

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045257.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 01:48
 Operator : YP/AJ
 Sample : 01828-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 03:09:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.555	10529833	77.592 ug/ml
Spiked Amount 50.000		Recovery =	155.18%
6) S 2-Fluorobiphenyl (SURR)	8.411	6741145	75.291 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	150.58%#
11) S ortho-Terphenyl (SURR)	11.451	9498739	57.065 ug/ml
Spiked Amount 50.000		Recovery =	114.13%
Target Compounds			
2) T Naphthalene (C11.7)	5.891	32582	0.206 ug/ml
5) T Acenaphthylene (C15.06)	8.169	53883	0.376 ug/ml
7) T Acenaphthene (C15.5)	8.465	47628	0.314 ug/ml
9) T Phenanthrene (C19.36)	10.672	158911	1.113 ug/ml
10) T Anthracene (C19.43)	10.746	59218	0.423 ug/ml
12) T Fluoranthene (C21.85)	12.476	285828	2.046 ug/ml
13) T Pyrene (C20.8)	12.771	207964	1.527 ug/ml
14) T Benzo[a]anthracene (C...	14.634	108827	0.854 ug/ml
15) T Chrysene (C27.41)	14.675	154144	1.183 ug/ml
16) T benzo[b]fluoranthene ...	16.176	178045	1.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	73753	0.584 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	105942	0.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	188082	1.572 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	101627	0.843 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	83002	0.667 ug/ml

(f)=RT Delta > 1/2 Window

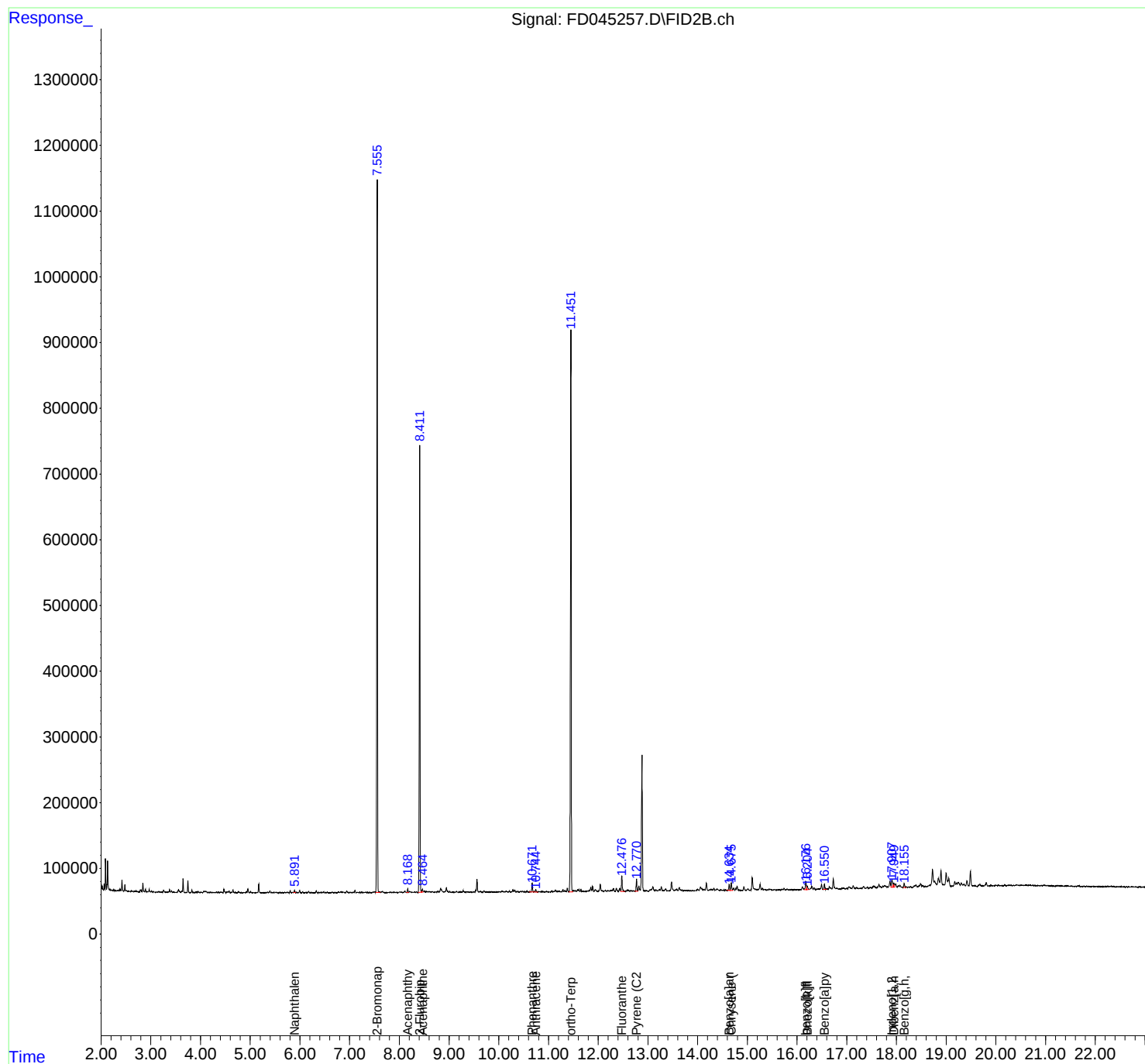
(m)=manual int.

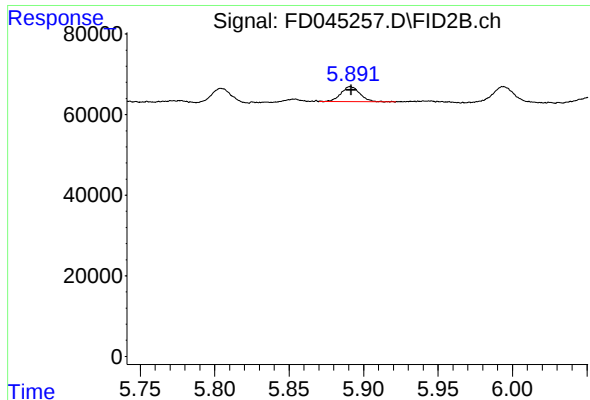
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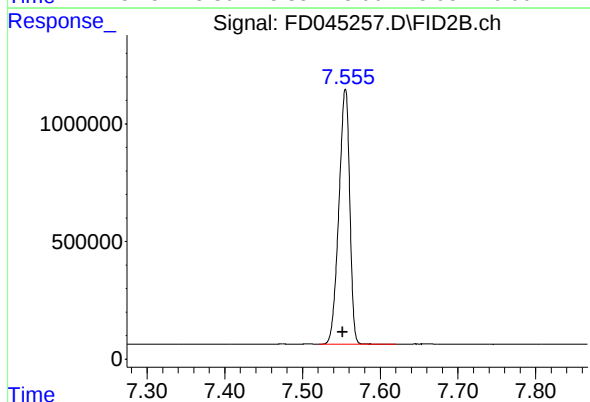




#2 Naphthalene (C11.7)

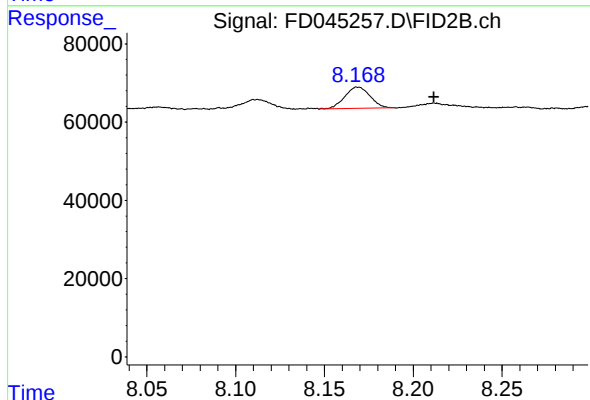
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 32582
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



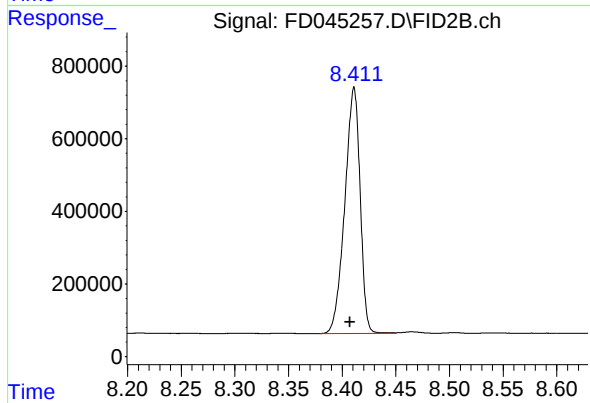
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: 0.003 min
Response: 10529833
Conc: 77.59 ug/ml



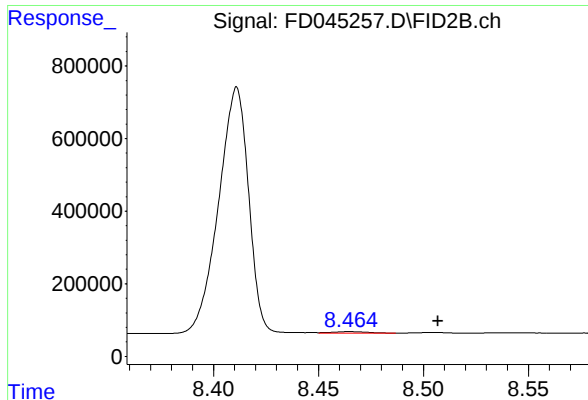
#5 Acenaphthylene (C15.06)

R.T.: 8.169 min
Delta R.T.: -0.043 min
Response: 53883
Conc: 0.38 ug/ml



#6 2-Fluorobiphenyl (SURR)

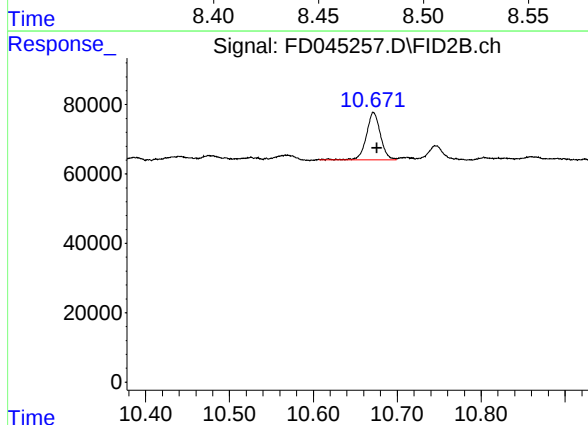
R.T.: 8.411 min
Delta R.T.: 0.003 min
Response: 6741145
Conc: 75.29 ug/ml



#7 Acenaphthene (C15.5)

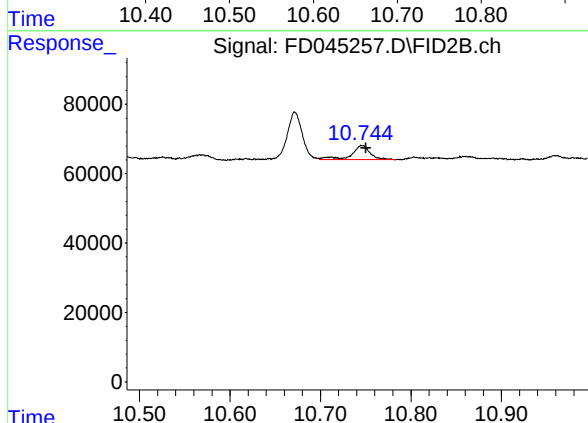
R.T.: 8.465 min
Delta R.T.: -0.042 min
Response: 47628
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



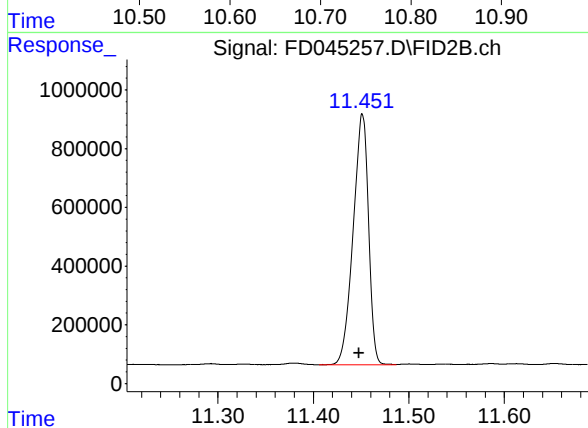
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.004 min
Response: 158911
Conc: 1.11 ug/ml



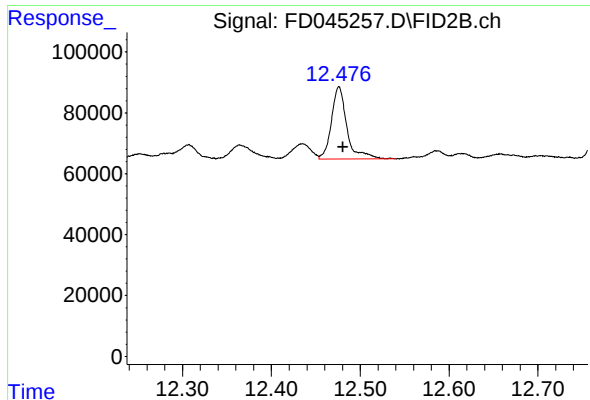
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: -0.004 min
Response: 59218
Conc: 0.42 ug/ml



#11 ortho-Terphenyl (SURR)

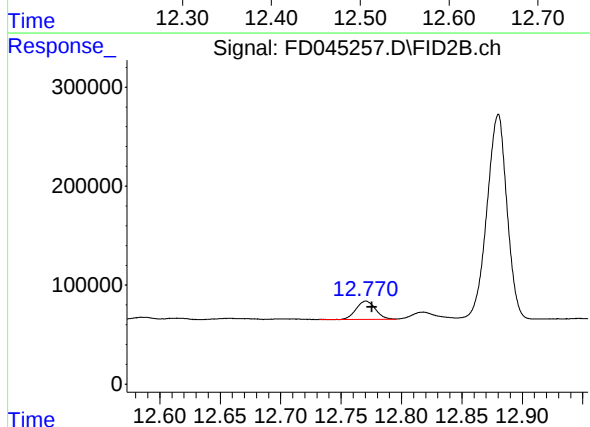
R.T.: 11.451 min
Delta R.T.: 0.003 min
Response: 9498739
Conc: 57.07 ug/ml



#12 Fluoranthene (C21.85)

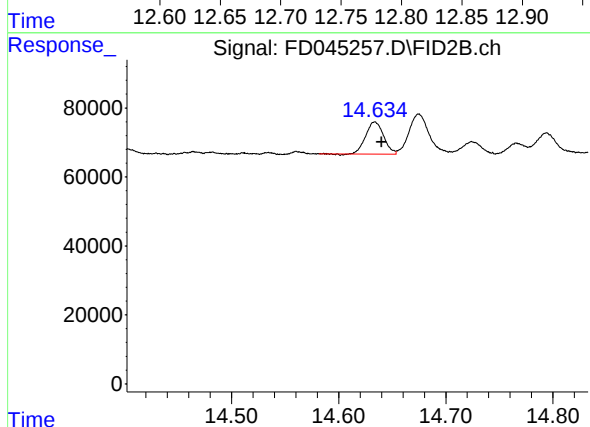
R.T.: 12.476 min
Delta R.T.: -0.005 min
Response: 285828
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :



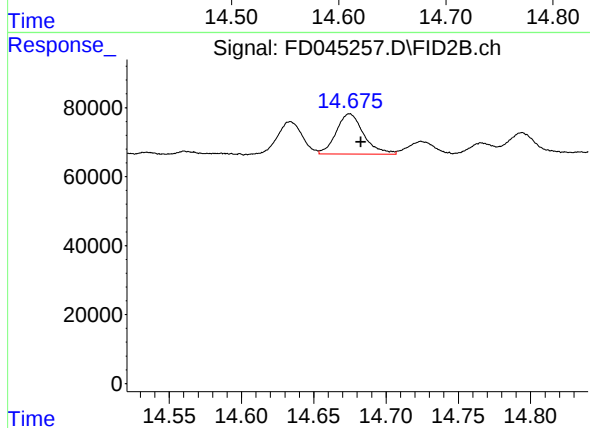
#13 Pyrene (C20.8)

R.T.: 12.771 min
Delta R.T.: -0.005 min
Response: 207964
Conc: 1.53 ug/ml



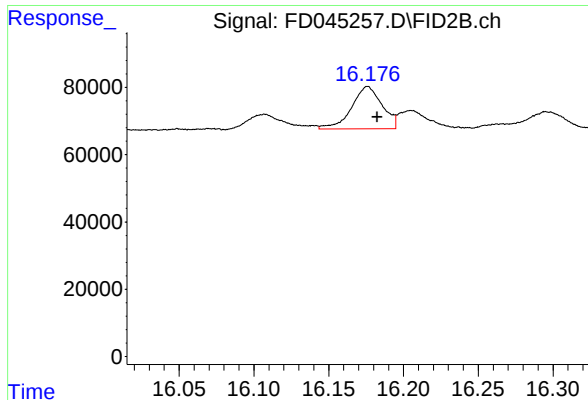
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.006 min
Response: 108827
Conc: 0.85 ug/ml



#15 Chrysene (C27.41)

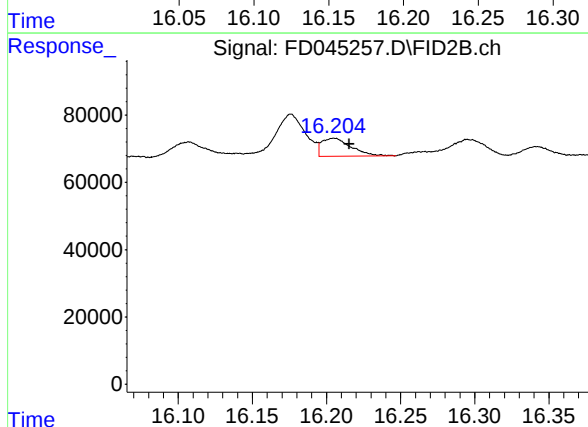
R.T.: 14.675 min
Delta R.T.: -0.008 min
Response: 154144
Conc: 1.18 ug/ml



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

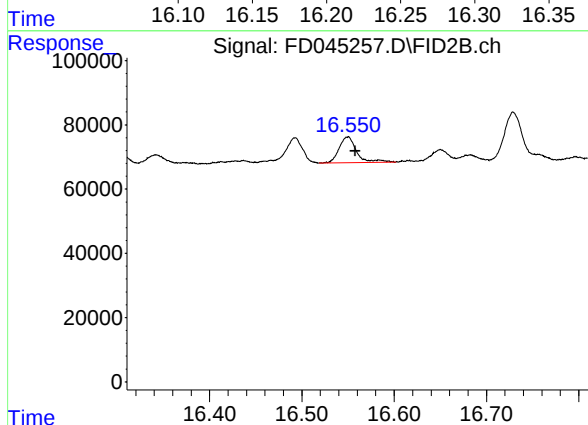
R.T.: 16.176 min
Delta R.T.: -0.007 min
Response: 178045
Conc: 1.38 ug/ml

Instrument :
FID_D
ClientSampleId :



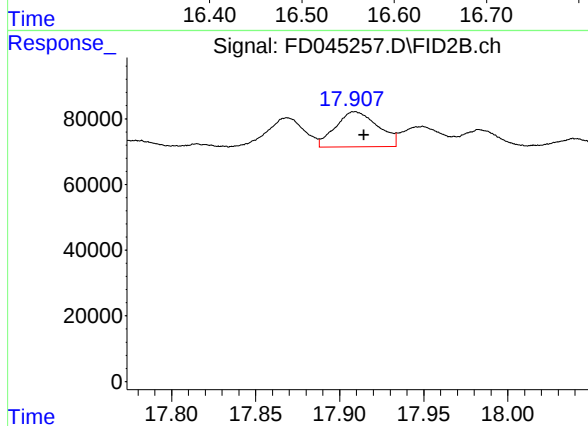
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.205 min
Delta R.T.: -0.011 min
Response: 73753
Conc: 0.58 ug/ml



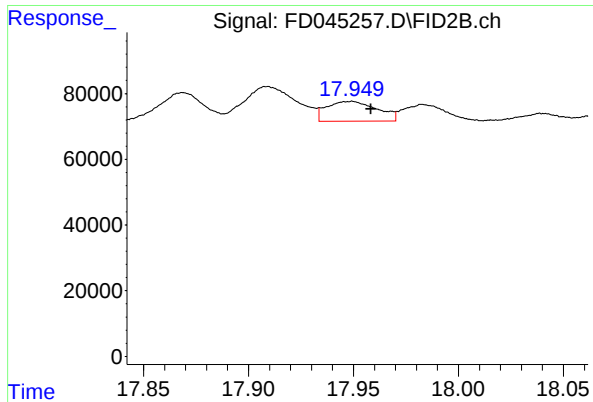
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: -0.008 min
Response: 105942
Conc: 0.84 ug/ml



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

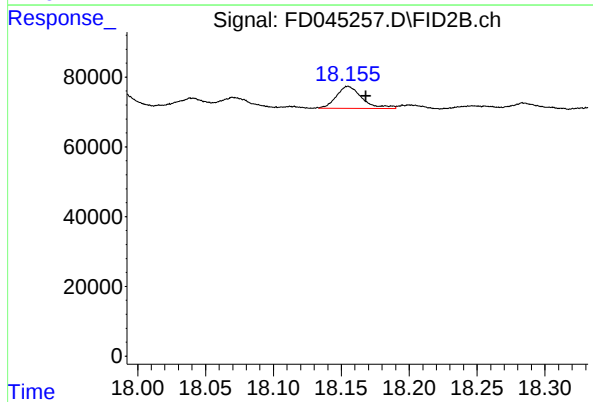
R.T.: 17.909 min
Delta R.T.: -0.005 min
Response: 188082
Conc: 1.57 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.010 min
Response: 101627
Conc: 0.84 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.155 min
Delta R.T.: -0.013 min
Response: 83002
Conc: 0.67 ug/ml