

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047973.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 17:02
 Operator : YP/AJ
 Sample : P3141-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 03 04:57:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.415	9342637	64.241 ug/ml
Spiked Amount 50.000		Recovery =	128.48%
6) S 2-Fluorobiphenyl (SURR)	8.266	6200867	63.659 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.32%
11) S ortho-Terphenyl (SURR)	11.302	5470563	32.553 ug/ml
Spiked Amount 50.000		Recovery =	65.11%
Target Compounds			
2) T Naphthalene (C11.7)	5.766	69690	0.412 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	38991	0.226 ug/ml
7) T Acenaphthene (C15.5)	8.363	82909	0.489 ug/ml
8) T Flouorene (C16.55)	9.159	37801	0.228 ug/ml
9) T Phenanthrene (C19.36)	10.537	174035	1.063 ug/ml
10) T Anthracene (C19.43)	10.624	29352	0.180 ug/ml
12) T Fluoranthene (C21.85)	12.339	217758	1.322 ug/ml
13) T Pyrene (C20.8)	12.633	188555	1.156 ug/ml
14) T Benzo[a]anthracene (C...	14.511	71306	0.465 ug/ml
15) T Chrysene (C27.41)	14.549	110880	0.678 ug/ml
16) T benzo[b]fluoranthene ...	16.059	109964	0.716 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	127492	0.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	105012	0.689 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.785	256667	1.952 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	79787	0.504 ug/ml
21) T Benzo[g,h,i]perylene ...	18.056	72903	0.485 ug/ml

(f)=RT Delta > 1/2 Window

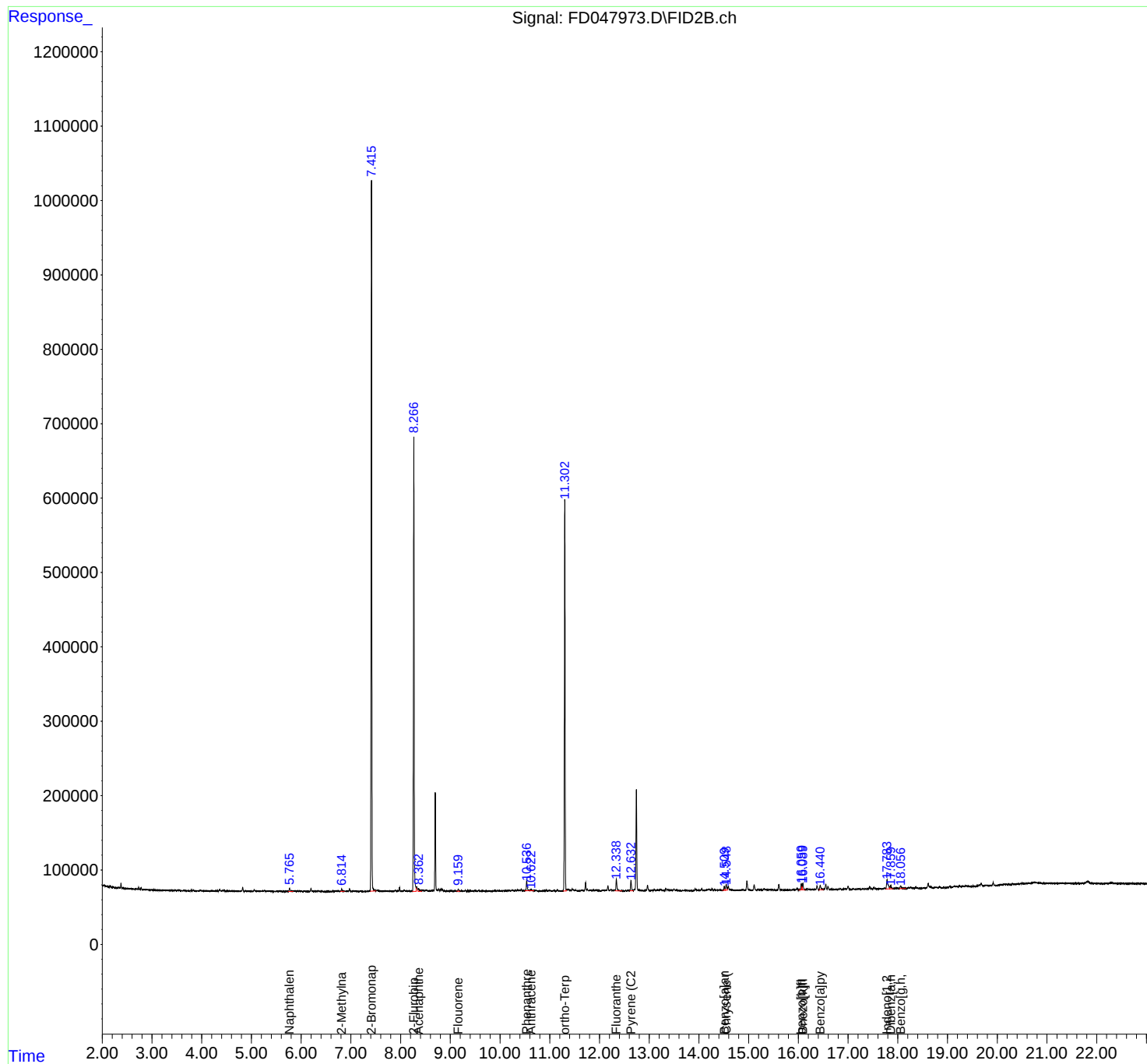
(m)=manual int.

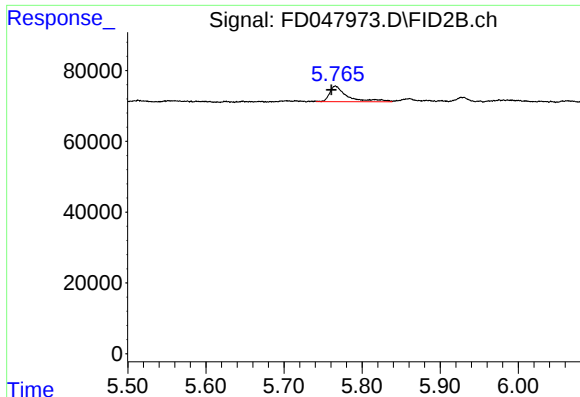
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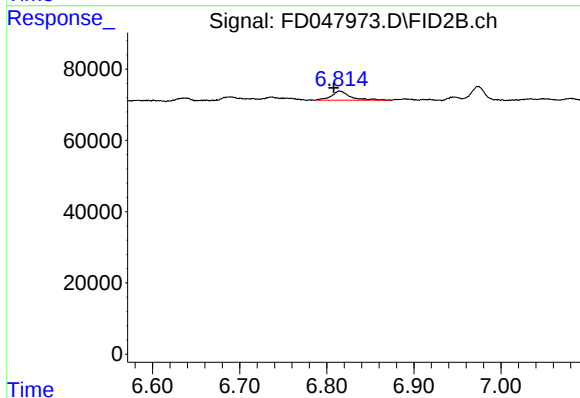




#2 Naphthalene (C11.7)

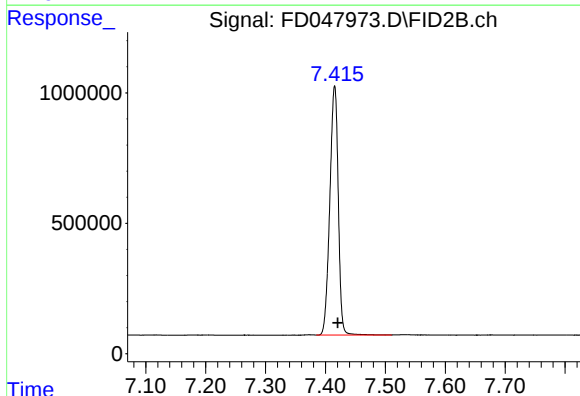
R.T.: 5.766 min
Delta R.T.: 0.005 min
Response: 69690
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



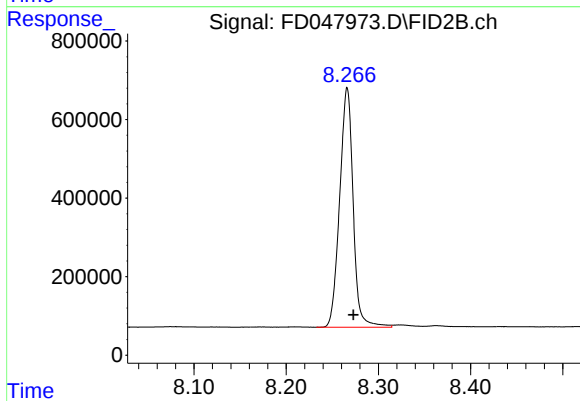
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: 0.007 min
Response: 38991
Conc: 0.23 ug/ml



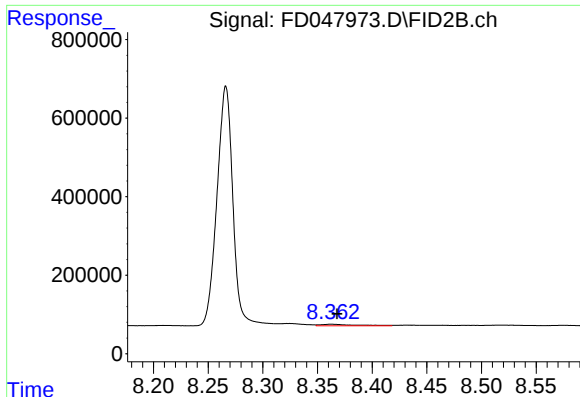
#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.006 min
Response: 9342637
Conc: 64.24 ug/ml



#6 2-Fluorobiphenyl (SURR)

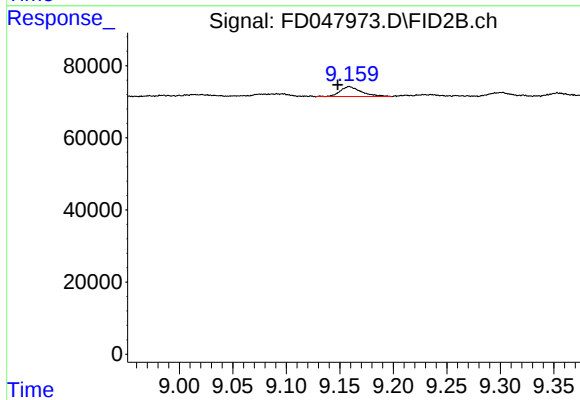
R.T.: 8.266 min
Delta R.T.: -0.007 min
Response: 6200867
Conc: 63.66 ug/ml



#7 Acenaphthene (C15.5)

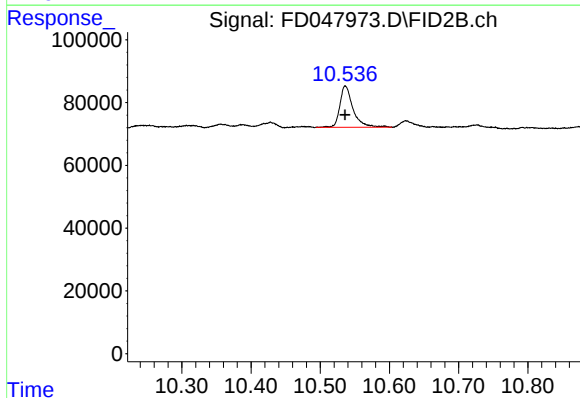
R.T.: 8.363 min
Delta R.T.: -0.005 min
Response: 82909
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



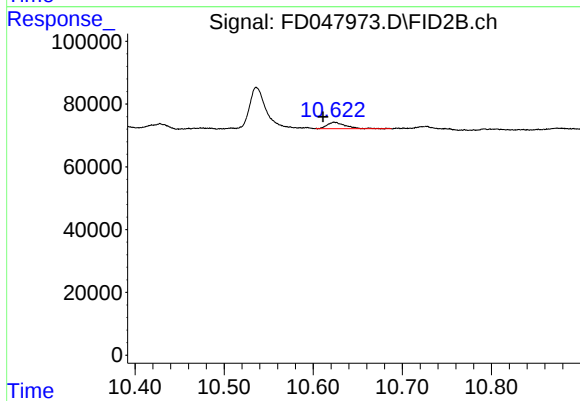
#8 Flouorene (C16.55)

R.T.: 9.159 min
Delta R.T.: 0.011 min
Response: 37801
Conc: 0.23 ug/ml



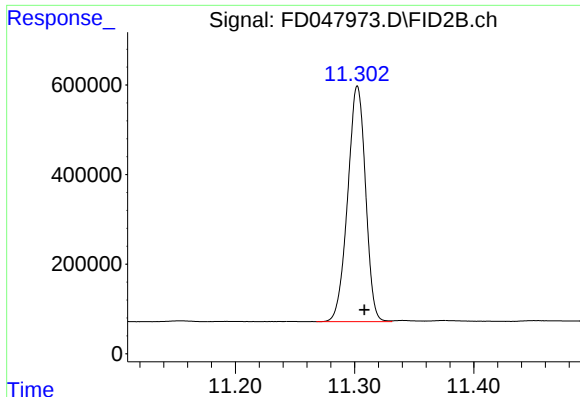
#9 Phenanthrene (C19.36)

R.T.: 10.537 min
Delta R.T.: 0.000 min
Response: 174035
Conc: 1.06 ug/ml



#10 Anthracene (C19.43)

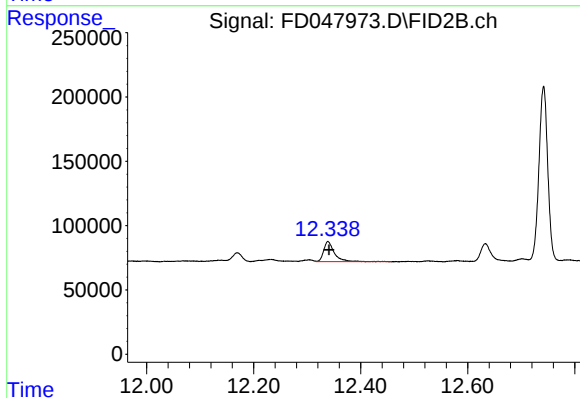
R.T.: 10.624 min
Delta R.T.: 0.013 min
Response: 29352
Conc: 0.18 ug/ml



#11 ortho-Terphenyl (SURR)

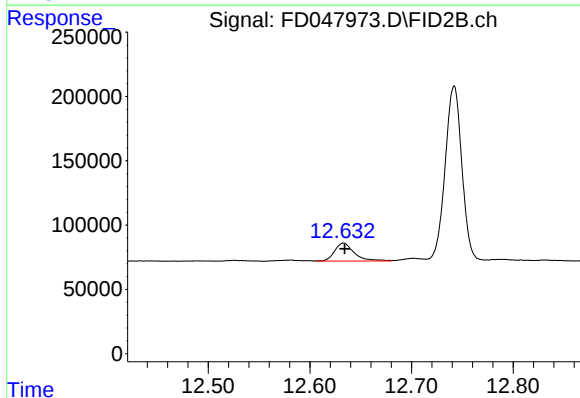
R.T.: 11.302 min
Delta R.T.: -0.006 min
Response: 5470563
Conc: 32.55 ug/ml

Instrument :
FID_D
ClientSampleId :



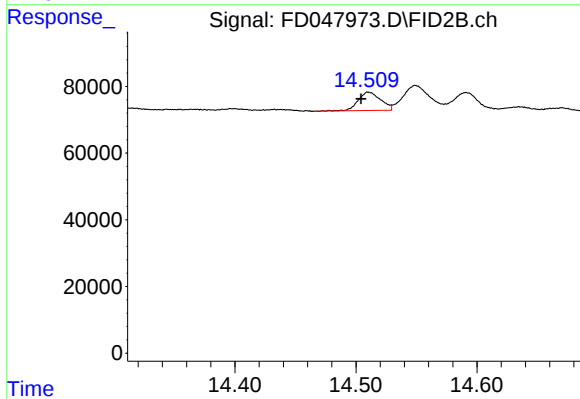
#12 Fluoranthene (C21.85)

R.T.: 12.339 min
Delta R.T.: -0.002 min
Response: 217758
Conc: 1.32 ug/ml



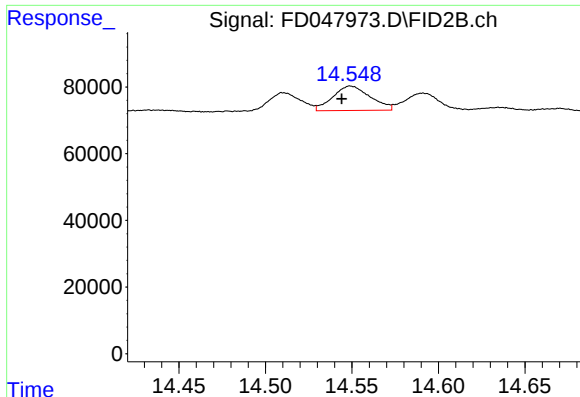
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.001 min
Response: 188555
Conc: 1.16 ug/ml



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

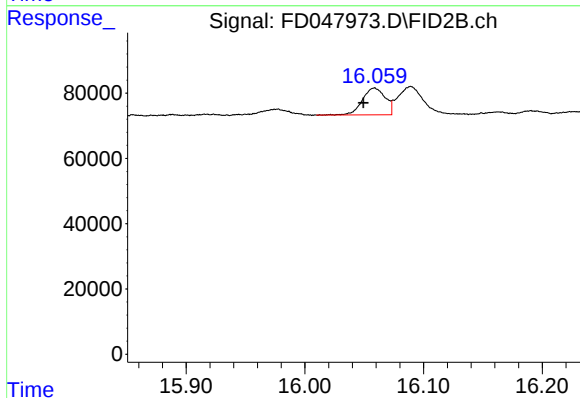
R.T.: 14.511 min
Delta R.T.: 0.007 min
Response: 71306
Conc: 0.46 ug/ml



#15 Chrysene (C27.41)

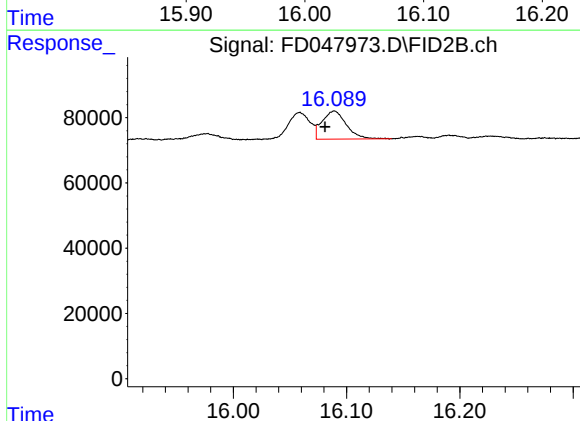
R.T.: 14.549 min
Delta R.T.: 0.005 min
Response: 110880
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



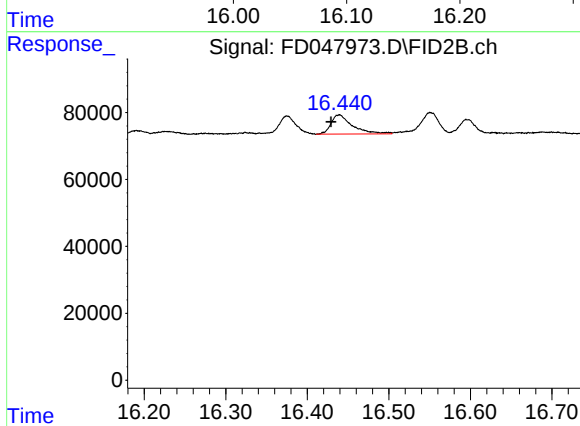
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.059 min
Delta R.T.: 0.009 min
Response: 109964
Conc: 0.72 ug/ml



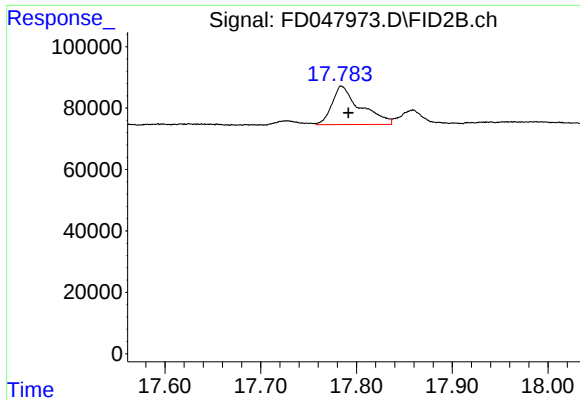
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.089 min
Delta R.T.: 0.008 min
Response: 127492
Conc: 0.85 ug/ml



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

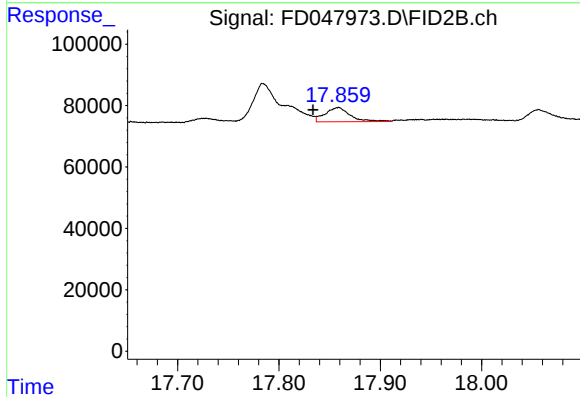
R.T.: 16.439 min
Delta R.T.: 0.010 min
Response: 105012
Conc: 0.69 ug/ml



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

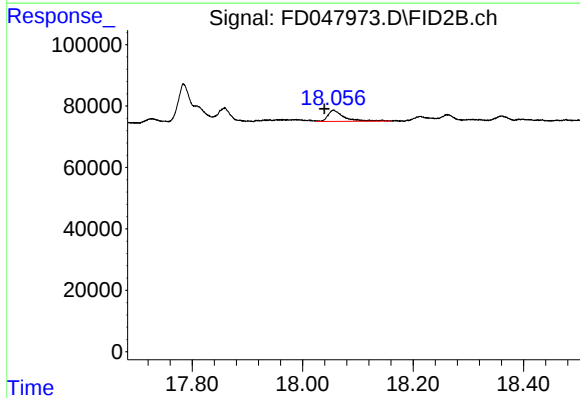
R.T.: 17.785 min
Delta R.T.: -0.006 min
Response: 256667
Conc: 1.95 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.858 min
Delta R.T.: 0.025 min
Response: 79787
Conc: 0.50 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.017 min
Response: 72903
Conc: 0.48 ug/ml