

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045986.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 06:13
 Operator : YP/AJ
 Sample : 03357-32
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 07:26:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.523	9691932	44.974 ug/ml
Spiked Amount 50.000		Recovery =	89.95%
6) S 2-Fluorobiphenyl (SURR)	8.378	6648544	48.038 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.08%
11) S ortho-Terphenyl (SURR)	11.422	30006779	118.360 ug/ml
Spiked Amount 50.000		Recovery =	236.72%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.945	169141	0.671 ug/ml
9) T Phenanthrene (C19.36)	10.635	2036907	9.546 ug/ml
10) T Anthracene (C19.43)	10.732	5081413	31.980 ug/ml
12) T Fluoranthene (C21.85)	12.435	31890711	155.829 ug/ml
13) T Pyrene (C20.8)	12.733	31084675	159.871 ug/ml
14) T Benzo[a]anthracene (C...	14.639	124627664	692.972 ug/ml
15) T Chrysene (C27.41)	14.639	124627664	634.965 ug/ml
16) T benzo[b]fluoranthene ...	16.093	13543548	72.210 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	20860025	105.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	8676946	49.801 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	11856060	63.706 ug/ml
20) T Dibenz[a,h]anthracene...	17.891	11856060	64.486 ug/ml
21) T Benzo[g,h,i]perylene ...	18.143	10117516	54.147 ug/ml

(f)=RT Delta > 1/2 Window

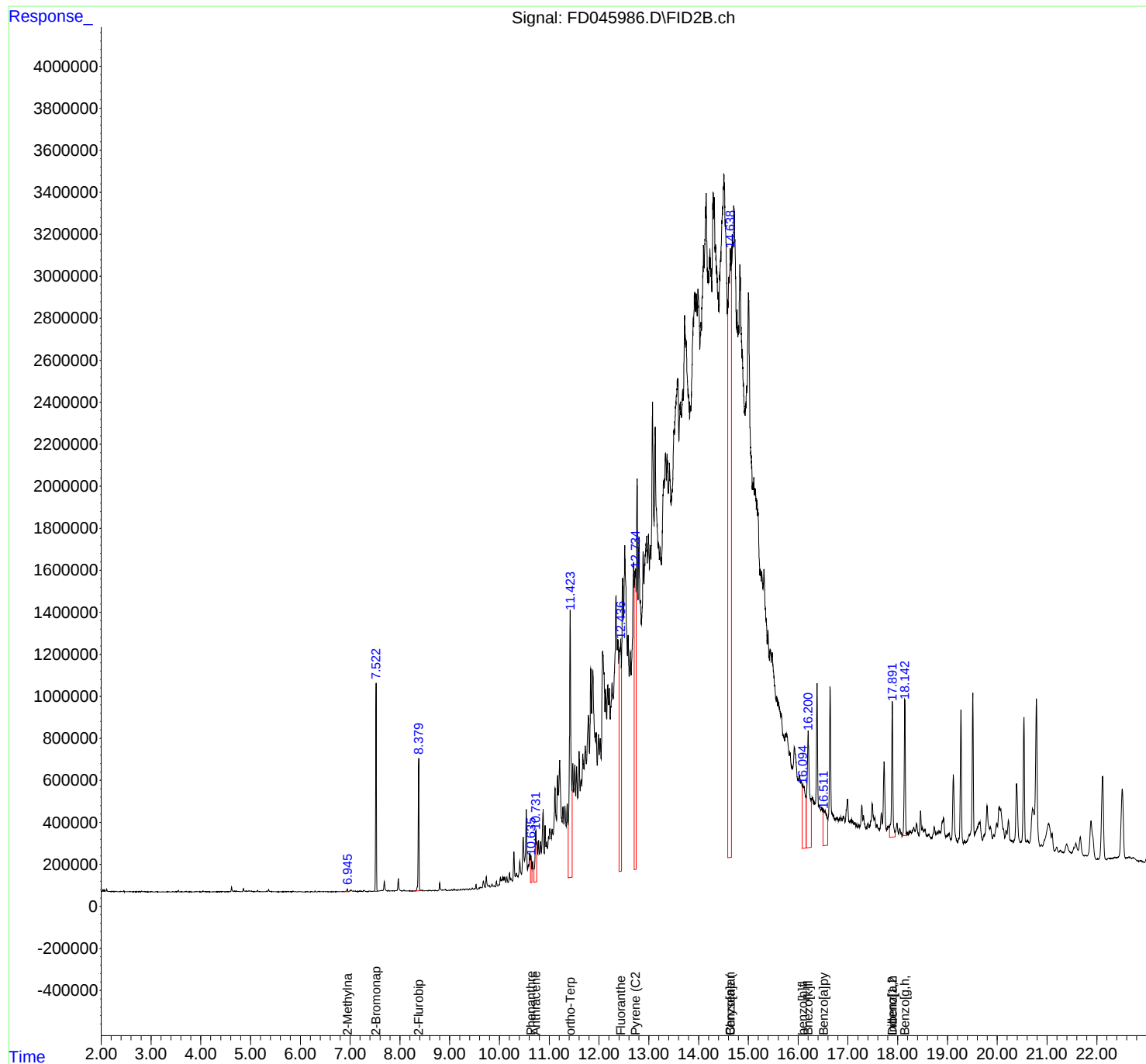
(m)=manual int.

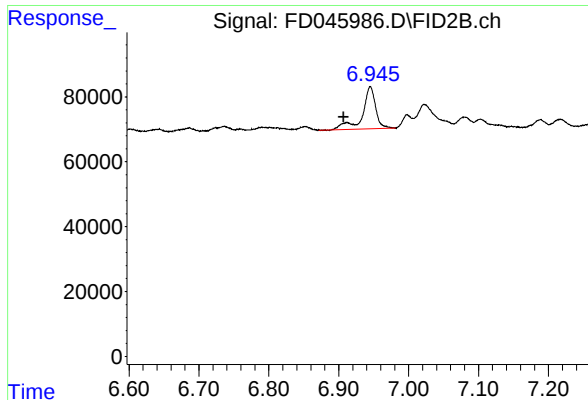
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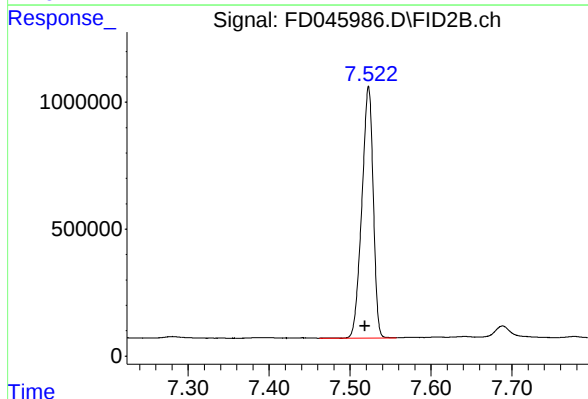




#3 2-Methylnaphthalene (C12.89)

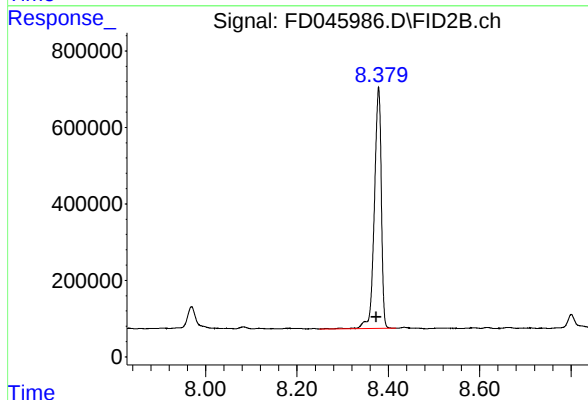
R.T.: 6.945 min
Delta R.T.: 0.038 min
Response: 169141
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



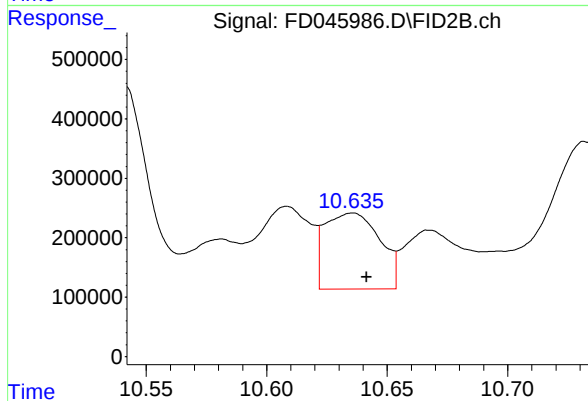
#4 2-Bromonaphthalene (SURR)

R.T.: 7.523 min
Delta R.T.: 0.004 min
Response: 9691932
Conc: 44.97 ug/ml



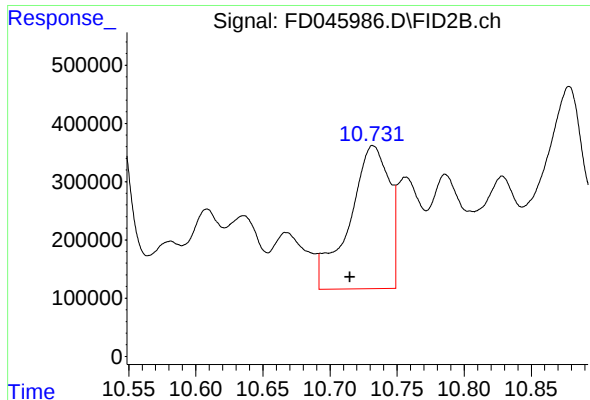
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: 0.005 min
Response: 6648544
Conc: 48.04 ug/ml



#9 Phenanthrene (C19.36)

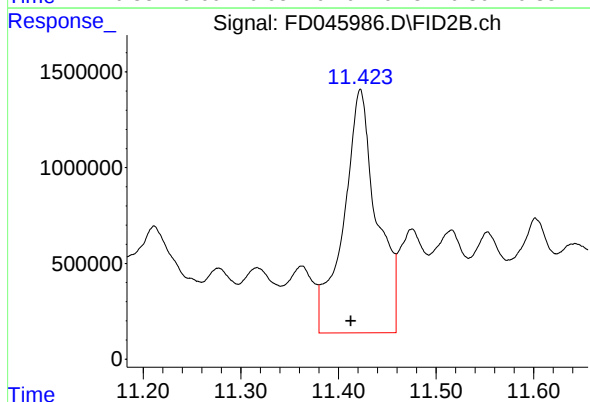
R.T.: 10.635 min
Delta R.T.: -0.006 min
Response: 2036907
Conc: 9.55 ug/ml



#10 Anthracene (C19.43)

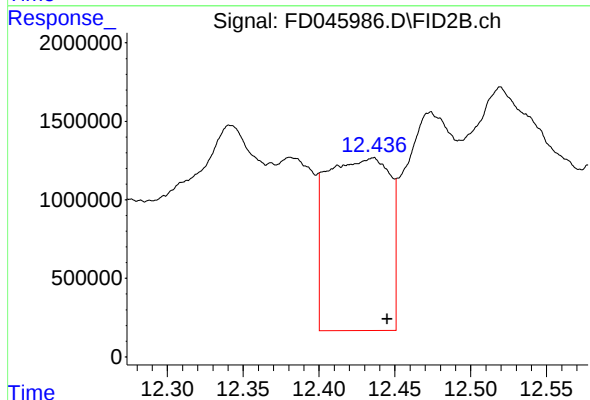
R.T.: 10.732 min
Delta R.T.: 0.017 min
Response: 5081413
Conc: 31.98 ug/ml

Instrument :
FID_D
ClientSampleId :



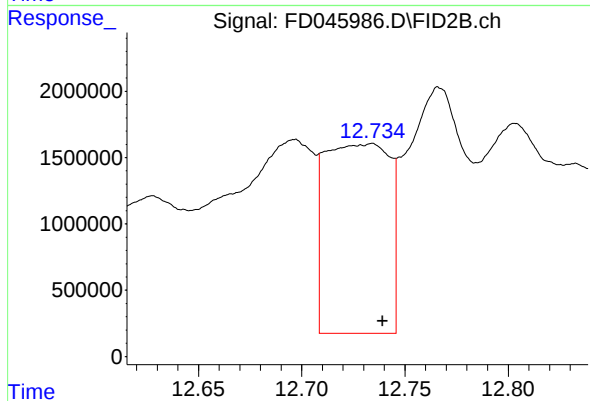
#11 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: 0.010 min
Response: 30006779
Conc: 118.36 ug/ml



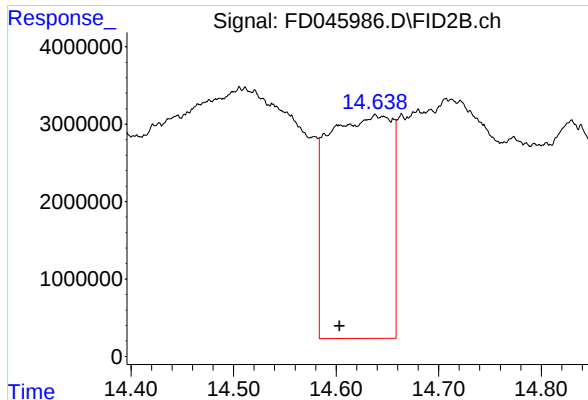
#12 Fluoranthene (C21.85)

R.T.: 12.435 min
Delta R.T.: -0.010 min
Response: 31890711
Conc: 155.83 ug/ml



#13 Pyrene (C20.8)

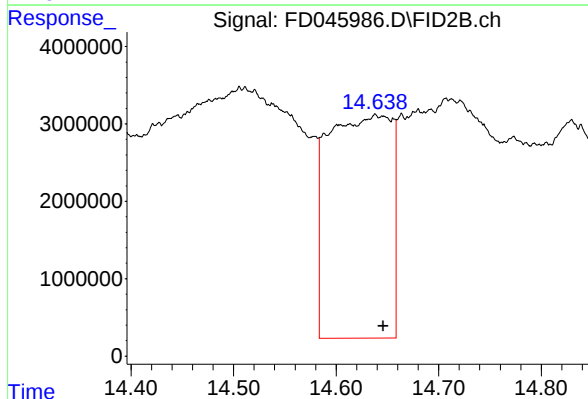
R.T.: 12.733 min
Delta R.T.: -0.007 min
Response: 31084675
Conc: 159.87 ug/ml



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

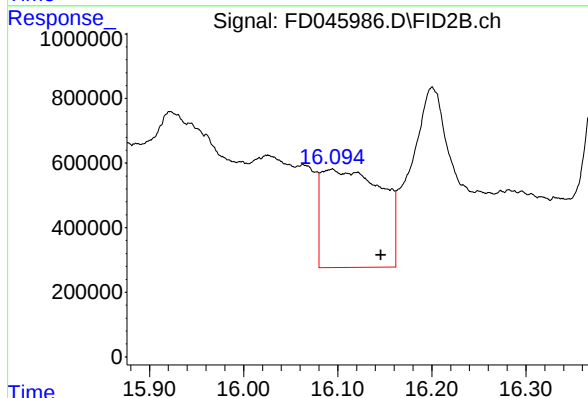
R.T.: 14.639 min
Delta R.T.: 0.036 min
Response: 124627664
Conc: 692.97 ug/ml

Instrument :
FID_D
ClientSampleId :



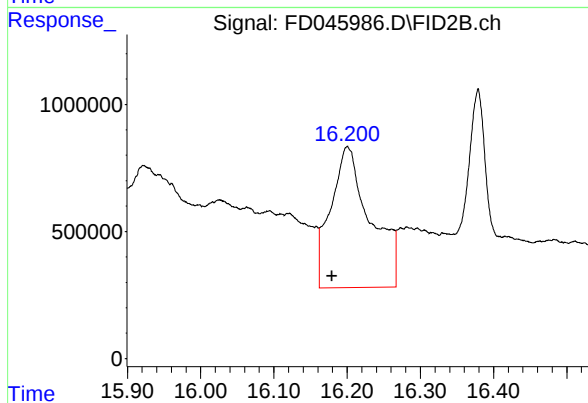
#15 Chrysene (C27.41)

R.T.: 14.639 min
Delta R.T.: -0.007 min
Response: 124627664
Conc: 634.97 ug/ml



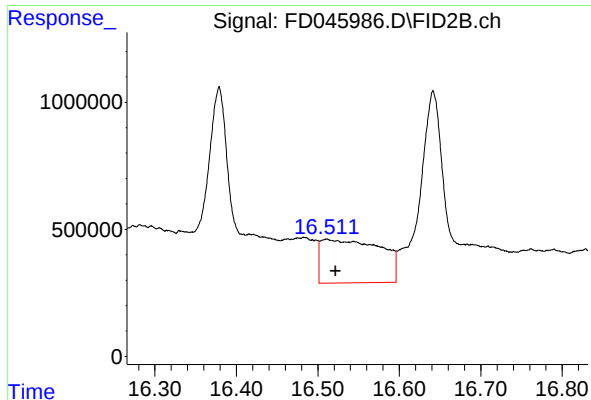
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: -0.053 min
Response: 13543548
Conc: 72.21 ug/ml



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

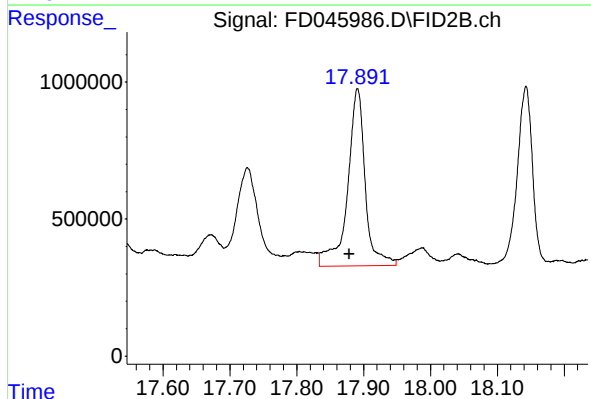
R.T.: 16.201 min
Delta R.T.: 0.021 min
Response: 20860025
Conc: 105.46 ug/ml



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

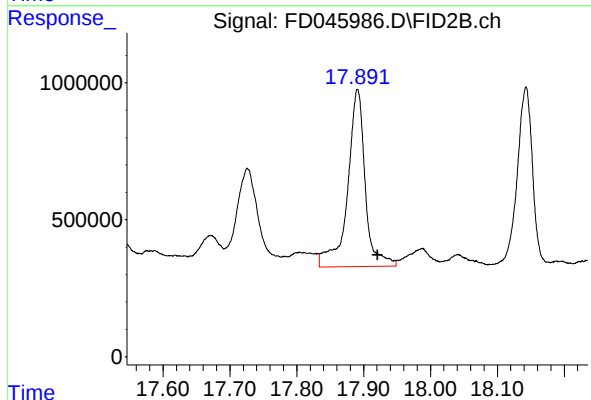
R.T.: 16.511 min
Delta R.T.: -0.011 min
Response: 8676946
Conc: 49.80 ug/ml

Instrument :
FID_D
ClientSampleId :



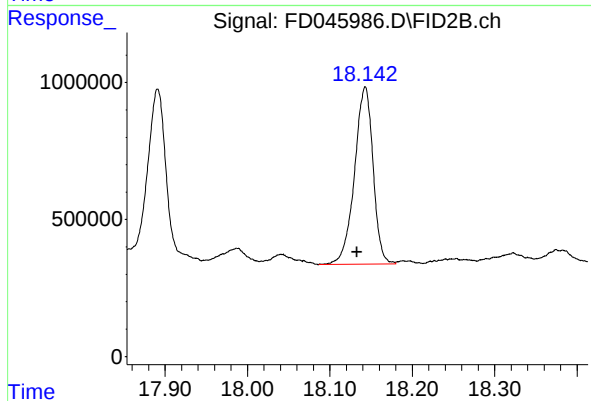
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.012 min
Response: 11856060
Conc: 63.71 ug/ml



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

R.T.: 17.891 min
Delta R.T.: -0.030 min
Response: 11856060
Conc: 64.49 ug/ml



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

R.T.: 18.143 min
Delta R.T.: 0.010 min
Response: 10117516
Conc: 54.15 ug/ml