

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049835.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 13:43
 Operator : YP/AJ
 Sample : Q3301-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOILMSD

Integration File: autoint1.e
 Quant Time: Oct 09 06:29:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.711	14547332	122.437 ug/ml
Spiked Amount 50.000		Recovery =	244.87%
6) S 2-Fluorobiphenyl (SURR)	8.579	13484309	158.825 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	317.65%#
11) S ortho-Terphenyl (SURR)	11.625	18069382	121.040 ug/ml
Spiked Amount 50.000		Recovery =	242.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	5160258	45.408 ug/ml
2) T Naphthalene (C11.7)	6.040	8977937	68.048 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	23263706	168.136 ug/ml
5) T Acenaphthylene (C15.06)	8.385	26944116	184.418 ug/ml
7) T Acenaphthene (C15.5)	8.645	6730593	46.223 ug/ml
8) T Fluorene (C16.55)	9.469	27350928	187.288 ug/ml
9) T Phenanthrene (C19.36)	10.827	9590591	65.608 ug/ml
10) T Anthracene (C19.43)	10.902	5167599	38.027 ug/ml
12) T Fluoranthene (C21.85)	12.685	21951939	154.086 ug/ml
13) T Pyrene (C20.8)	12.982	19684254	140.026 ug/ml
14) T Benzo[a]anthracene (C...	14.848	13314534	105.866 ug/ml
15) T Chrysene (C27.41)	14.848	13314534	103.639 ug/ml
16) T benzo[b]fluoranthene ...	16.399	12267499	98.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	12267499	104.435 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.780	11510780	94.849 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.147	12309190	109.474 ug/ml
20) T Dibenz[a,h]anthracene...	18.147	12309190	100.682 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	11358658	94.968 ug/ml

(f)=RT Delta > 1/2 Window

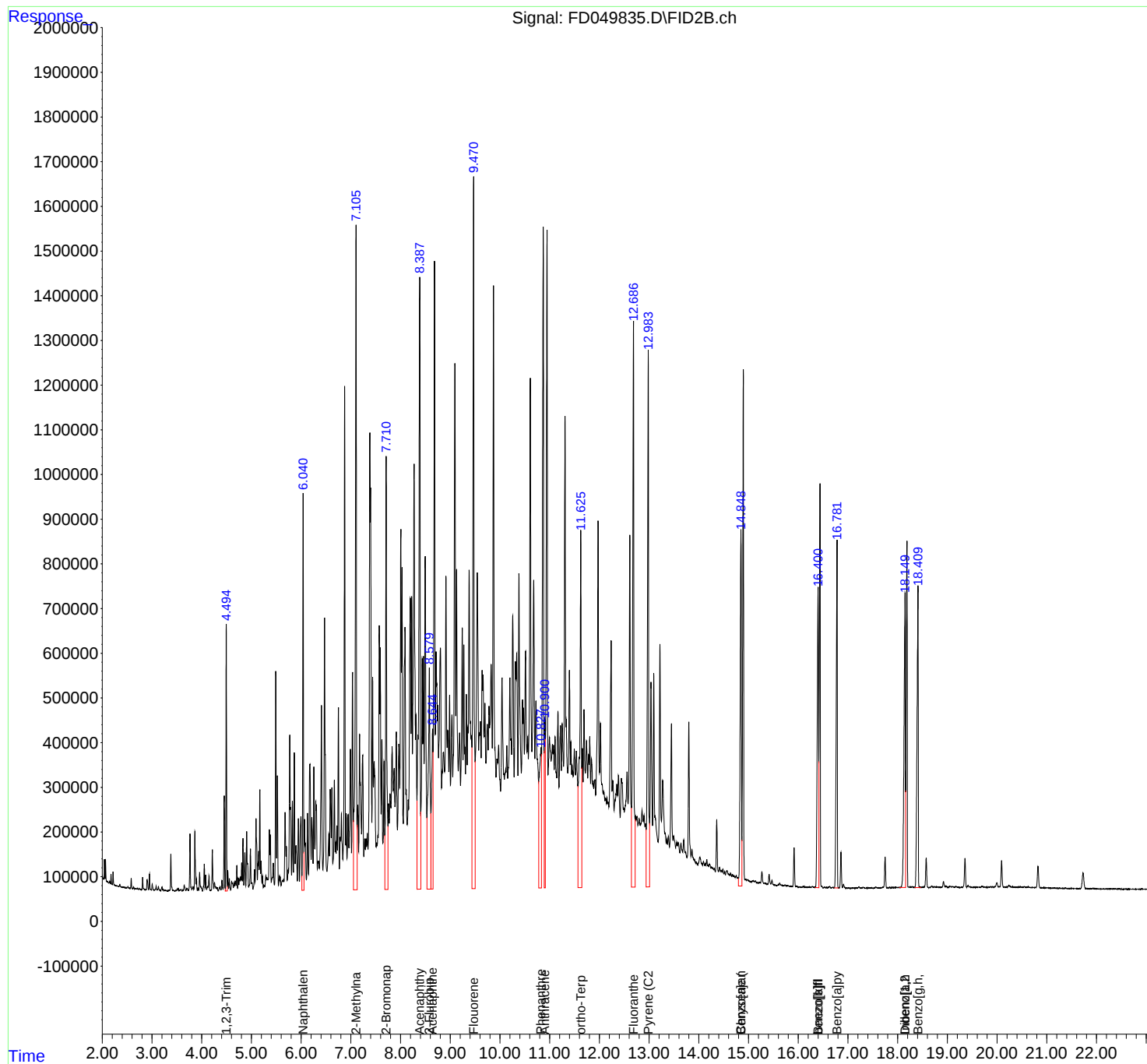
(m)=manual int.

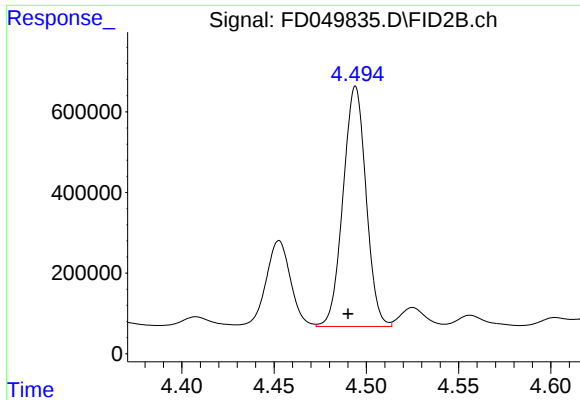
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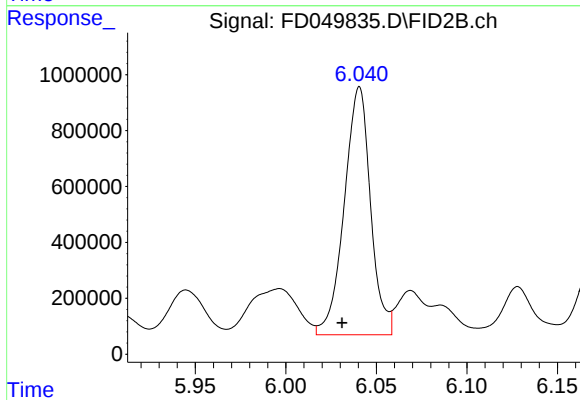




#1 1,2,3-Trimethylbenzene (C10.1)

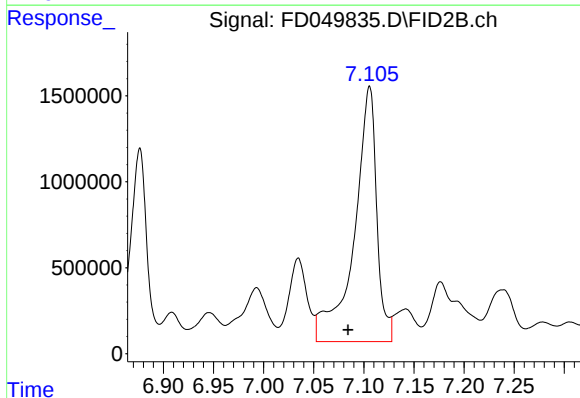
R.T.: 4.494 min
Delta R.T.: 0.004 min
Response: 5160258
Conc: 45.41 ug/ml

Instrument :
FID_E
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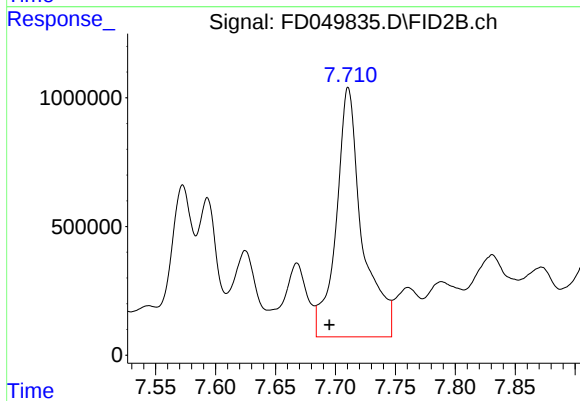
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.009 min
Response: 8977937
Conc: 68.05 ug/ml



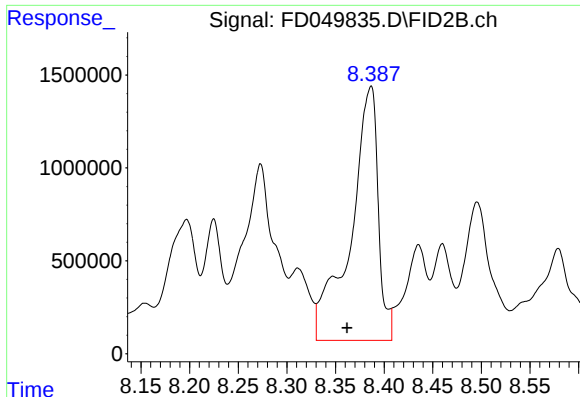
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.021 min
Response: 23263706
Conc: 168.14 ug/ml



#4 2-Bromonaphthalene (SURR)

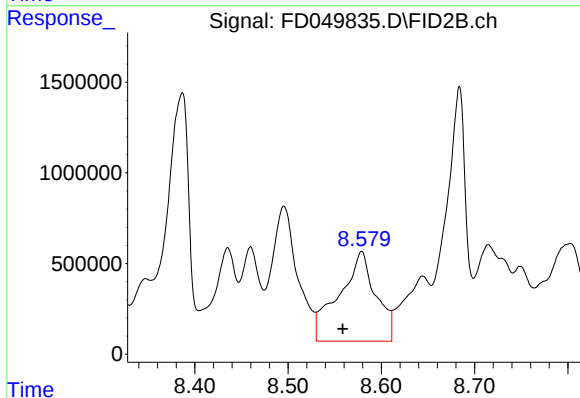
R.T.: 7.711 min
Delta R.T.: 0.016 min
Response: 14547332
Conc: 122.44 ug/ml



#5 Acenaphthylene (C15.06)

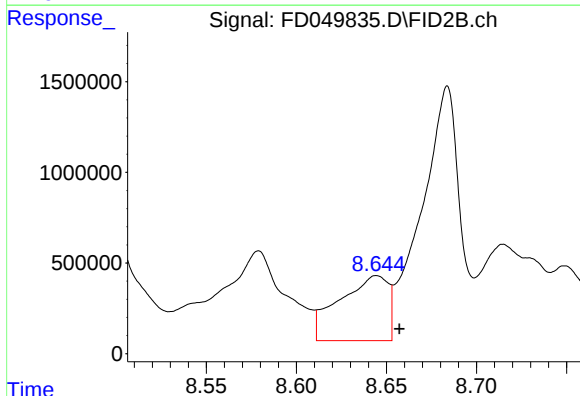
R.T.: 8.385 min
Delta R.T.: 0.024 min
Response: 26944116
Conc: 184.42 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



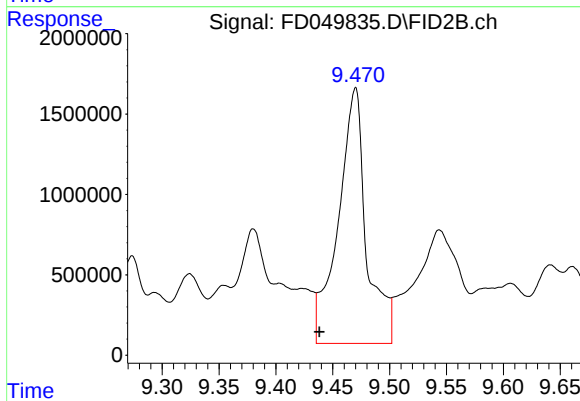
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.020 min
Response: 13484309
Conc: 158.83 ug/ml



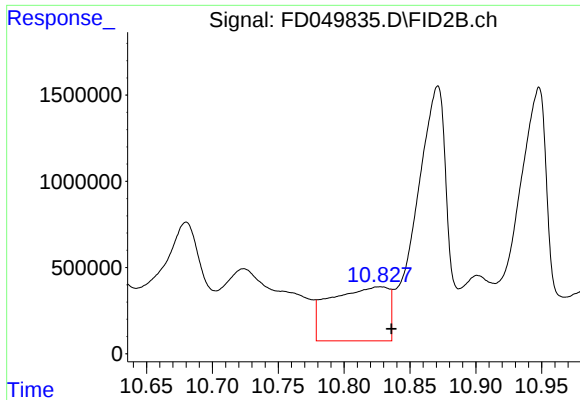
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.012 min
Response: 6730593
Conc: 46.22 ug/ml



#8 Flouorene (C16.55)

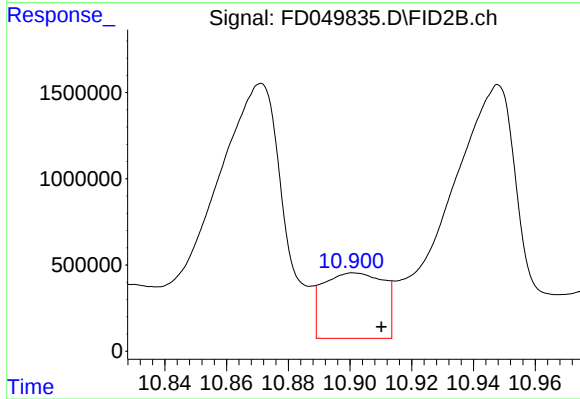
R.T.: 9.469 min
Delta R.T.: 0.031 min
Response: 27350928
Conc: 187.29 ug/ml



#9 Phenanthrene (C19.36)

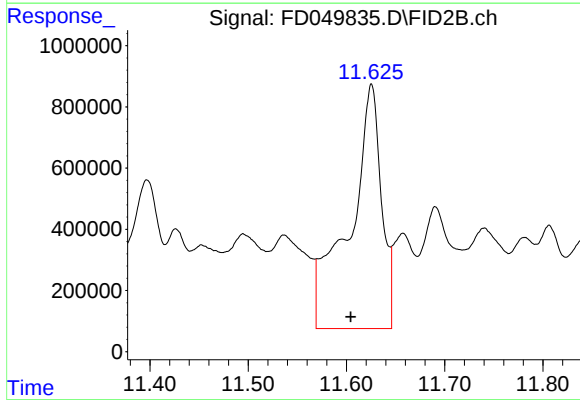
R.T.: 10.827 min
Delta R.T.: -0.008 min
Response: 9590591
Conc: 65.61 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



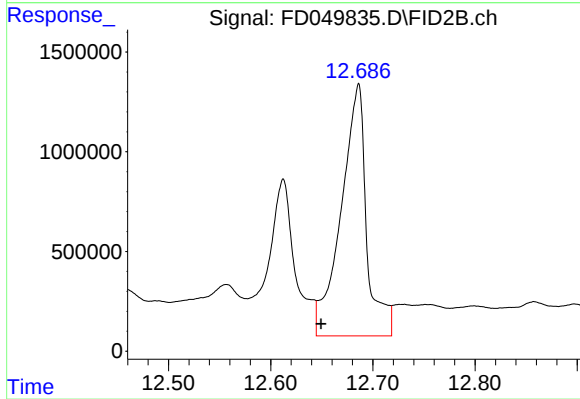
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.009 min
Response: 5167599
Conc: 38.03 ug/ml



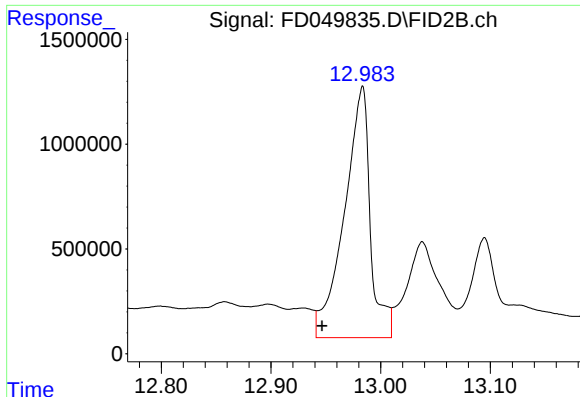
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.021 min
Response: 18069382
Conc: 121.04 ug/ml



#12 Fluoranthene (C21.85)

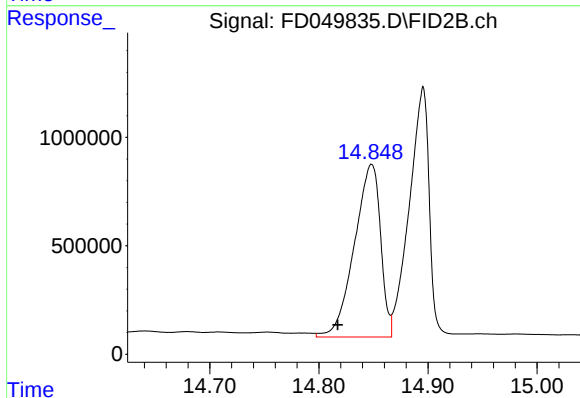
R.T.: 12.685 min
Delta R.T.: 0.036 min
Response: 21951939
Conc: 154.09 ug/ml



#13 Pyrene (C20.8)

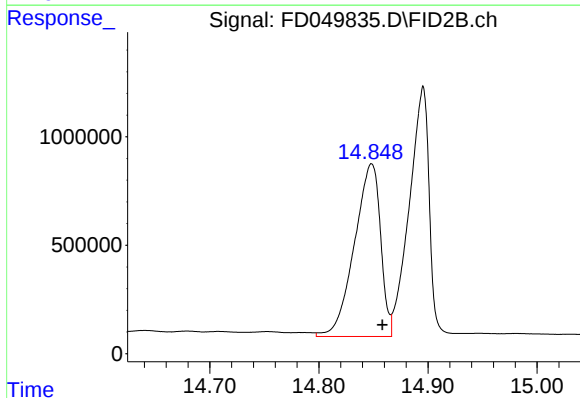
R.T.: 12.982 min
Delta R.T.: 0.036 min
Response: 19684254
Conc: 140.03 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



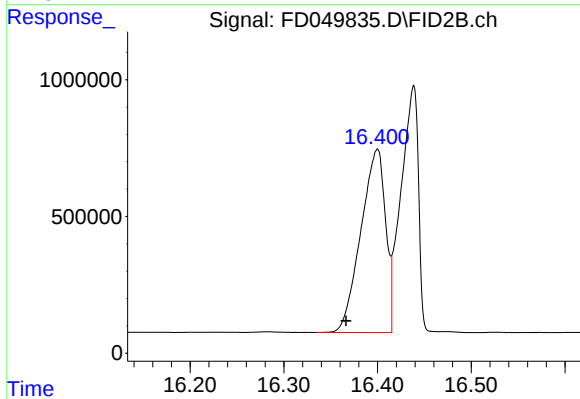
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.031 min
Response: 13314534
Conc: 105.87 ug/ml



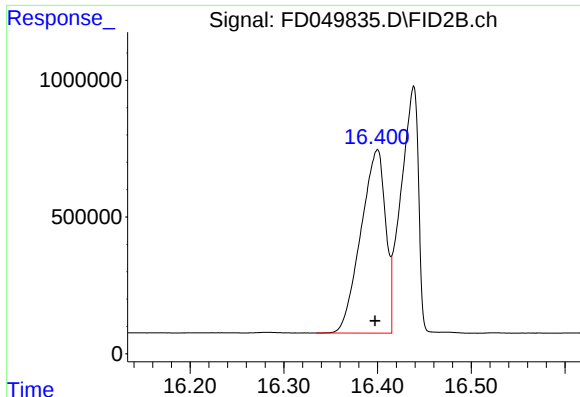
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: -0.010 min
Response: 13314534
Conc: 103.64 ug/ml



#16 benzo[b]fluoranthene (C30.41)

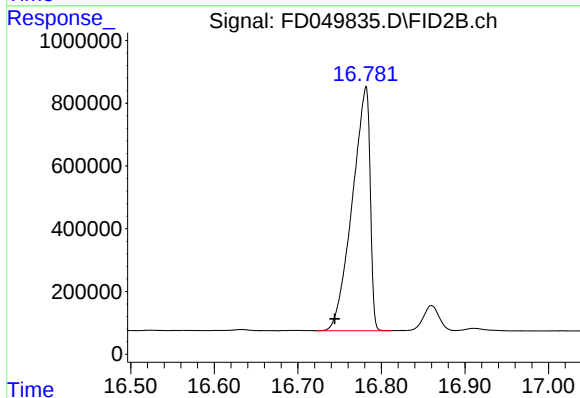
R.T.: 16.399 min
Delta R.T.: 0.033 min
Response: 12267499
Conc: 98.48 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

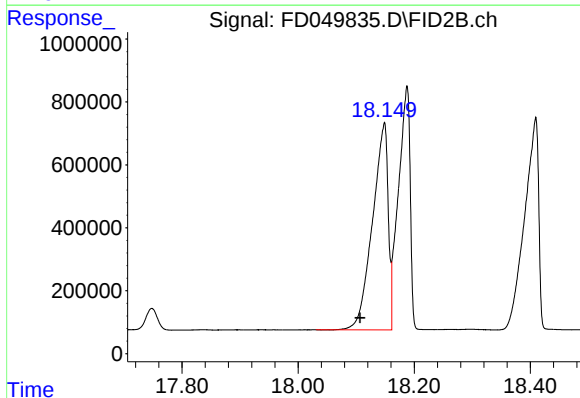
R.T.: 16.399 min
Delta R.T.: 0.002 min
Response: 12267499
Conc: 104.44 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILMSD



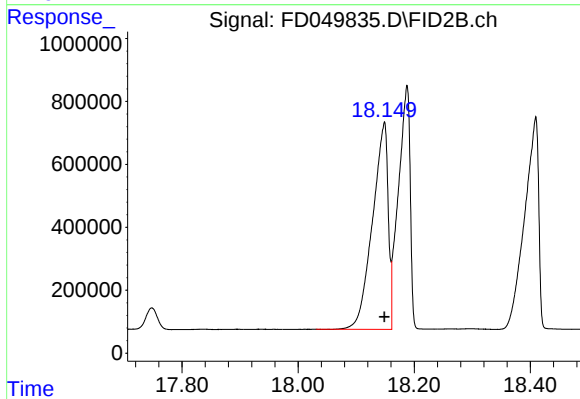
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.780 min
Delta R.T.: 0.036 min
Response: 11510780
Conc: 94.85 ug/ml



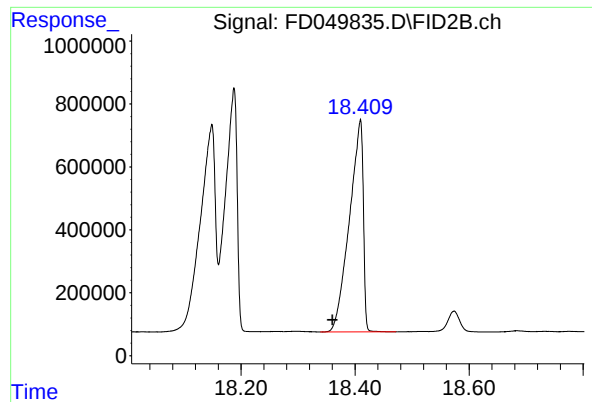
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.147 min
Delta R.T.: 0.040 min
Response: 12309190
Conc: 109.47 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.147 min
Delta R.T.: -0.001 min
Response: 12309190
Conc: 100.68 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.408 min
Delta R.T.: 0.048 min
Response: 11358658
Conc: 94.97 ug/ml

Instrument :

FID_E

ClientSampleId :

SOILMSD