

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102122AL\
 Data File : FE038269.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2022 19:04
 Operator : YP\AJ
 Sample : N5211-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-SOILPILE-1020MSD

Integration File: sample.E
 Quant Time: Oct 22 15:21:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.598	4830845	27.930 ug/ml
Spiked Amount 50.000		Recovery =	55.86%
12) S 1-chlorooctadecane (S...	13.019	4125375	30.522 ug/ml
Spiked Amount 50.000		Recovery =	61.04%
Target Compounds			
1) T n-Nonane (C9)	2.988	3064122	20.805 ug/ml
2) T n-Decane (C10)	4.247	3491713	23.617 ug/ml
3) T A~Naphthalene (C11.7)	5.969	3795375	27.715 ug/ml
4) T n-Dodecane (C12)	6.420	4143394	27.191 ug/ml
5) T A~2-methylnaphthalene...	7.063	3976173	29.917 ug/ml
6) T n-Tetradecane (C14)	8.240	4574320	29.887 ug/ml
7) T n-Hexadecane (C16)	9.838	4900798	31.375 ug/ml
8) T n-Octadecane (C18)	11.274	5154391	32.135 ug/ml
10) T n-Eicosane (C20)	12.575	5016338	30.762 ug/ml
11) T n-Heneicosane (C21)	13.183	4909412	29.796 ug/ml
13) T n-Docosane (C22)	13.767	4882018	29.658 ug/ml
14) T n-Tetracosane (C24)	14.864	9841945	60.010 ug/ml
15) T n-Hexacosane (C26)	15.881	4647385	28.501 ug/ml
16) T n-Octacosane (C28)	16.824	6069545	37.887 ug/ml
17) T n-Tricontane (C30)	17.711	4589512	28.680 ug/ml
18) T n-Dotriacontane (C32)	18.536	4876118	30.965 ug/ml
19) T n-Tetratriacontane (C34)	19.317	4585909	30.953 ug/ml
20) T n-Hexatriacontane (C36)	20.053	4506673	31.260 ug/ml
21) T n-Octatriacontane (C38)	20.750	4679631	34.485 ug/ml
22) T n-Tetracontane (C40)	21.516	4835851	37.989 ug/ml

(f)=RT Delta > 1/2 Window

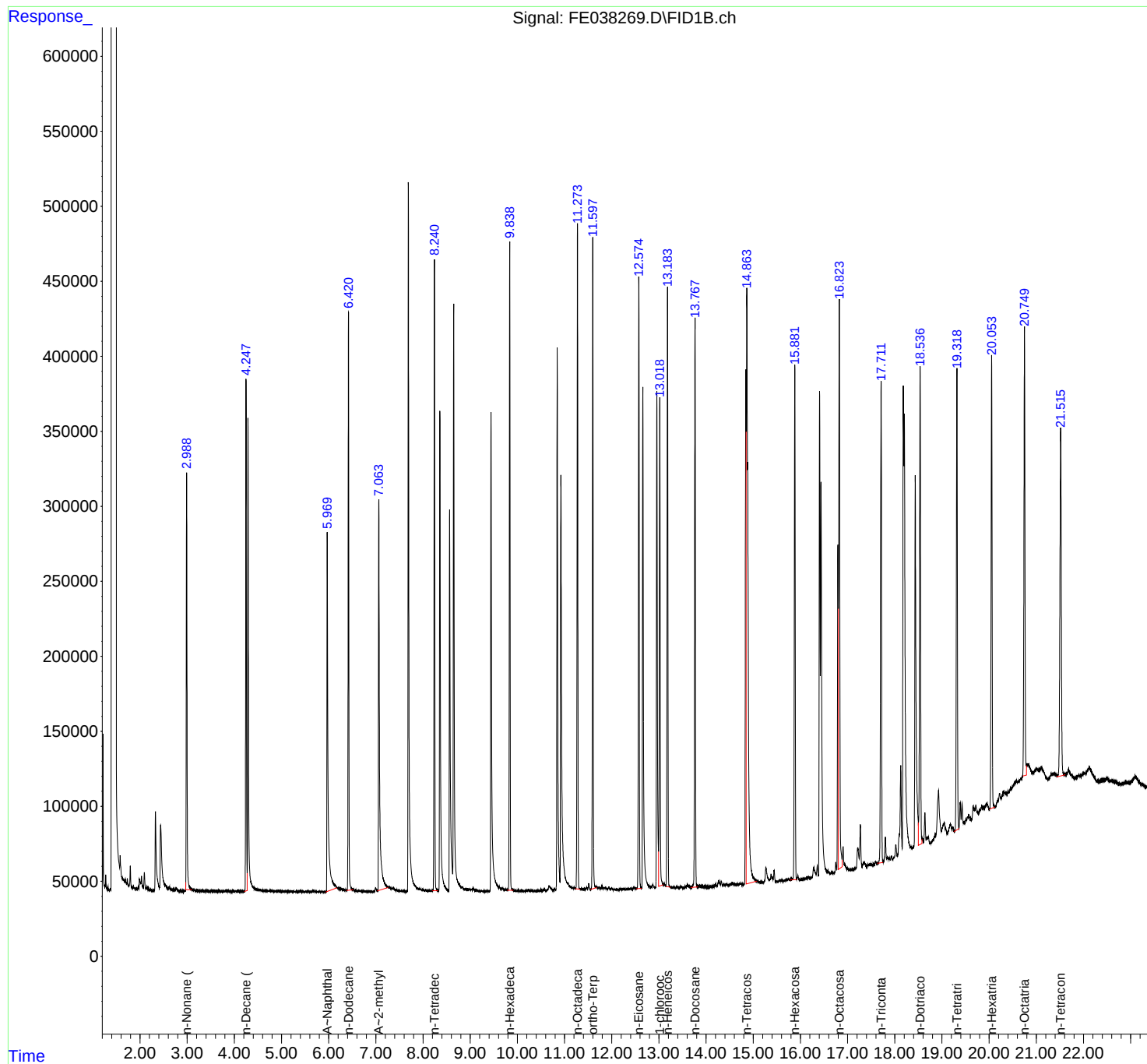
(m)=manual int.

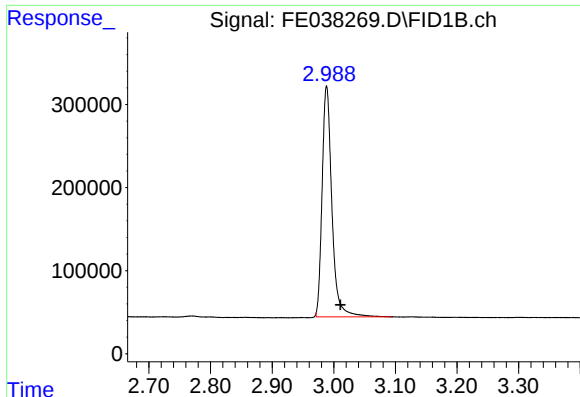
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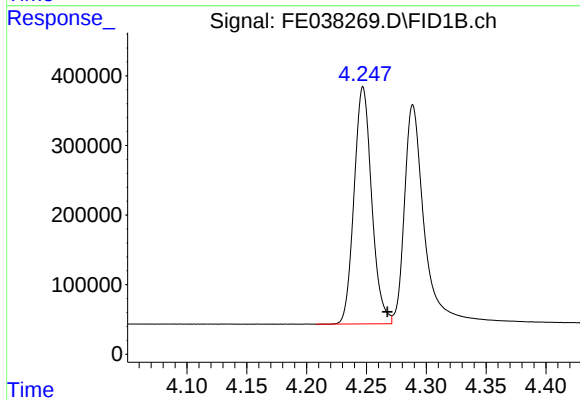




#1 n-Nonane (C9)

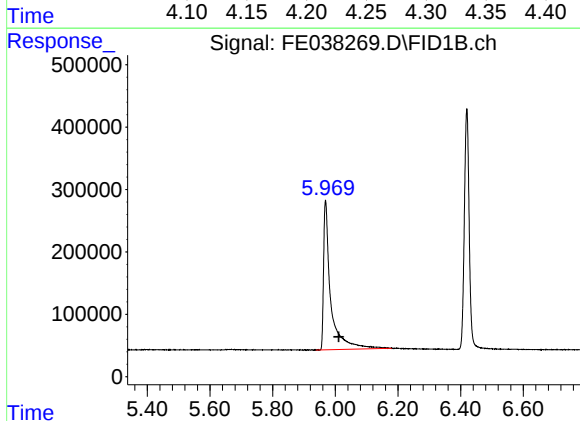
R.T.: 2.988 min
Delta R.T.: -0.023 min
Response: 3064122
Conc: 20.80 ug/ml

Instrument :
FID_E
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SB-SOILPILE-1020MSD



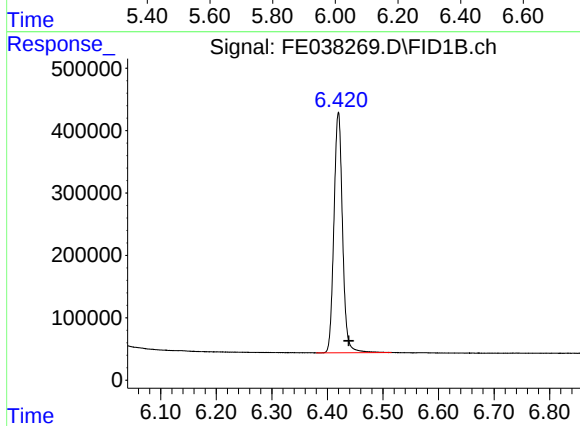
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.020 min
Response: 3491713
Conc: 23.62 ug/ml



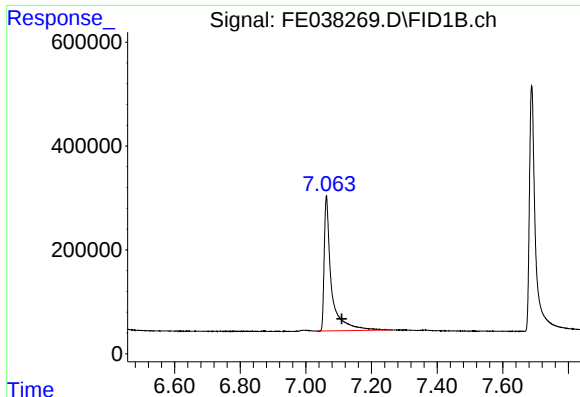
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.042 min
Response: 3795375
Conc: 27.72 ug/ml



#4 n-Dodecane (C12)

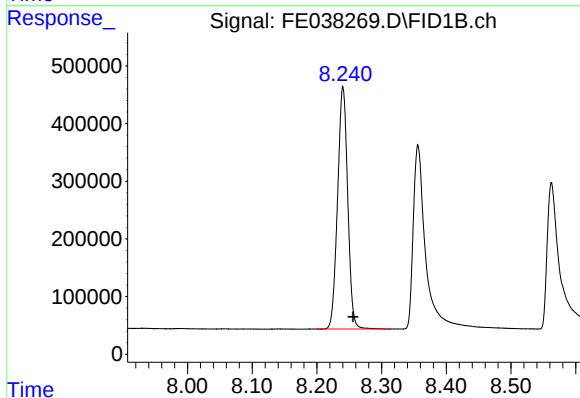
R.T.: 6.420 min
Delta R.T.: -0.018 min
Response: 4143394
Conc: 27.19 ug/ml



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

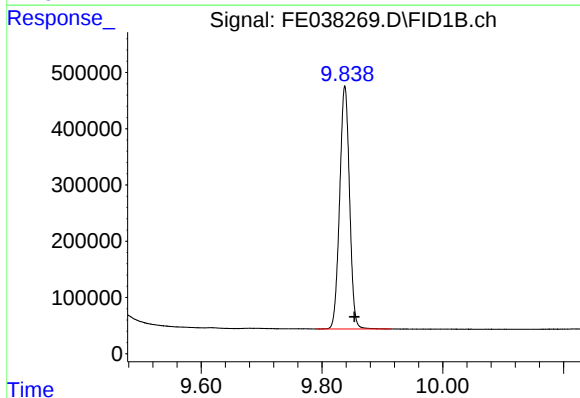
R.T.: 7.063 min
Delta R.T.: -0.047 min
Response: 3976173
Conc: 29.92 ug/ml

Instrument :
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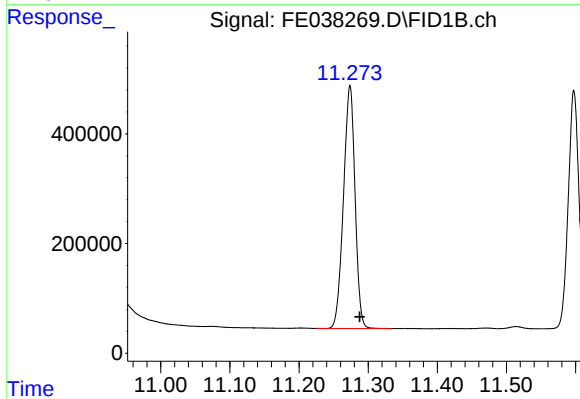
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.016 min
Response: 4574320
Conc: 29.89 ug/ml



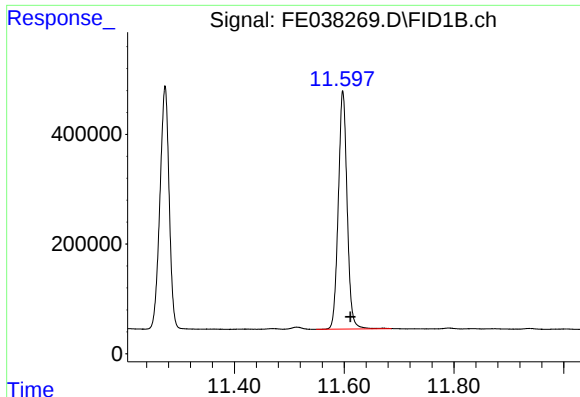
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: -0.016 min
Response: 4900798
Conc: 31.38 ug/ml



#8 n-Octadecane (C18)

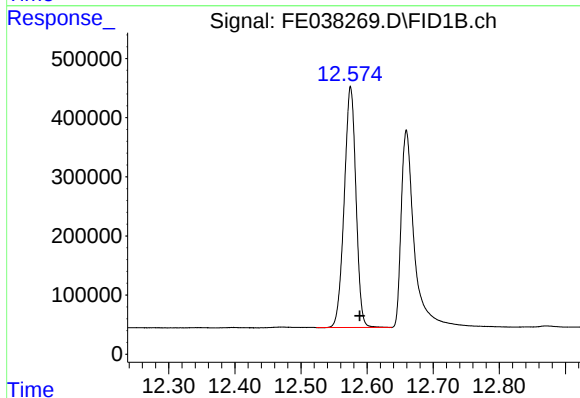
R.T.: 11.274 min
Delta R.T.: -0.014 min
Response: 5154391
Conc: 32.13 ug/ml



#9 ortho-Terphenyl (SURR)

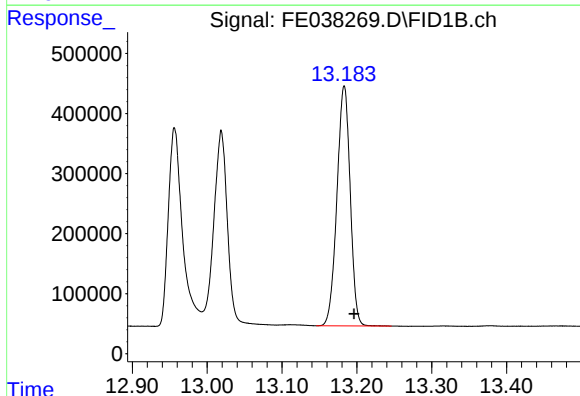
R.T.: 11.598 min
Delta R.T.: -0.014 min
Response: 4830845
Conc: 27.93 ug/ml

Instrument :
FID_E
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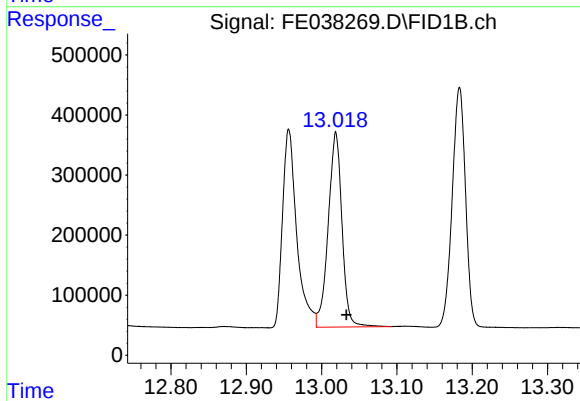
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.014 min
Response: 5016338
Conc: 30.76 ug/ml



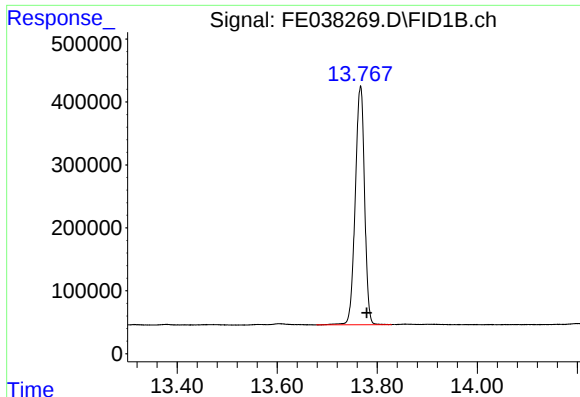
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.013 min
Response: 4909412
Conc: 29.80 ug/ml



#12 1-chlorooctadecane (SURR)

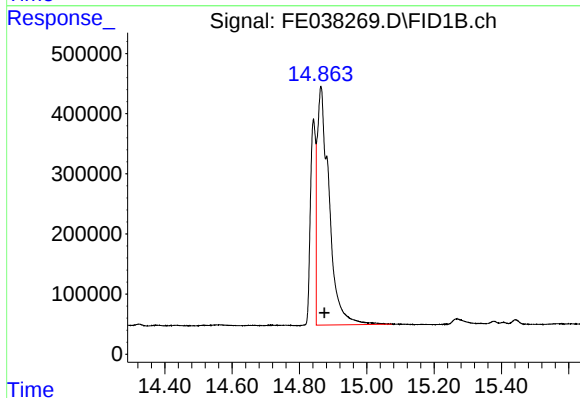
R.T.: 13.019 min
Delta R.T.: -0.014 min
Response: 4125375
Conc: 30.52 ug/ml



#13 n-Docosane (C22)

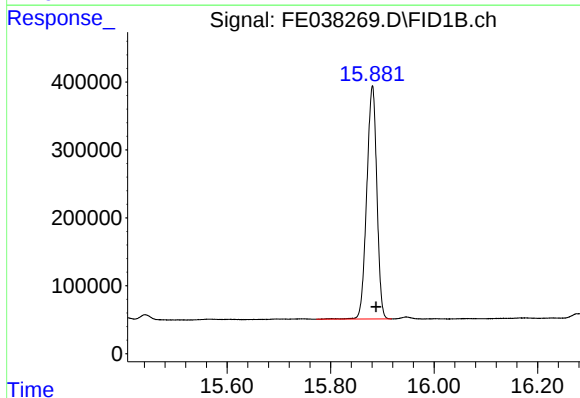
R.T.: 13.767 min
Delta R.T.: -0.013 min
Response: 4882018
Conc: 29.66 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-SOILPILE-1020MSD



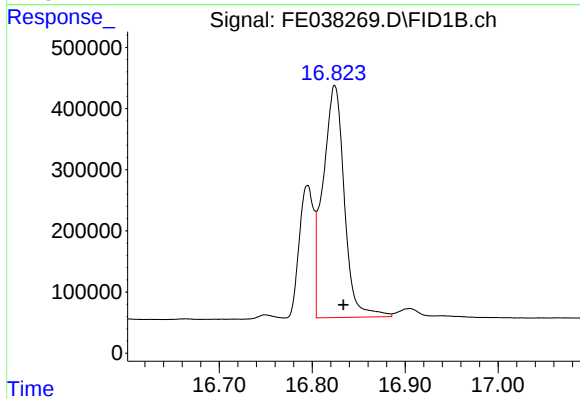
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.010 min
Response: 9841945
Conc: 60.01 ug/ml



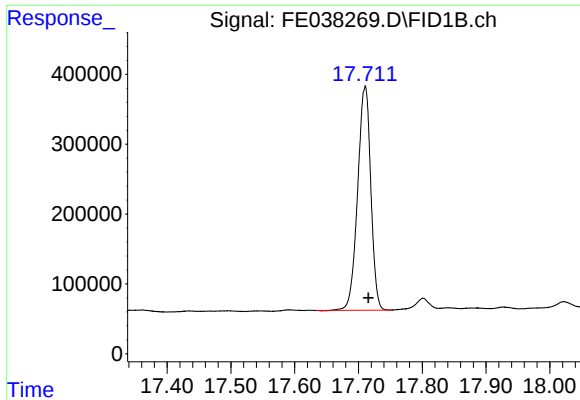
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.007 min
Response: 4647385
Conc: 28.50 ug/ml



#16 n-Octacosane (C28)

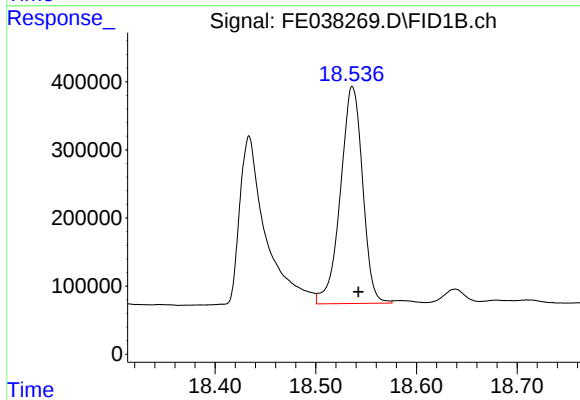
R.T.: 16.824 min
Delta R.T.: -0.009 min
Response: 6069545
Conc: 37.89 ug/ml



#17 n-Tricontane (C30)

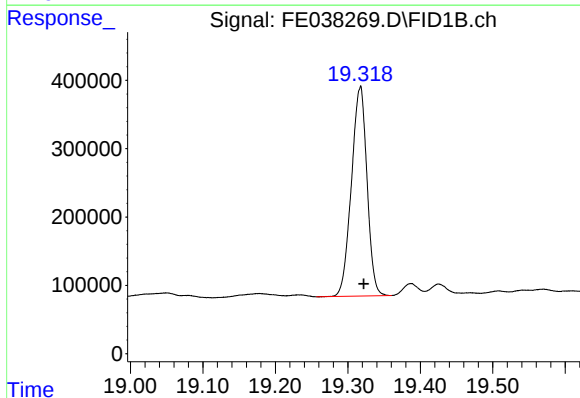
R.T.: 17.711 min
Delta R.T.: -0.005 min
Response: 4589512
Conc: 28.68 ug/ml

Instrument :
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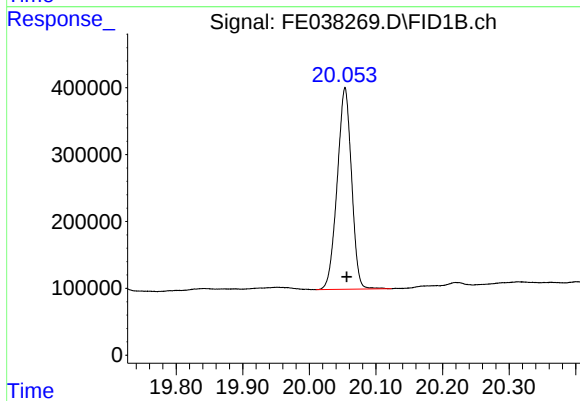
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: -0.006 min
Response: 4876118
Conc: 30.97 ug/ml



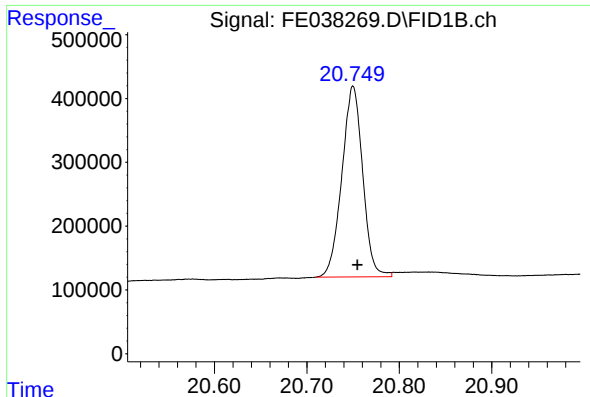
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 4585909
Conc: 30.95 ug/ml



#20 n-Hexatriacontane (C36)

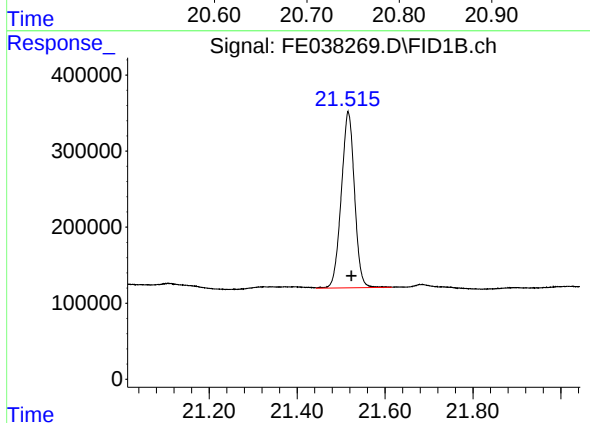
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 4506673
Conc: 31.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.005 min
Response: 4679631
Conc: 34.48 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-SOILPILE-1020MSD



#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.007 min
Response: 4835851
Conc: 37.99 ug/ml