

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042023AR\
 Data File : FD045510.D
 Signal(s) : FID2B.ch
 Acq On : 20 Apr 2023 20:05
 Operator : YP/AJ
 Sample : 02403-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 21 01:17:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.547	5672257	41.401 ug/ml
Spiked Amount 50.000		Recovery =	82.80%
6) S 2-Fluorobiphenyl (SURR)	8.401	1879583	20.966 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.93%
11) S ortho-Terphenyl (SURR)	11.443	6560826	37.709 ug/ml
Spiked Amount 50.000		Recovery =	75.42%
Target Compounds			
7) T Acenaphthene (C15.5)	8.461	37145	0.239 ug/ml
9) T Phenanthrene (C19.36)	10.667	52548	0.363 ug/ml
10) T Anthracene (C19.43)	10.816	92162	0.667 ug/ml
12) T Fluoranthene (C21.85)	12.423f	724258	5.034 ug/ml
13) T Pyrene (C20.8)	12.756	148632	1.057 ug/ml
14) T Benzo[a]anthracene (C...	14.619	385219	3.004 ug/ml
15) T Chrysene (C27.41)	14.678	344088	2.595 ug/ml
16) T benzo[b]fluoranthene ...	16.178	141291	1.088 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	141291	1.116 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	65787	0.556 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	145372	1.220 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	49485	0.396 ug/ml

(f)=RT Delta > 1/2 Window

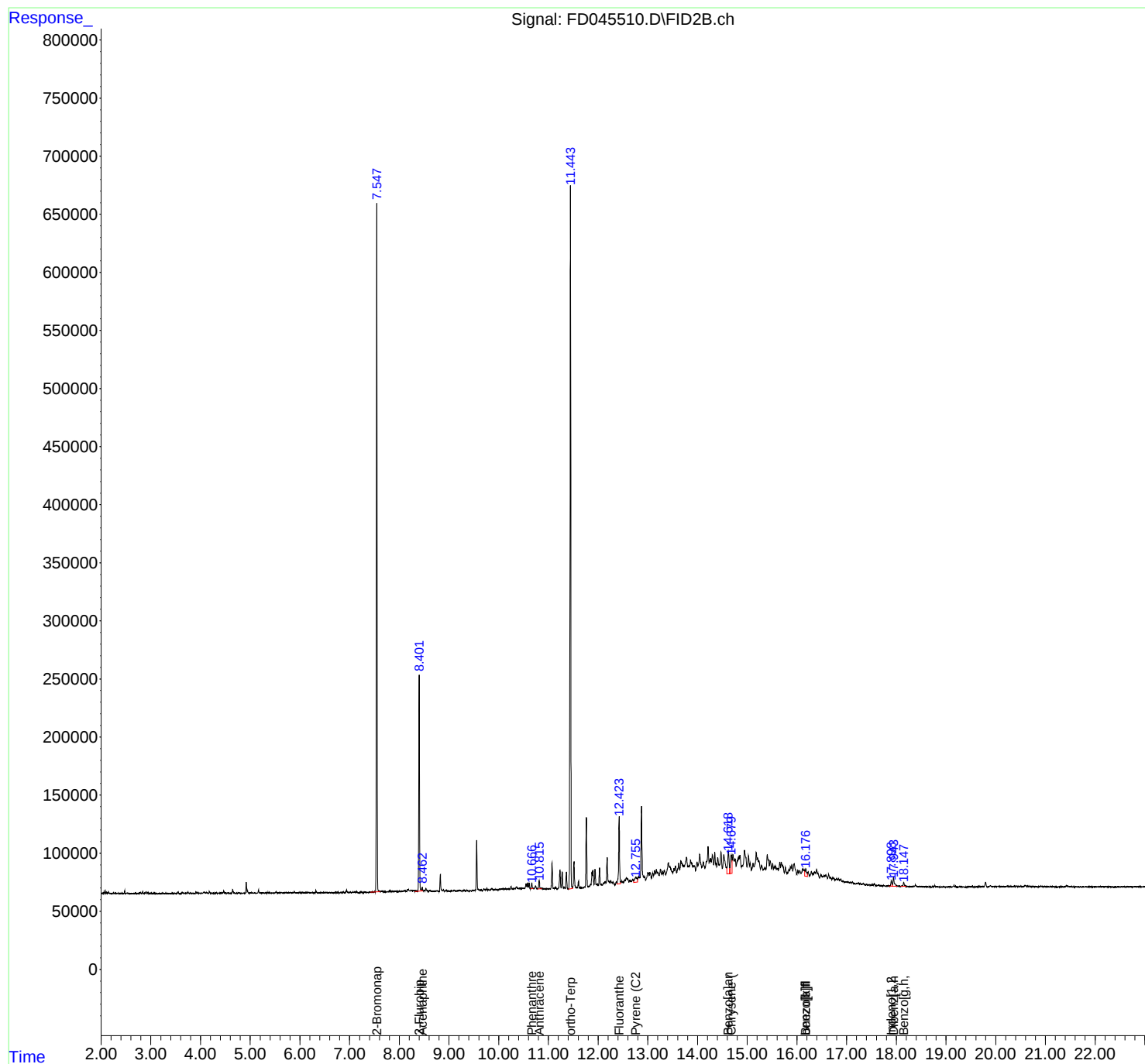
(m)=manual int.

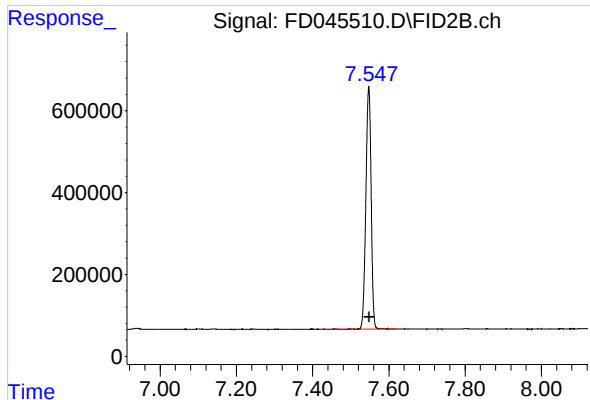
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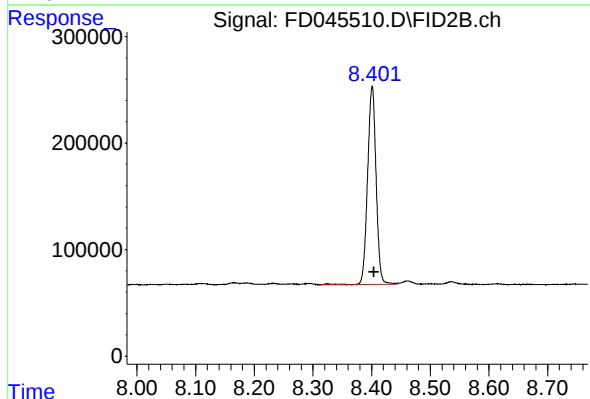




#4 2-Bromonaphthalene (SURR)

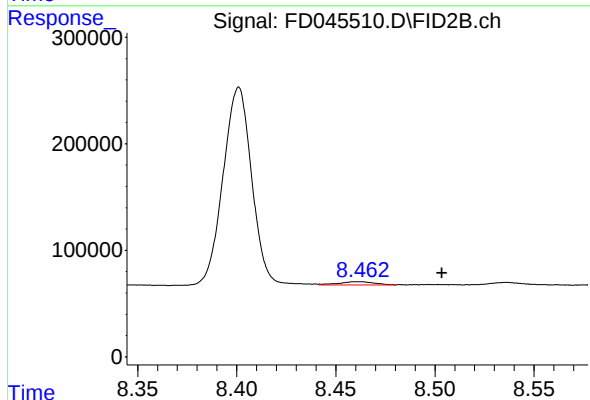
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 5672257
Conc: 41.40 ug/ml

Instrument :
FID_D
ClientSampleId :



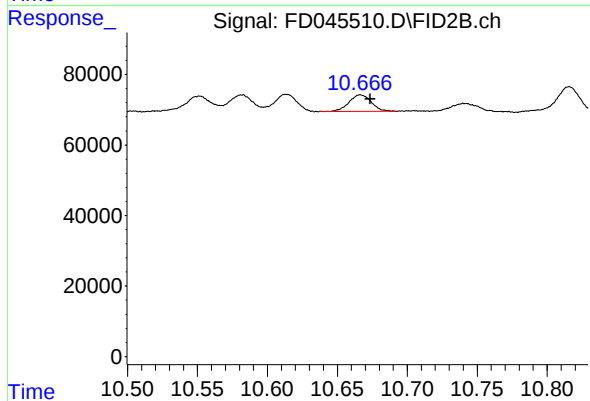
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 1879583
Conc: 20.97 ug/ml



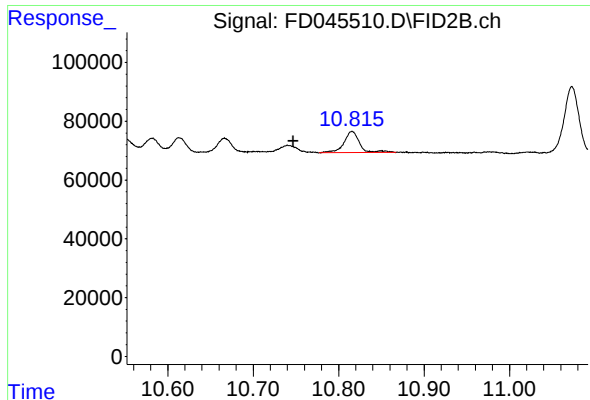
#7 Acenaphthene (C15.5)

R.T.: 8.461 min
Delta R.T.: -0.042 min
Response: 37145
Conc: 0.24 ug/ml



#9 Phenanthrene (C19.36)

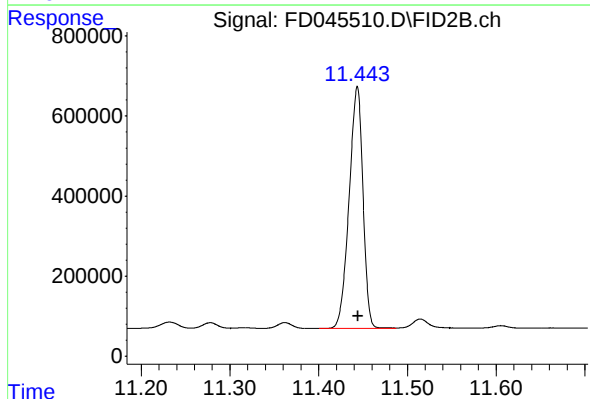
R.T.: 10.667 min
Delta R.T.: -0.007 min
Response: 52548
Conc: 0.36 ug/ml



#10 Anthracene (C19.43)

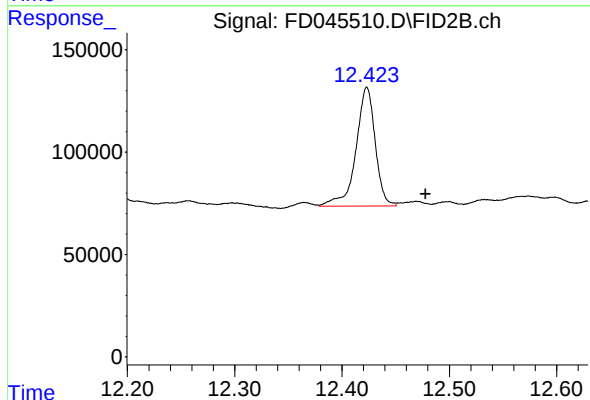
R.T.: 10.816 min
Delta R.T.: 0.069 min
Response: 92162
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



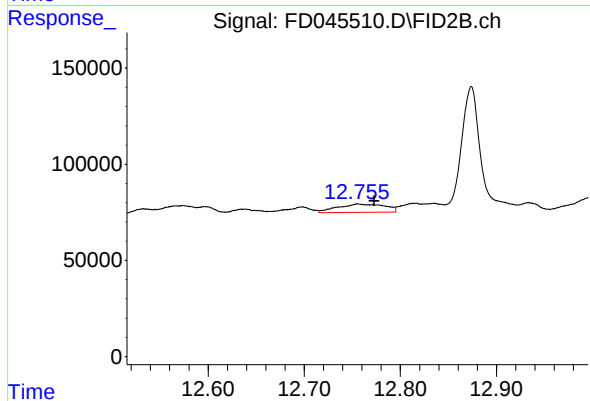
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.001 min
Response: 6560826
Conc: 37.71 ug/ml



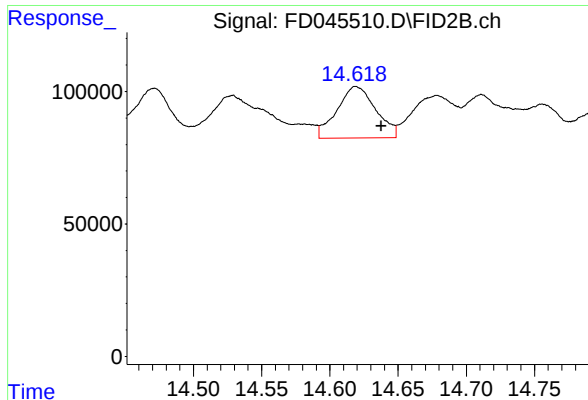
#12 Fluoranthene (C21.85)

R.T.: 12.423 min
Delta R.T.: -0.055 min
Response: 724258
Conc: 5.03 ug/ml



#13 Pyrene (C20.8)

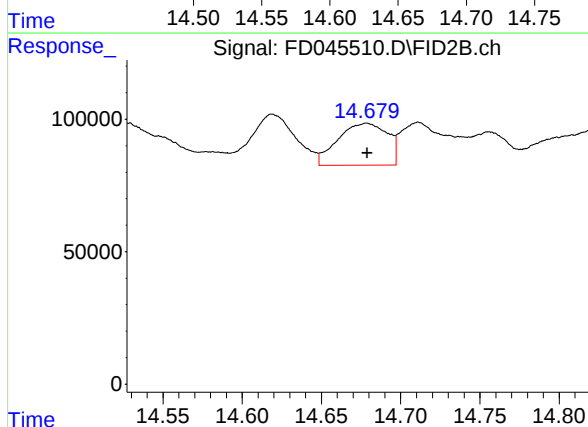
R.T.: 12.756 min
Delta R.T.: -0.016 min
Response: 148632
Conc: 1.06 ug/ml



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

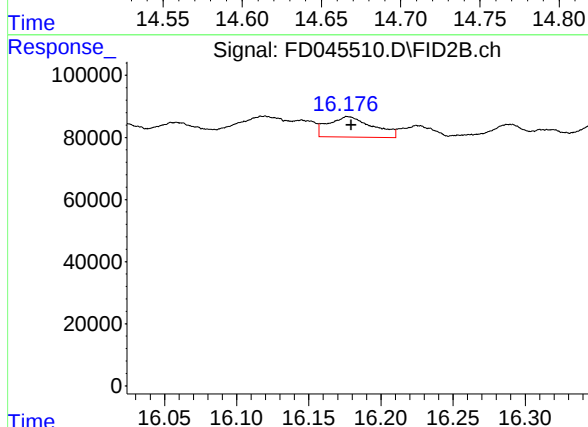
R.T.: 14.619 min
Delta R.T.: -0.019 min
Response: 385219
Conc: 3.00 ug/ml

Instrument :
FID_D
ClientSampleId :



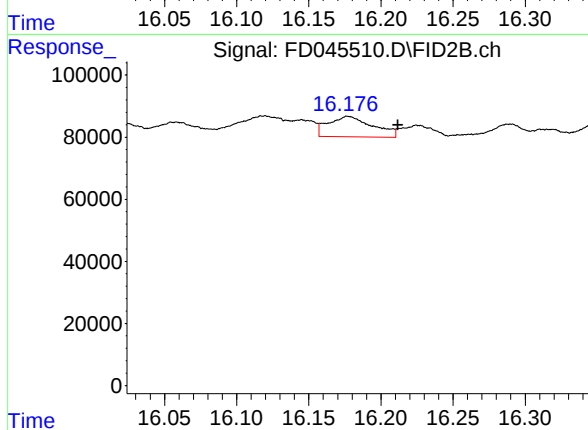
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: 0.000 min
Response: 344088
Conc: 2.59 ug/ml



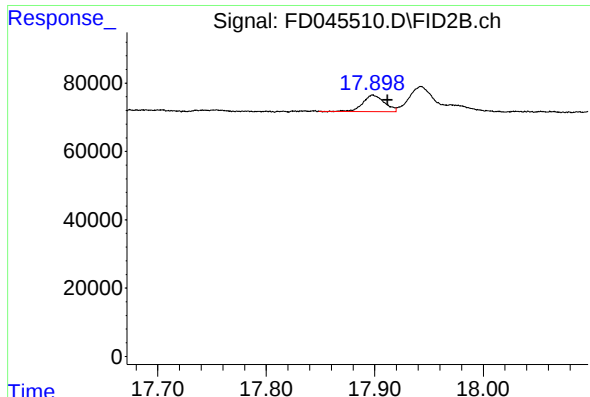
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.178 min
Delta R.T.: -0.002 min
Response: 141291
Conc: 1.09 ug/ml



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

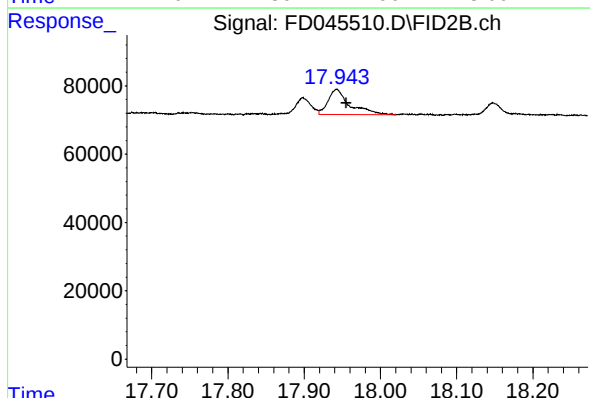
R.T.: 16.178 min
Delta R.T.: -0.034 min
Response: 141291
Conc: 1.12 ug/ml



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

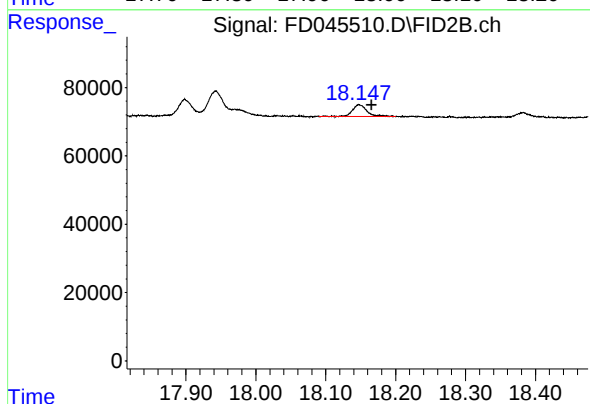
R.T.: 17.899 min
Delta R.T.: -0.013 min
Response: 65787
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.942 min
Delta R.T.: -0.013 min
Response: 145372
Conc: 1.22 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.018 min
Response: 49485
Conc: 0.40 ug/ml