

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046842.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 19:24
 Operator : YP/AJ
 Sample : 05251-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 07 22:03:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.484	6903667	37.854 ug/ml
Spiked Amount 50.000		Recovery =	75.71%
6) S 2-Fluorobiphenyl (SURR)	8.336	3703851	31.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.95%
11) S ortho-Terphenyl (SURR)	11.374	6500624	30.699 ug/ml
Spiked Amount 50.000		Recovery =	61.40%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	74775	0.372 ug/ml
7) T Acenaphthene (C15.5)	8.435	30279	0.155 ug/ml
8) T Flouorene (C16.55)	9.225	41327	0.223 ug/ml
9) T Phenanthrene (C19.36)	10.603	221724	1.246 ug/ml
10) T Anthracene (C19.43)	10.683	44326	0.260 ug/ml
12) T Fluoranthene (C21.85)	12.403	386437	2.237 ug/ml
13) T Pyrene (C20.8)	12.696	310505	1.867 ug/ml
14) T Benzo[a]anthracene (C...	14.562	149225	1.061 ug/ml
15) T Chrysene (C27.41)	14.602	231383	1.484 ug/ml
16) T benzo[b]fluoranthene ...	16.104	206903	1.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	118774	0.811 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	176562	1.260 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	298304	2.361 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	345149	2.471 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	183274	1.313 ug/ml

(f)=RT Delta > 1/2 Window

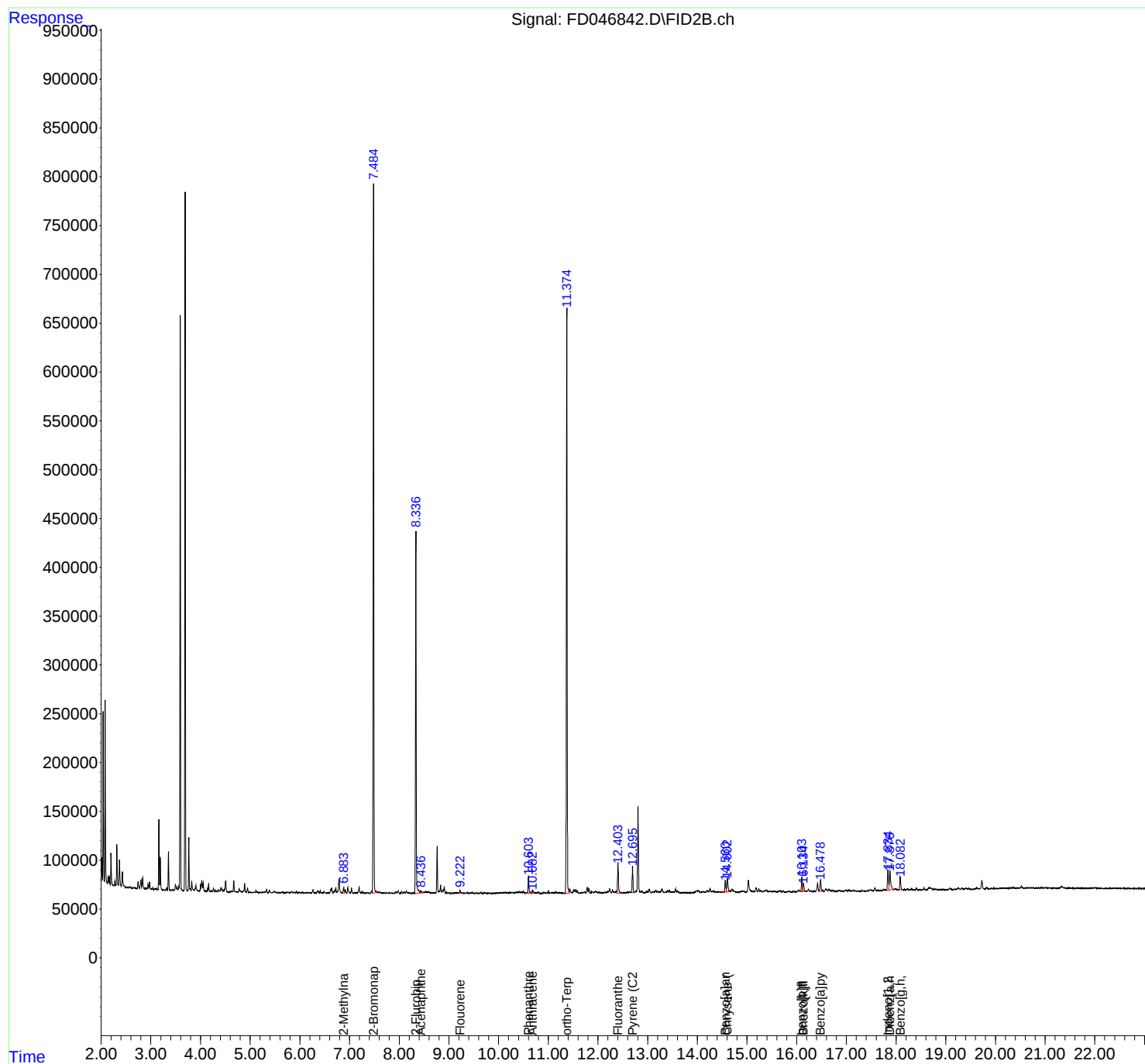
(m)=manual int.

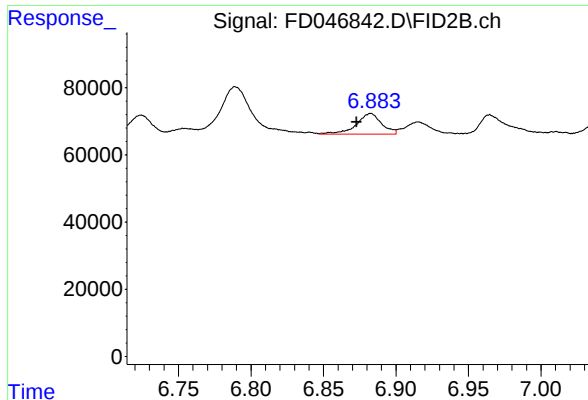
```
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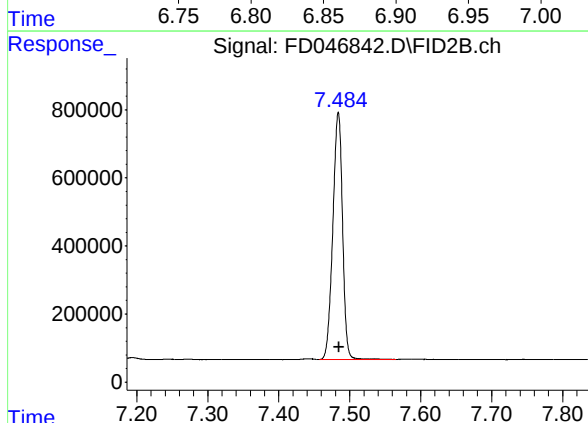




#3 2-Methylnaphthalene (C12.89)

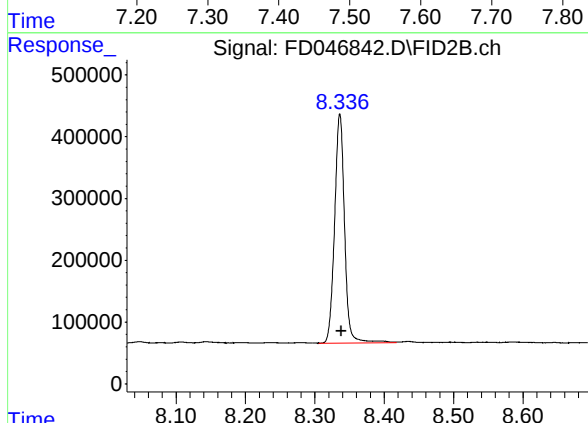
R.T.: 6.882 min
Delta R.T.: 0.010 min
Response: 74775
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



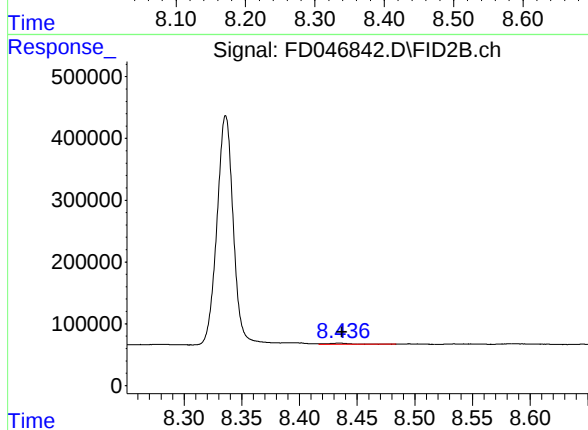
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 6903667
Conc: 37.85 ug/ml



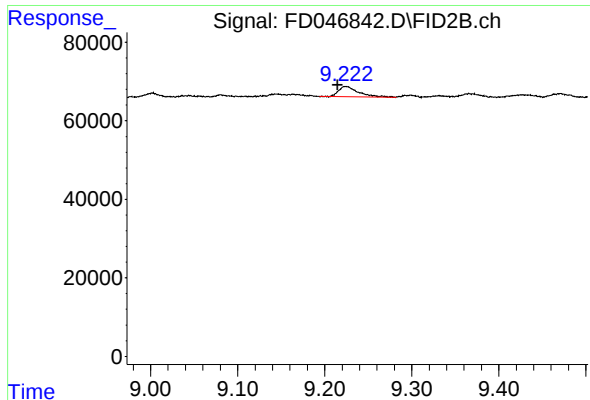
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 3703851
Conc: 31.47 ug/ml



#7 Acenaphthene (C15.5)

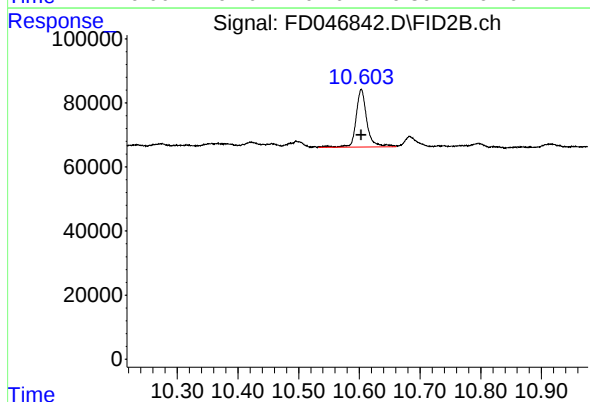
R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 30279
Conc: 0.15 ug/ml



#8 Flouorene (C16.55)

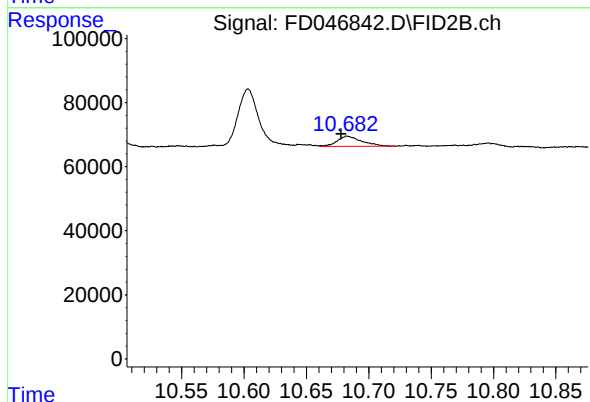
R.T.: 9.225 min
Delta R.T.: 0.010 min
Response: 41327
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



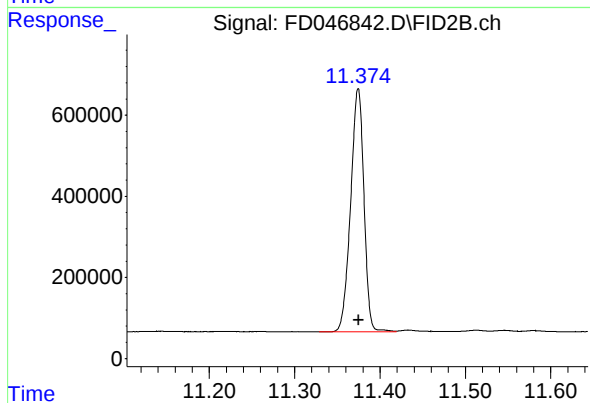
#9 Phenanthrene (C19.36)

R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 221724
Conc: 1.25 ug/ml



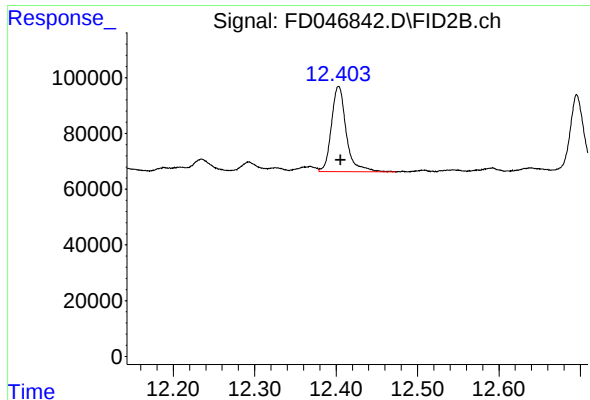
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.006 min
Response: 44326
Conc: 0.26 ug/ml



#11 ortho-Terphenyl (SURR)

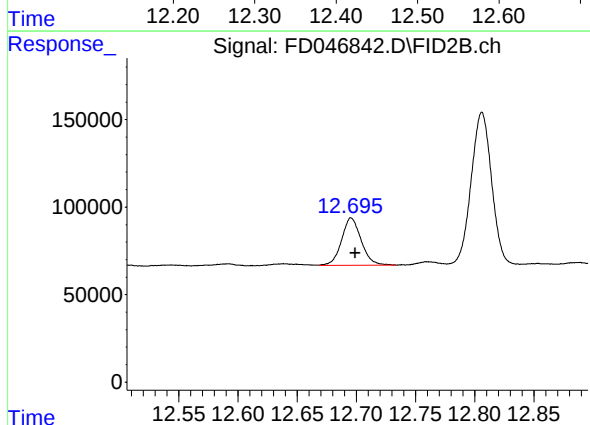
R.T.: 11.374 min
Delta R.T.: 0.000 min
Response: 6500624
Conc: 30.70 ug/ml



#12 Fluoranthene (C21.85)

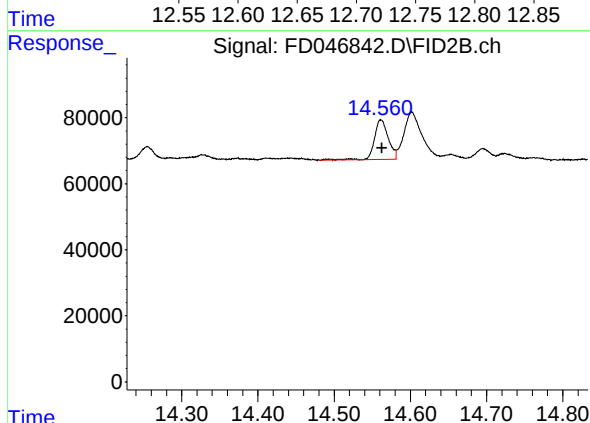
R.T.: 12.403 min
Delta R.T.: -0.003 min
Response: 386437
Conc: 2.24 ug/ml

Instrument :
FID_D
ClientSampleId :



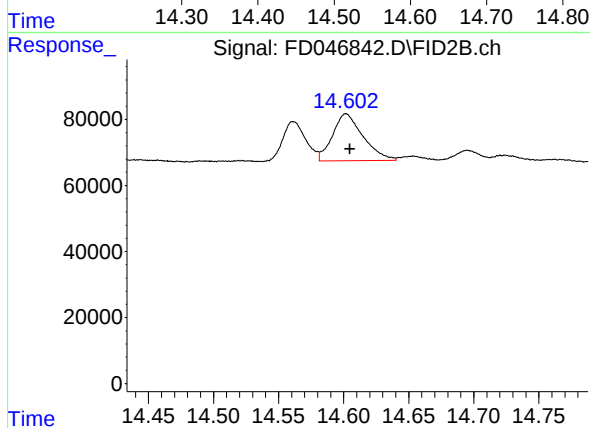
#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 310505
Conc: 1.87 ug/ml



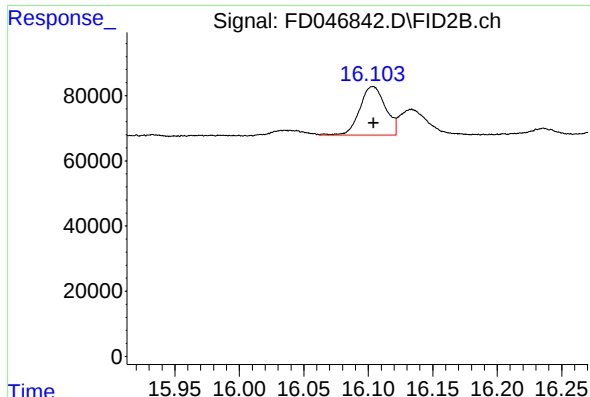
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: -0.001 min
Response: 149225
Conc: 1.06 ug/ml



#15 Chrysene (C27.41)

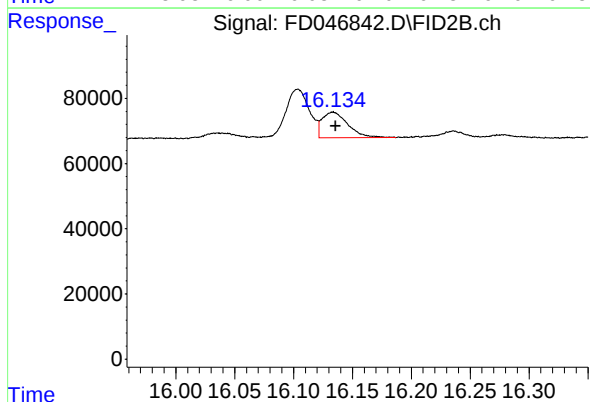
R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 231383
Conc: 1.48 ug/ml



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

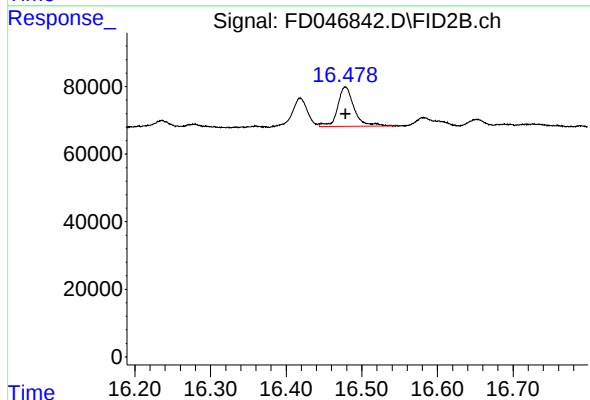
R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 206903
Conc: 1.45 ug/ml

Instrument :
FID_D
ClientSampleId :



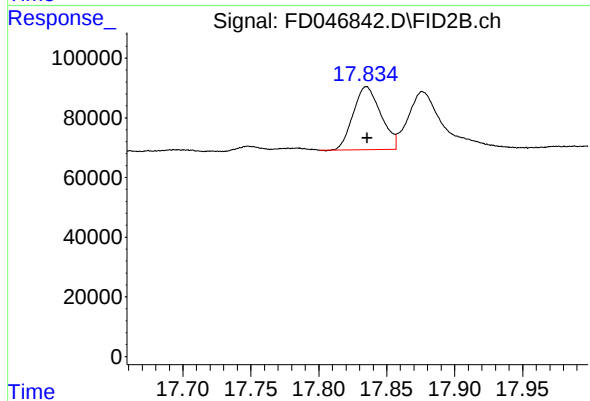
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.133 min
Delta R.T.: -0.002 min
Response: 118774
Conc: 0.81 ug/ml



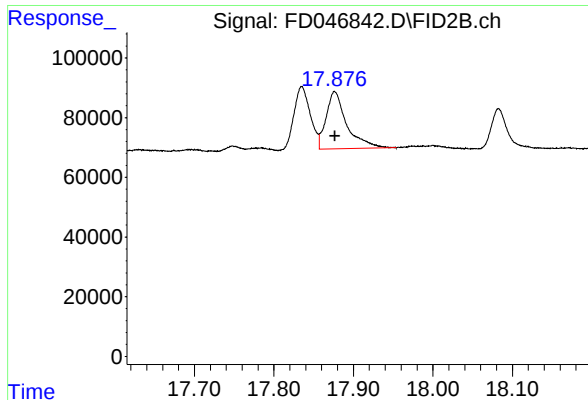
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.000 min
Response: 176562
Conc: 1.26 ug/ml



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

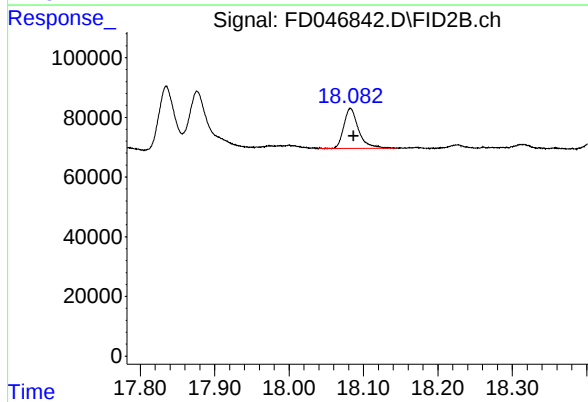
R.T.: 17.835 min
Delta R.T.: 0.000 min
Response: 298304
Conc: 2.36 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.000 min
Response: 345149
Conc: 2.47 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 183274
Conc: 1.31 ug/ml