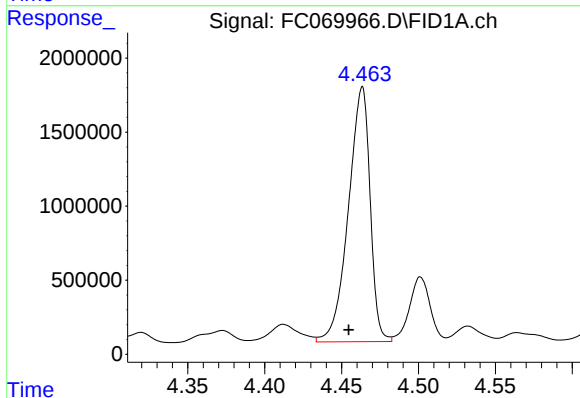




#1 n-Nonane (C9)

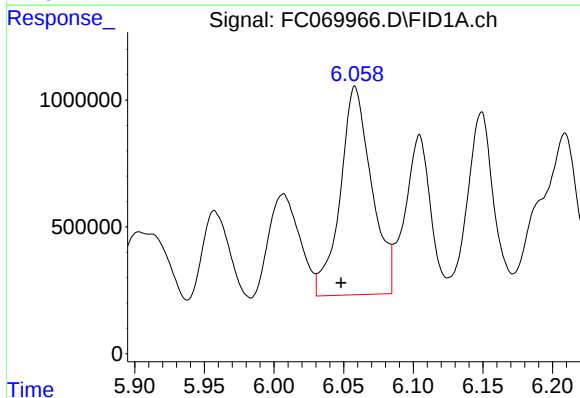
R.T.: 3.385 min
Delta R.T.: 0.003 min
Response: 6370661
Conc: 46.39 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



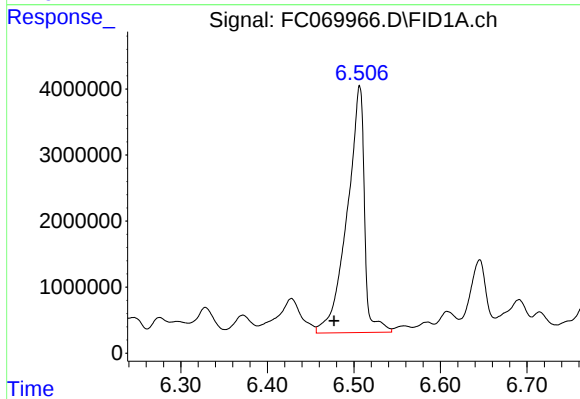
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.008 min
Response: 16911518
Conc: 117.64 ug/ml



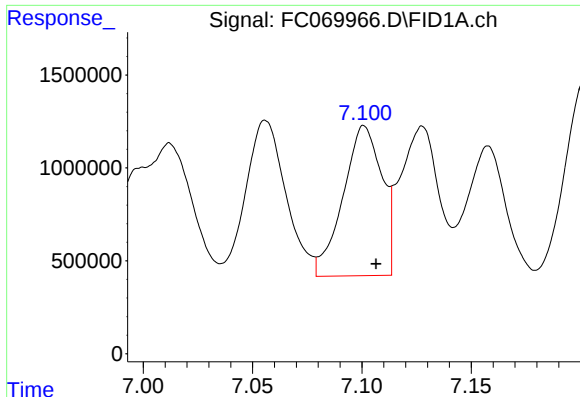
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: 0.010 min
Response: 12897407
Conc: 79.80 ug/ml



#4 n-Dodecane (C12)

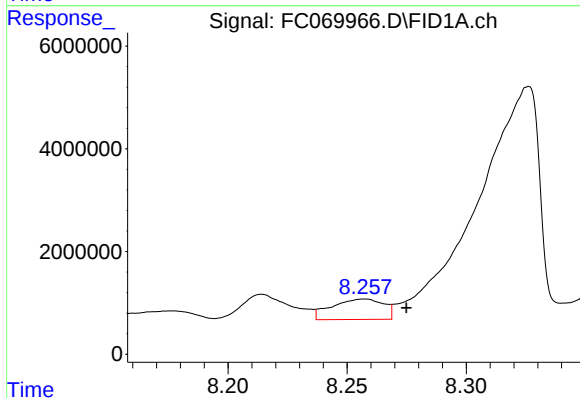
R.T.: 6.506 min
Delta R.T.: 0.029 min
Response: 51937864
Conc: 338.85 ug/ml



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

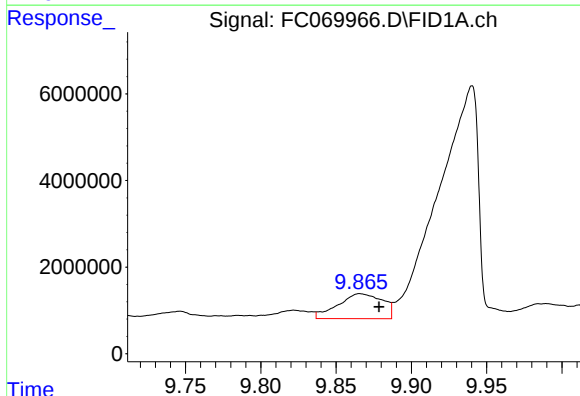
R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 9954163
Conc: 62.39 ug/ml

Instrument :
FID_E
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SOILMSD



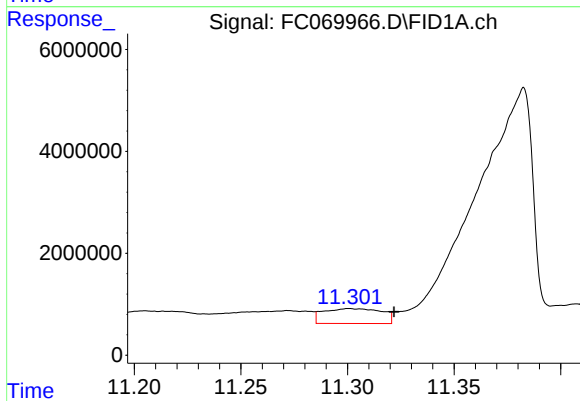
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: -0.018 min
Response: 6021867
Conc: 37.86 ug/ml



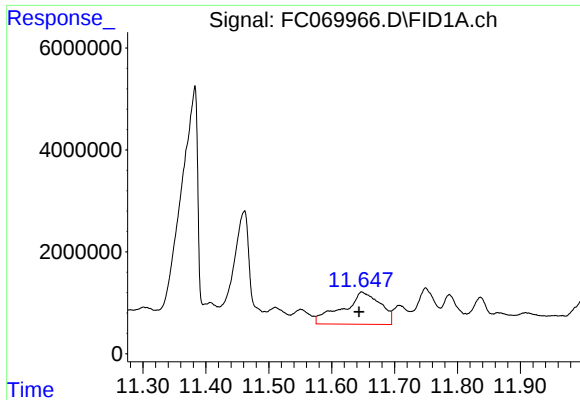
#7 n-Hexadecane (C16)

R.T.: 9.866 min
Delta R.T.: -0.012 min
Response: 11877492
Conc: 70.48 ug/ml



#8 n-Octadecane (C18)

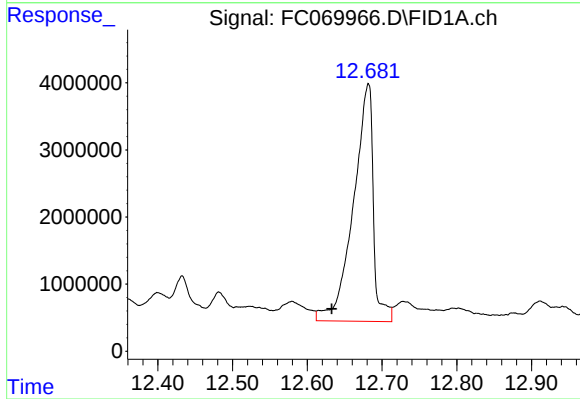
R.T.: 11.302 min
Delta R.T.: -0.020 min
Response: 5547086
Conc: 32.61 ug/ml



#9 ortho-Terphenyl (SURR)

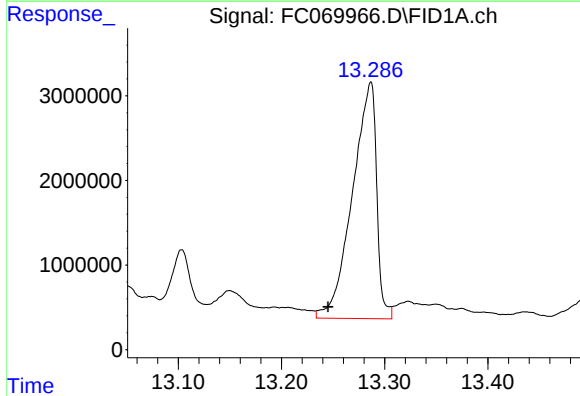
R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 26367593
Conc: 150.15 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



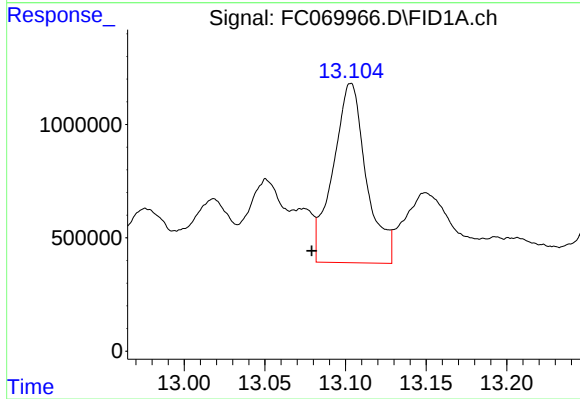
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.048 min
Response: 65716473
Conc: 409.62 ug/ml



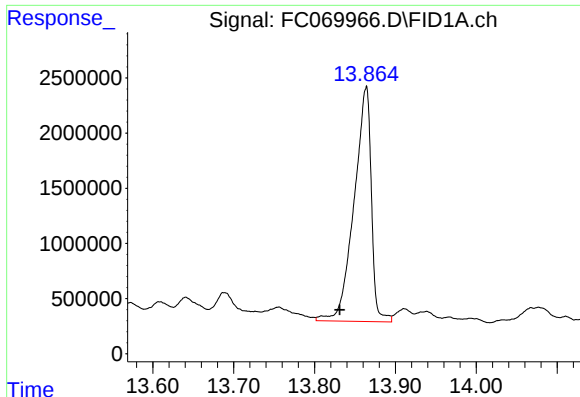
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: 0.040 min
Response: 45559825
Conc: 293.42 ug/ml



#12 1-chlorooctadecane (SURR)

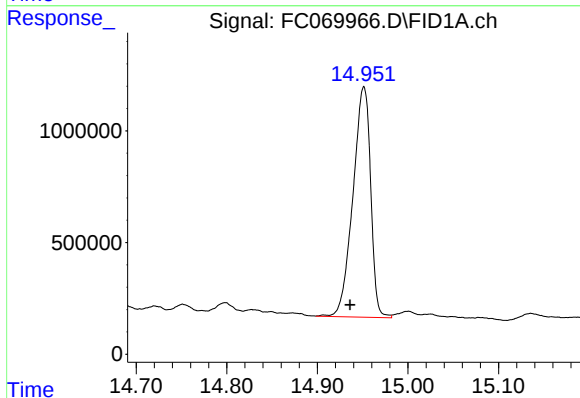
R.T.: 13.103 min
Delta R.T.: 0.024 min
Response: 11367069
Conc: 83.74 ug/ml



#13 n-Docosane (C22)

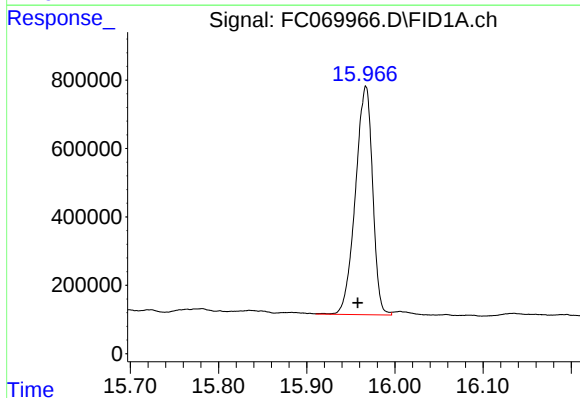
R.T.: 13.863 min
Delta R.T.: 0.032 min
Response: 31618639
Conc: 205.46 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



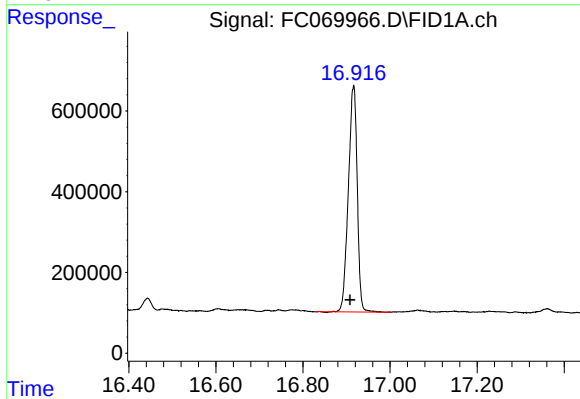
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.015 min
Response: 14034905
Conc: 92.56 ug/ml



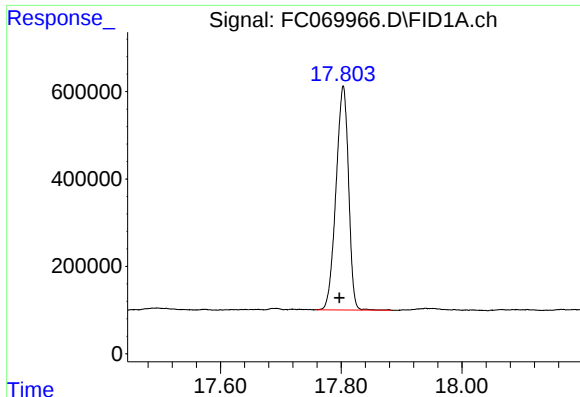
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.009 min
Response: 9046272
Conc: 62.50 ug/ml



#16 n-Octacosane (C28)

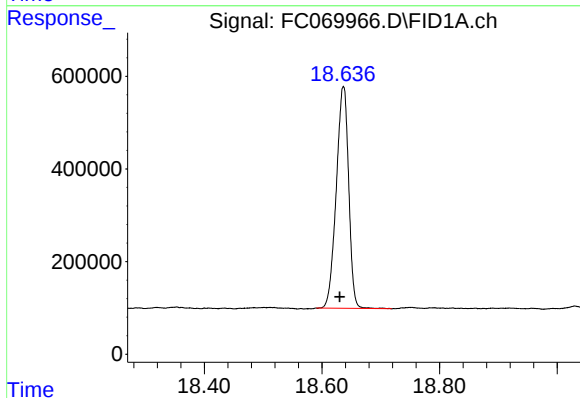
R.T.: 16.916 min
Delta R.T.: 0.008 min
Response: 7934359
Conc: 57.37 ug/ml



#17 n-Tricontane (C30)

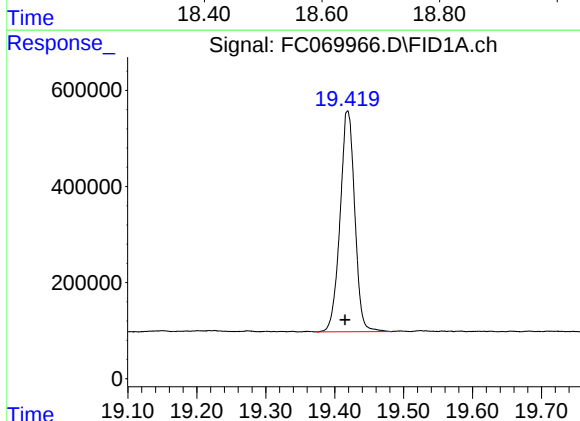
R.T.: 17.803 min
Delta R.T.: 0.006 min
Response: 7394938
Conc: 54.16 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



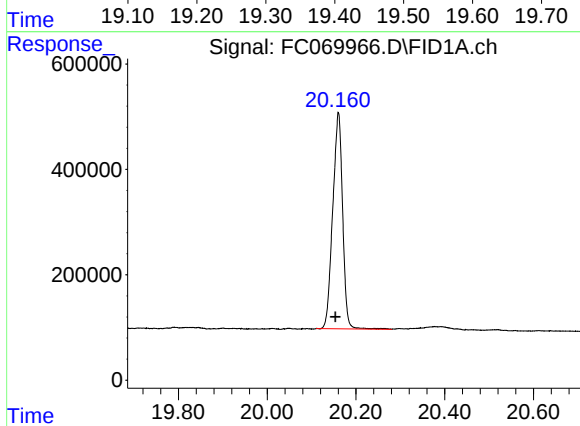
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: 0.006 min
Response: 7010237
Conc: 54.37 ug/ml



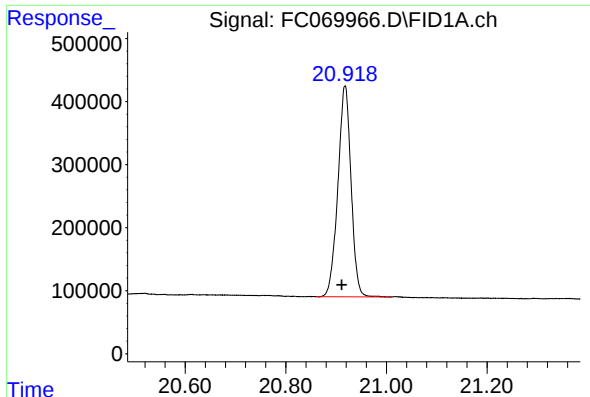
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: 0.004 min
Response: 6809166
Conc: 59.68 ug/ml



#20 n-Hexatriacontane (C36)

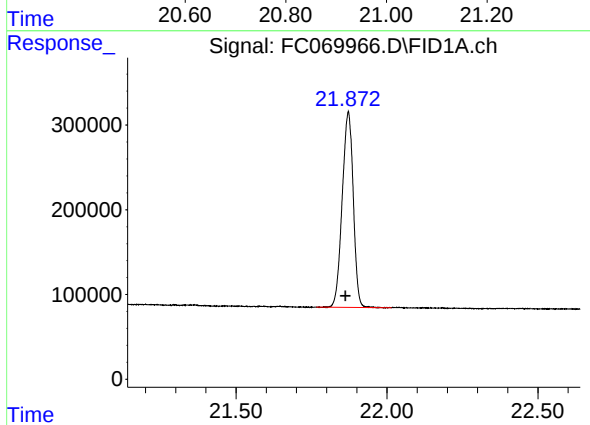
R.T.: 20.160 min
Delta R.T.: 0.007 min
Response: 6339800
Conc: 65.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.006 min
Response: 6080766
Conc: 69.77 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.010 min
Response: 5881872
Conc: 71.59 ug/ml