

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044975.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 02:30
 Operator : YP/AJ
 Sample : 01462-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 04:09:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.559	7675351	52.334 ug/ml
Spiked Amount 50.000		Recovery =	104.67%
6) S 2-Fluorobiphenyl (SURR)	8.415	5170109	51.798 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.60%
11) S ortho-Terphenyl (SURR)	11.456	7439097	40.025 ug/ml
Spiked Amount 50.000		Recovery =	80.05%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	215421	1.332 ug/ml
10) T Anthracene (C19.43)	10.752	51628	0.348 ug/ml
12) T Fluoranthene (C21.85)	12.482	428398	2.677 ug/ml
13) T Pyrene (C20.8)	12.777	347858	2.217 ug/ml
14) T Benzo[a]anthracene (C...	14.640	171631	1.203 ug/ml
15) T Chrysene (C27.41)	14.681	218690	1.477 ug/ml
16) T benzo[b]fluoranthene ...	16.184	274931	1.895 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	108918	0.764 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	190551	1.364 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	223772	1.663 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	223772	1.689 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	121842	0.896 ug/ml

(f)=RT Delta > 1/2 Window

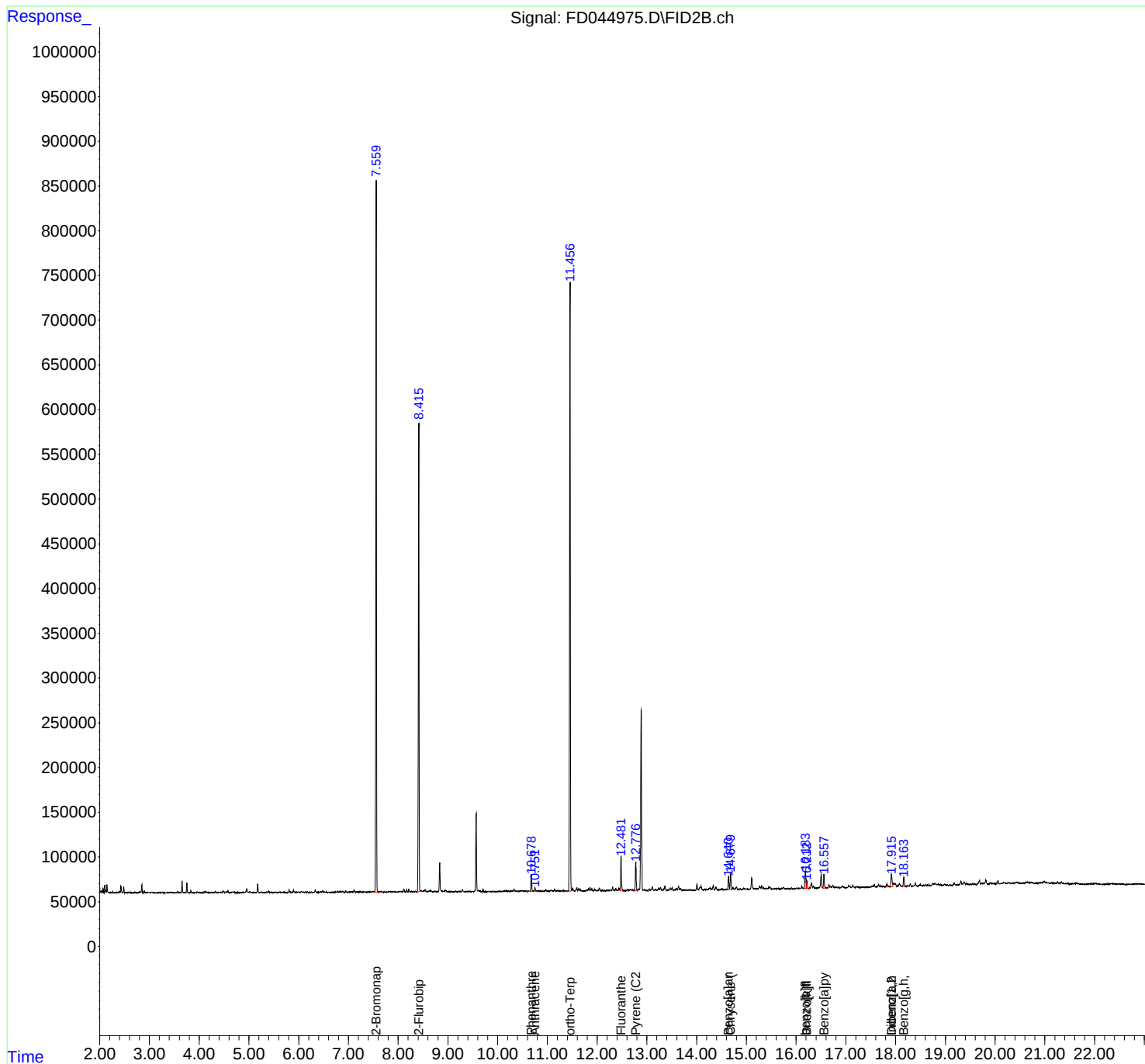
(m)=manual int.

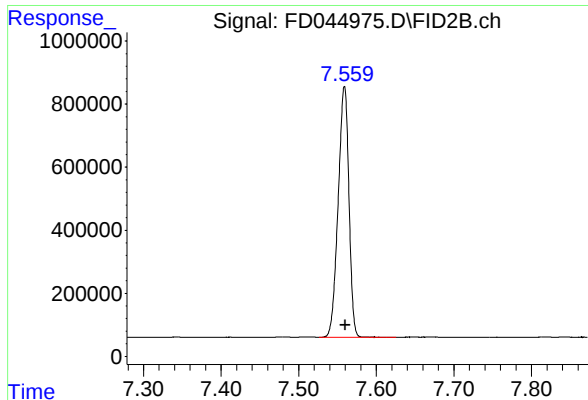
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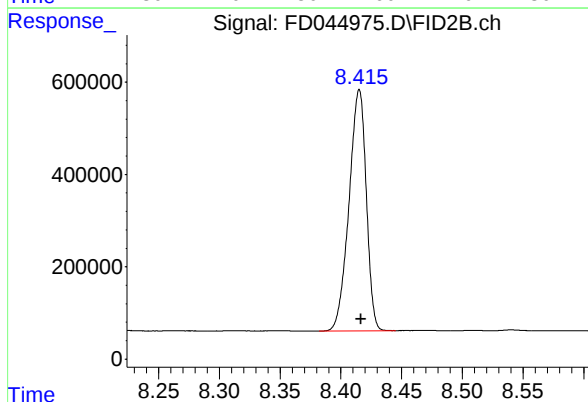




#4 2-Bromonaphthalene (SURR)

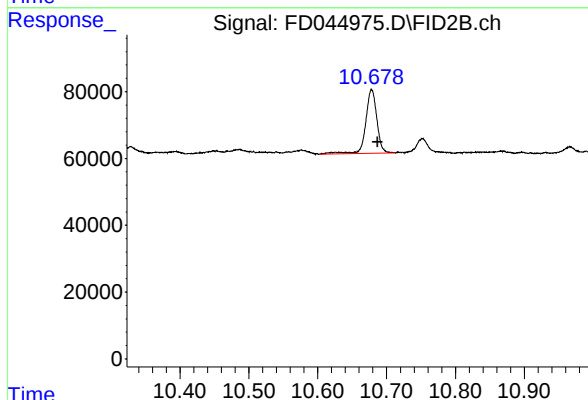
R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 7675351
Conc: 52.33 ug/ml

Instrument :
FID_D
ClientSampleId :



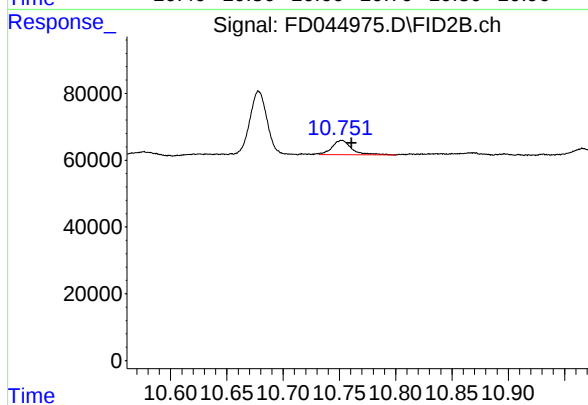
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 5170109
Conc: 51.80 ug/ml



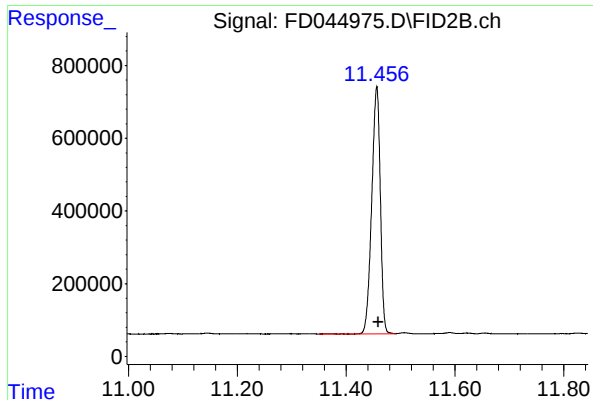
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 215421
Conc: 1.33 ug/ml



#10 Anthracene (C19.43)

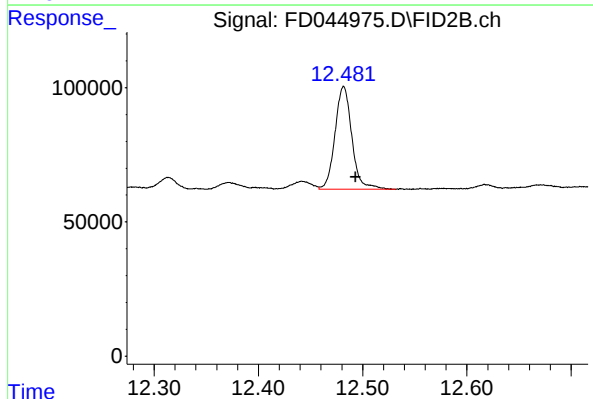
R.T.: 10.752 min
Delta R.T.: -0.009 min
Response: 51628
Conc: 0.35 ug/ml



#11 ortho-Terphenyl (SURR)

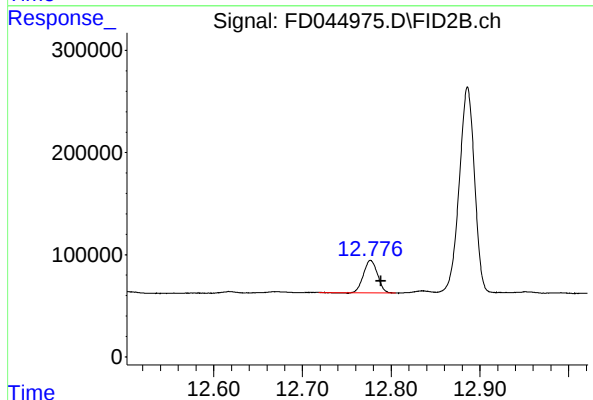
R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 7439097
Conc: 40.03 ug/ml

Instrument :
FID_D
ClientSampleId :



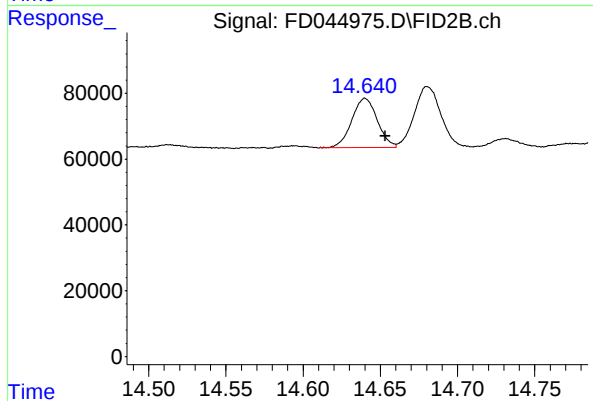
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 428398
Conc: 2.68 ug/ml



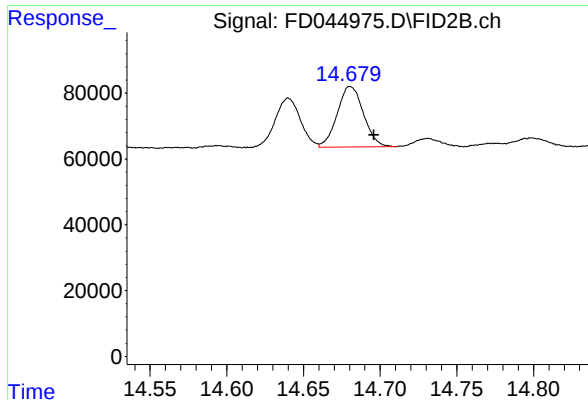
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.012 min
Response: 347858
Conc: 2.22 ug/ml



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

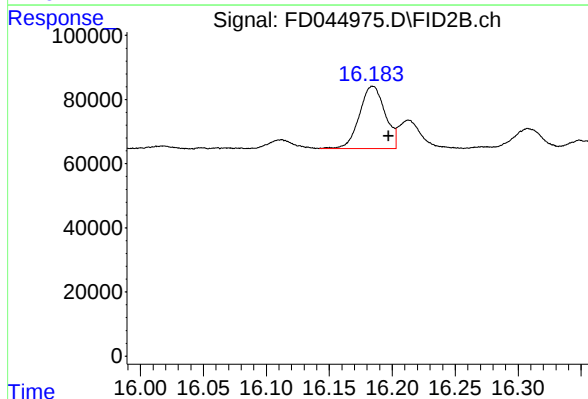
R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 171631
Conc: 1.20 ug/ml



#15 Chrysene (C27.41)

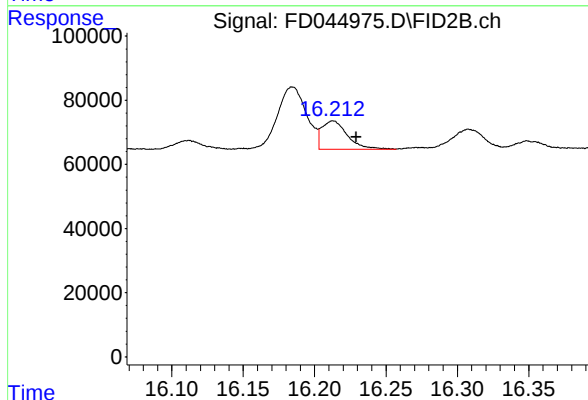
R.T.: 14.681 min
Delta R.T.: -0.015 min
Response: 218690
Conc: 1.48 ug/ml

Instrument :
FID_D
ClientSampleId :



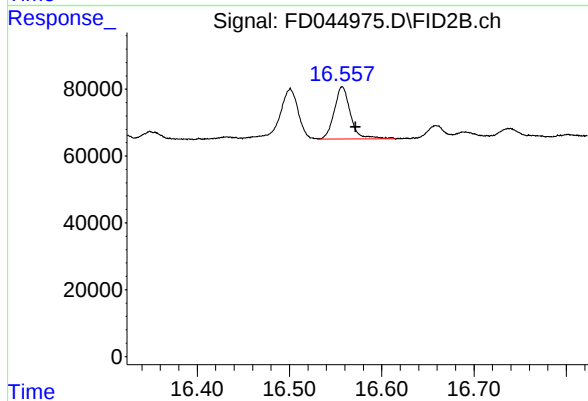
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 274931
Conc: 1.90 ug/ml



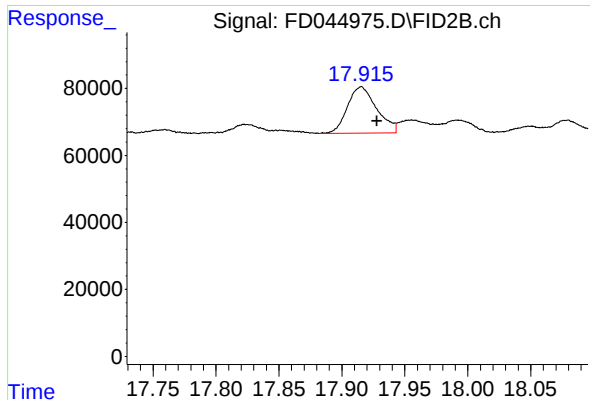
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.213 min
Delta R.T.: -0.016 min
Response: 108918
Conc: 0.76 ug/ml



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

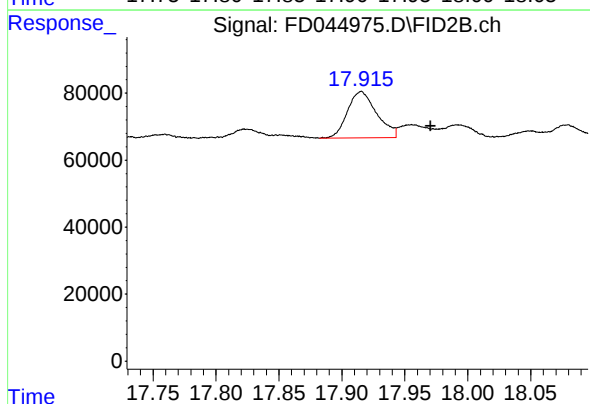
R.T.: 16.557 min
Delta R.T.: -0.014 min
Response: 190551
Conc: 1.36 ug/ml



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

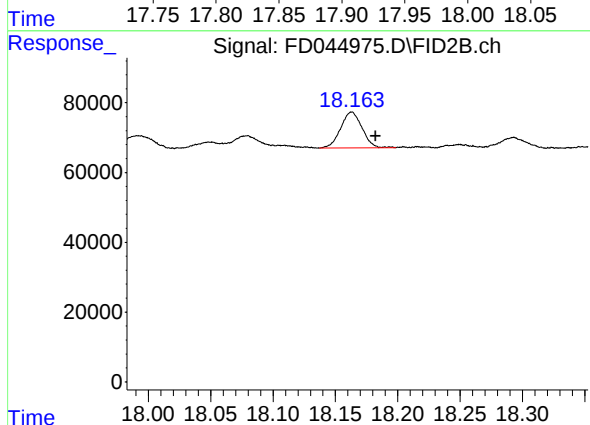
R.T.: 17.915 min
Delta R.T.: -0.013 min
Response: 223772
Conc: 1.66 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.915 min
Delta R.T.: -0.056 min
Response: 223772
Conc: 1.69 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.019 min
Response: 121842
Conc: 0.90 ug/ml