

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100925AL\
 Data File : FC069965.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 13:43
 Operator : YP/AJ
 Sample : Q3301-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOILMS

Integration File: autoint1.e
 Quant Time: Oct 09 05:30:23 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	25066790	142.747 ug/ml
Spiked Amount 50.000		Recovery =	285.49%
12) S 1-chlorooctadecane (S...	13.102	13065363	96.251 ug/ml
Spiked Amount 50.000		Recovery =	192.50%
Target Compounds			
1) T n-Nonane (C9)	3.384	6143281	44.738 ug/ml
2) T n-Decane (C10)	4.463	16257816	113.088 ug/ml
3) T A~Naphthalene (C11.7)	6.058	12201263	75.495 ug/ml
4) T n-Dodecane (C12)	6.505	49963076	325.968 ug/ml
5) T A~2-methylnaphthalene...	7.101	9485276	59.450 ug/ml
6) T n-Tetradecane (C14)	8.255	5792220	36.419 ug/ml
7) T n-Hexadecane (C16)	9.867	11817566	70.125 ug/ml
8) T n-Octadecane (C18)	11.300	6027157	35.427 ug/ml
10) T n-Eicosane (C20)	12.617	1350466	8.418 ug/ml
11) T n-Heneicosane (C21)	13.285	44164231	284.429 ug/ml
13) T n-Docosane (C22)	13.862	30346364	197.188 ug/ml
14) T n-Tetracosane (C24)	14.951	13669221	90.148 ug/ml
15) T n-Hexacosane (C26)	15.966	8951510	61.845 ug/ml
16) T n-Octacosane (C28)	16.916	7711333	55.757 ug/ml
17) T n-Tricontane (C30)	17.803	7321175	53.622 ug/ml
18) T n-Dotriacontane (C32)	18.637	6890664	53.444 ug/ml
19) T n-Tetratriacontane (C34)	19.420	6694728	58.674 ug/ml
20) T n-Hexatriacontane (C36)	20.159	6223638	64.353 ug/ml
21) T n-Octatriacontane (C38)	20.919	6011611	68.973 ug/ml
22) T n-Tetracontane (C40)	21.873	5765701	70.174 ug/ml

(f)=RT Delta > 1/2 Window

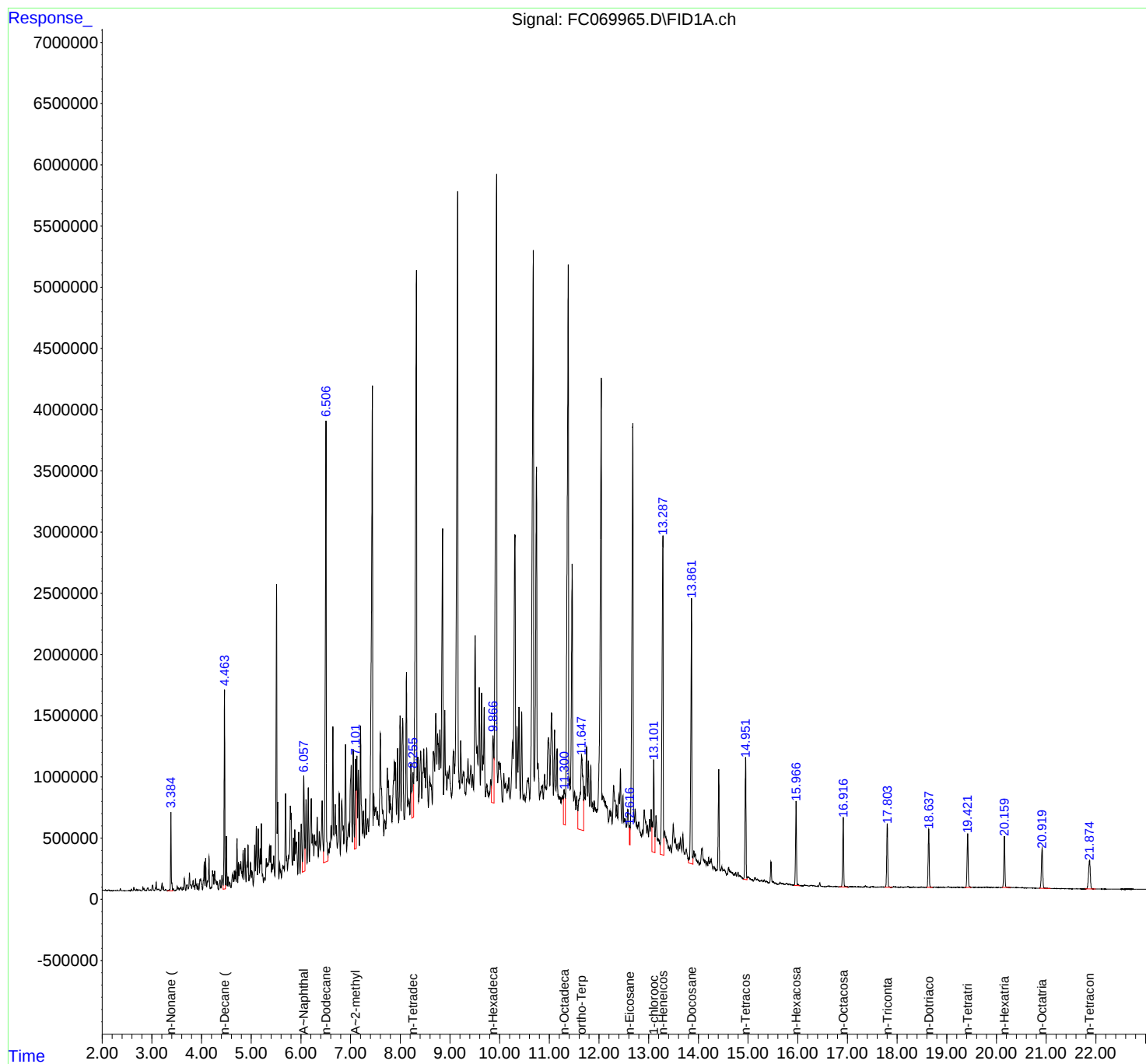
(m)=manual int.

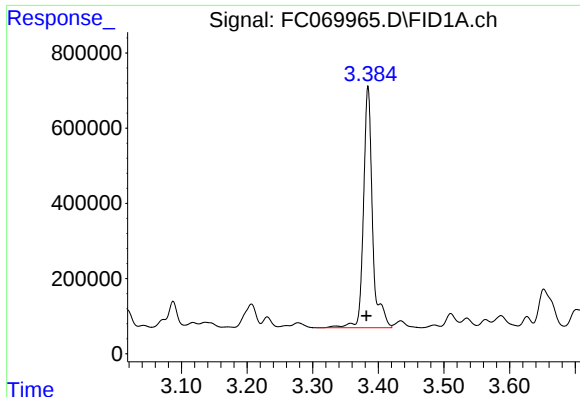
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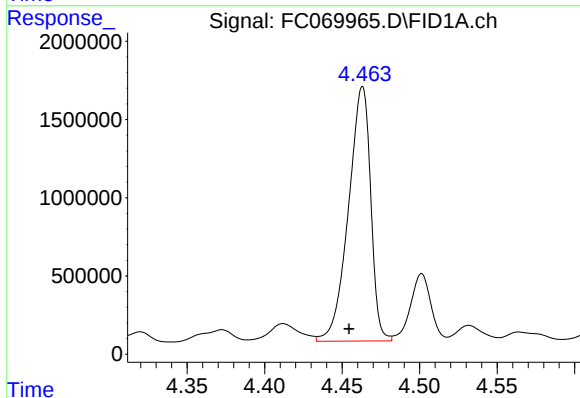




#1 n-Nonane (C9)

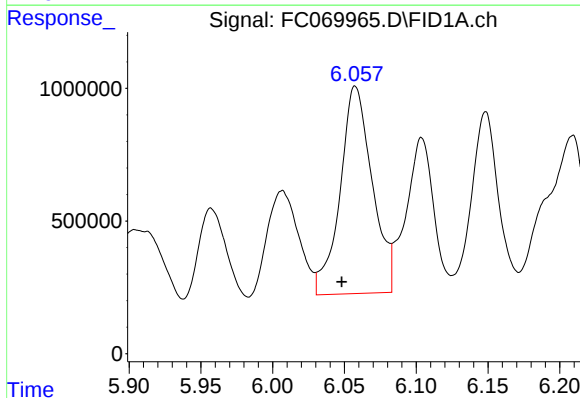
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 6143281
Conc: 44.74 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



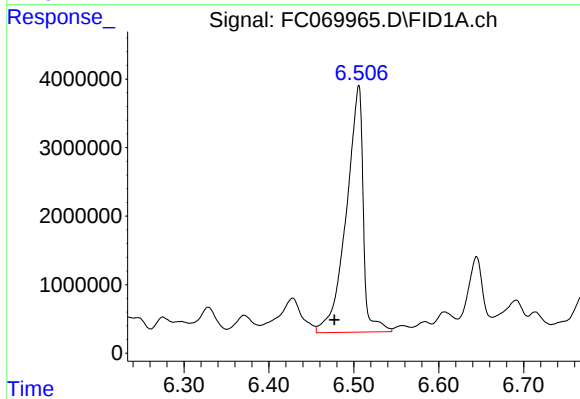
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.008 min
Response: 16257816
Conc: 113.09 ug/ml



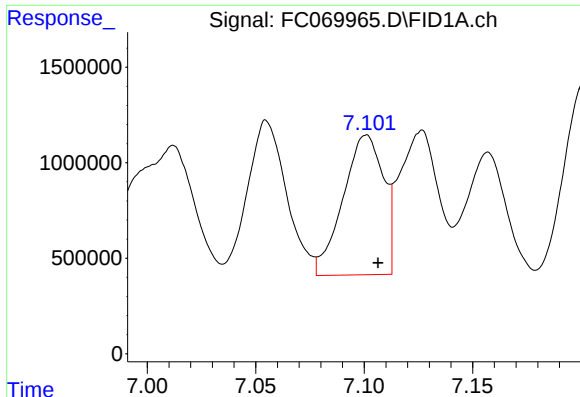
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: 0.010 min
Response: 12201263
Conc: 75.50 ug/ml



#4 n-Dodecane (C12)

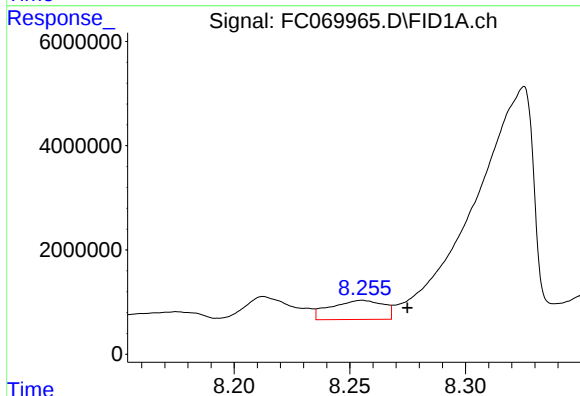
R.T.: 6.505 min
Delta R.T.: 0.027 min
Response: 49963076
Conc: 325.97 ug/ml



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

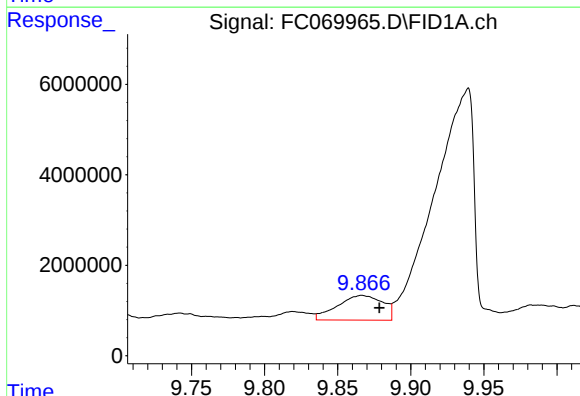
R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 9485276
Conc: 59.45 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



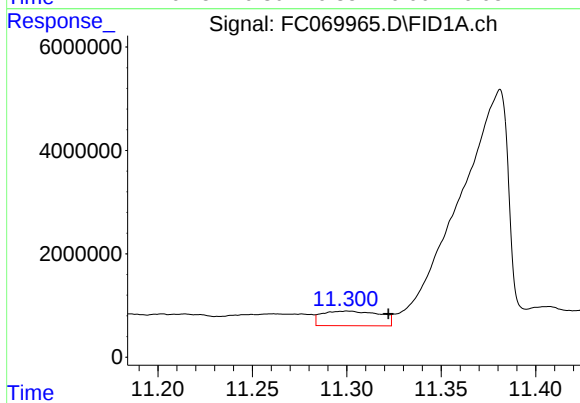
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.019 min
Response: 5792220
Conc: 36.42 ug/ml



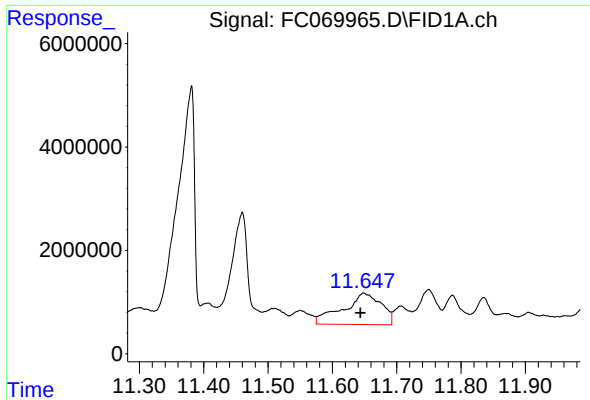
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.012 min
Response: 11817566
Conc: 70.13 ug/ml



#8 n-Octadecane (C18)

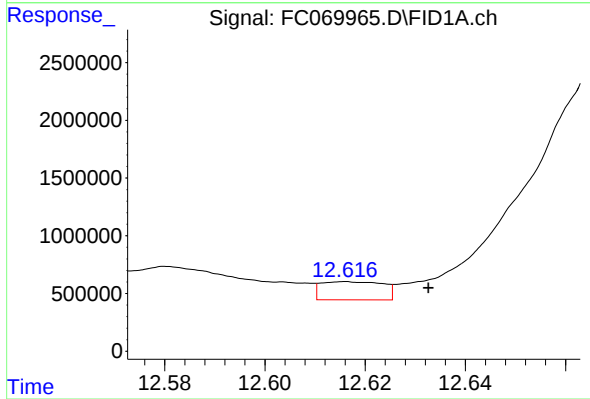
R.T.: 11.300 min
Delta R.T.: -0.022 min
Response: 6027157
Conc: 35.43 ug/ml



#9 ortho-Terphenyl (SURR)

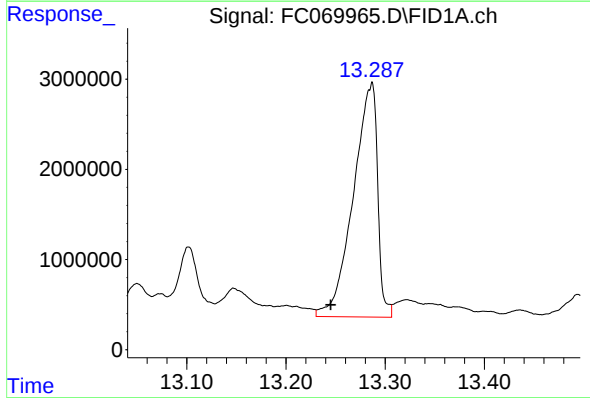
R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 25066790
Conc: 142.75 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



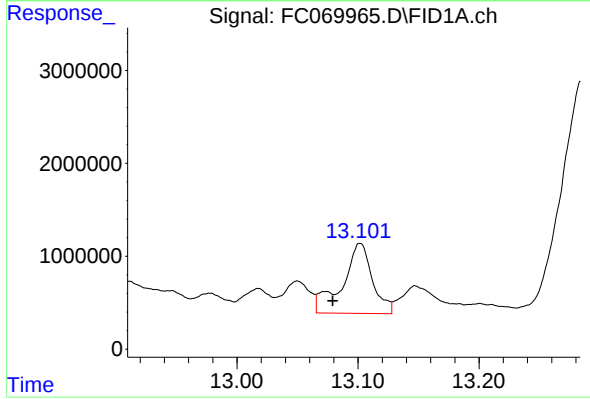
#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: -0.016 min
Response: 1350466
Conc: 8.42 ug/ml



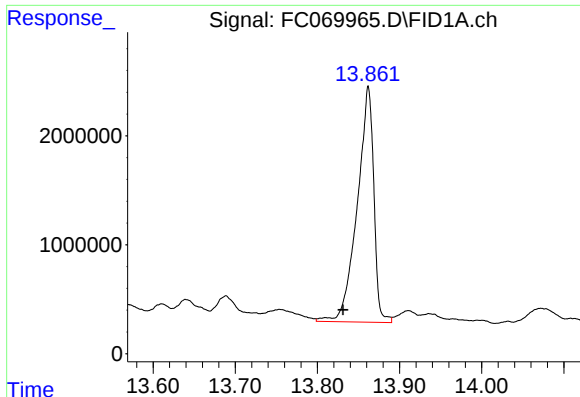
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: 0.040 min
Response: 44164231
Conc: 284.43 ug/ml



#12 1-chlorooctadecane (SURR)

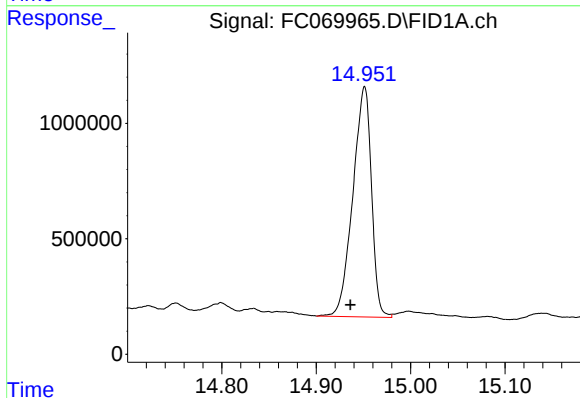
R.T.: 13.102 min
Delta R.T.: 0.023 min
Response: 13065363
Conc: 96.25 ug/ml



#13 n-Docosane (C22)

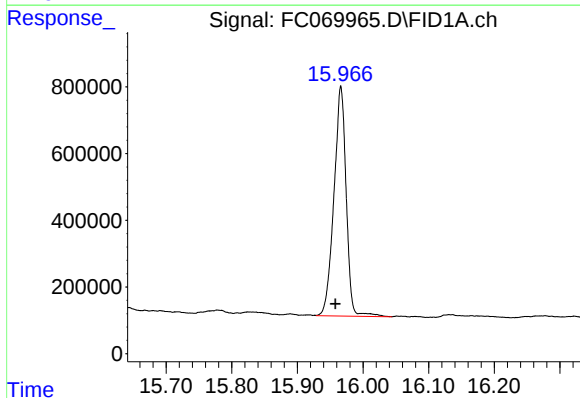
R.T.: 13.862 min
Delta R.T.: 0.030 min
Response: 30346364
Conc: 197.19 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



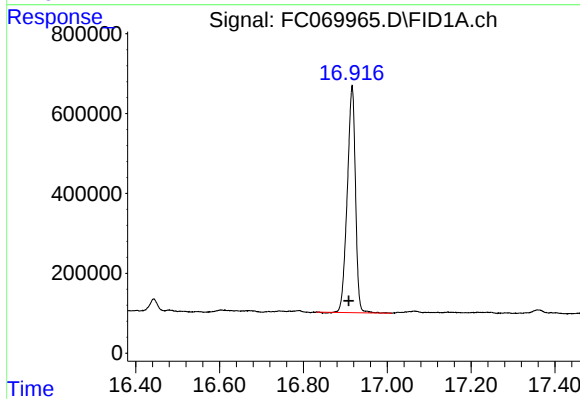
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.015 min
Response: 13669221
Conc: 90.15 ug/ml



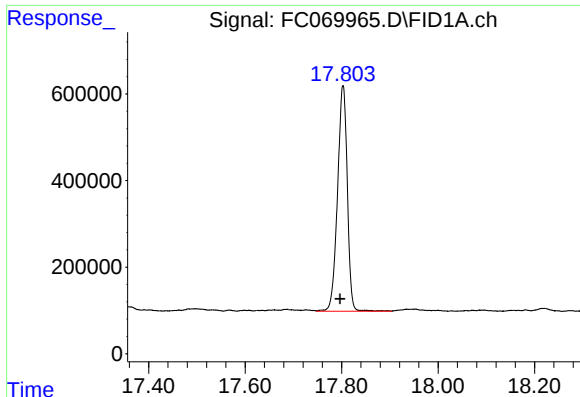
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: 0.008 min
Response: 8951510
Conc: 61.85 ug/ml



#16 n-Octacosane (C28)

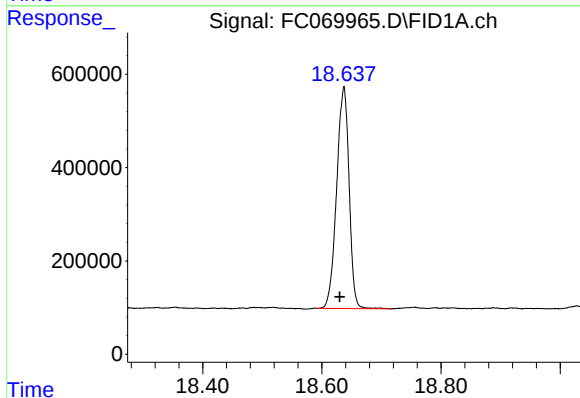
R.T.: 16.916 min
Delta R.T.: 0.008 min
Response: 7711333
Conc: 55.76 ug/ml



#17 n-Tricontane (C30)

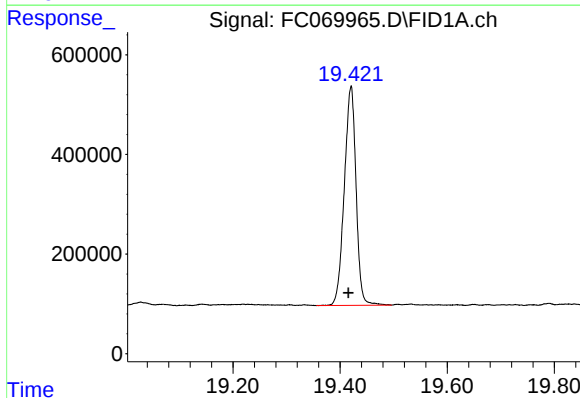
R.T.: 17.803 min
Delta R.T.: 0.006 min
Response: 7321175
Conc: 53.62 ug/ml

Instrument :
FID_E
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SOILMS



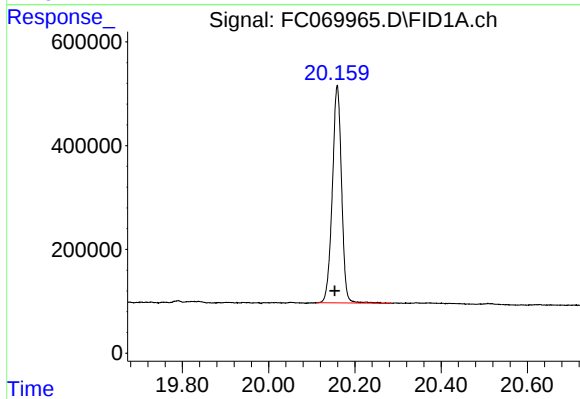
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: 0.006 min
Response: 6890664
Conc: 53.44 ug/ml



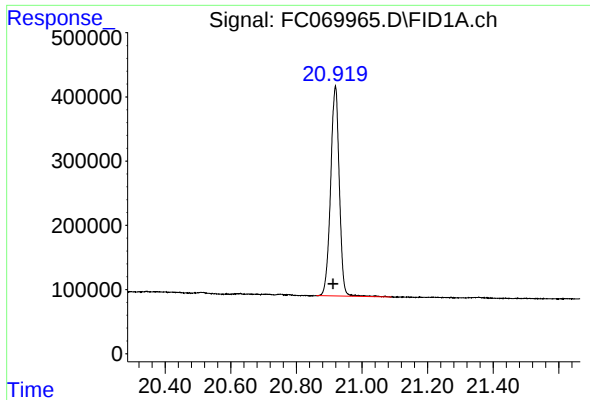
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: 0.005 min
Response: 6694728
Conc: 58.67 ug/ml



#20 n-Hexatriacontane (C36)

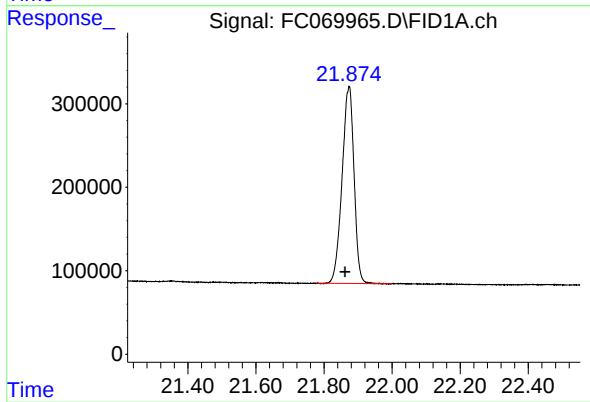
R.T.: 20.159 min
Delta R.T.: 0.006 min
Response: 6223638
Conc: 64.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: 0.007 min
Response: 6011611
Conc: 68.97 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMS



#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: 0.012 min
Response: 5765701
Conc: 70.17 ug/ml