

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044936.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 14:52
 Operator : YP/AJ
 Sample : 01329-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 31 15:42:20 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	5670651	38.665 ug/ml
Spiked Amount 50.000		Recovery =	77.33%
6) S 2-Fluorobiphenyl (SURR)	8.415	3635004	36.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.84%
11) S ortho-Terphenyl (SURR)	11.455	4334766	23.323 ug/ml
Spiked Amount 50.000		Recovery =	46.65%
Target Compounds			
9) T Phenanthrene (C19.36)	10.680	51605	0.319 ug/ml
12) T Fluoranthene (C21.85)	12.485	119794	0.749 ug/ml
13) T Pyrene (C20.8)	12.779	93703	0.597 ug/ml
14) T Benzo[a]anthracene (C...	14.644	56129	0.393 ug/ml
15) T Chrysene (C27.41)	14.684	61502	0.415 ug/ml
16) T benzo[b]fluoranthene ...	16.188	50309	0.347 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	50309	0.353 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	71285	0.510 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	83934	0.624 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	83934	0.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	107120	0.788 ug/ml

(f)=RT Delta > 1/2 Window

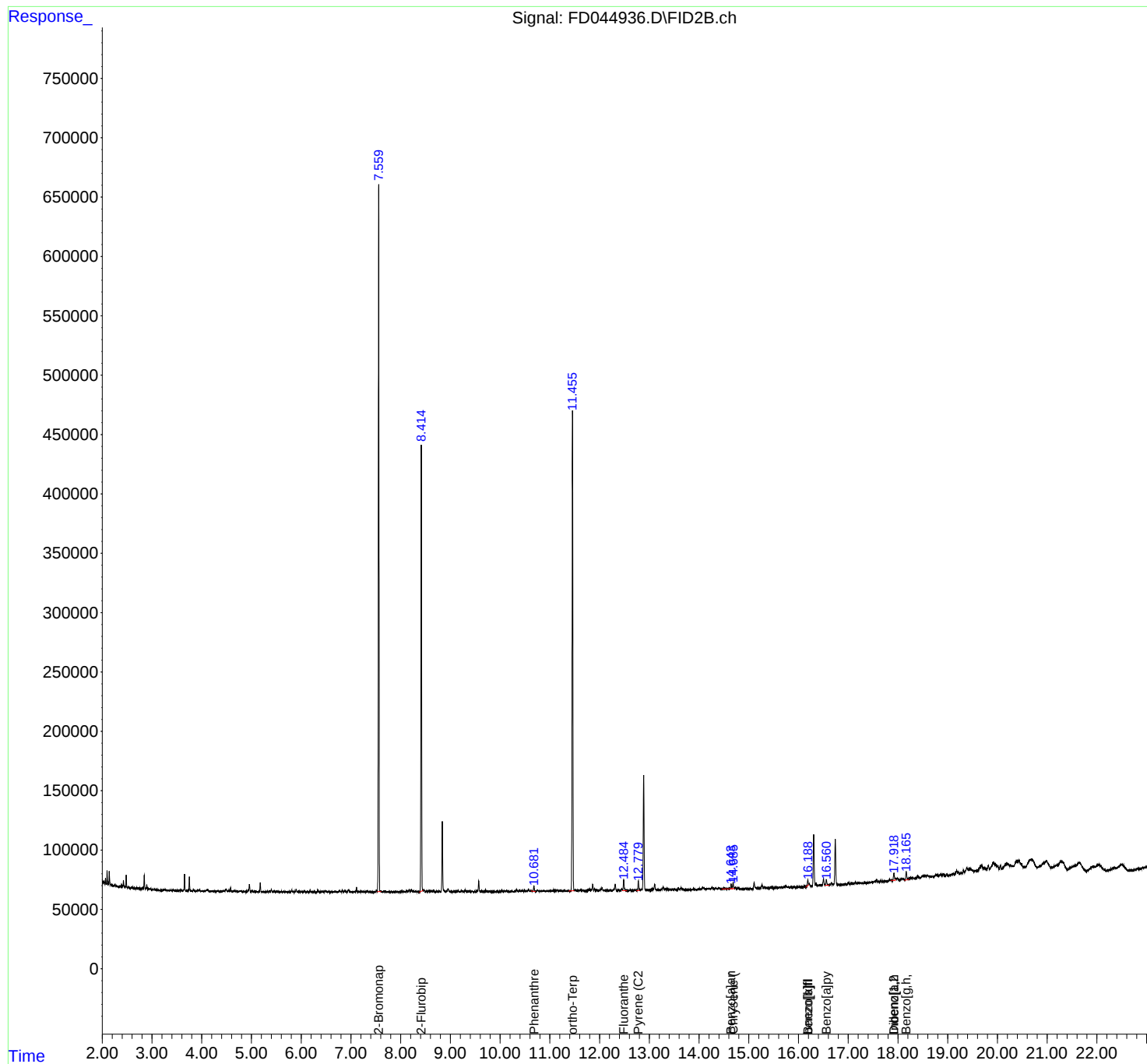
(m)=manual int.

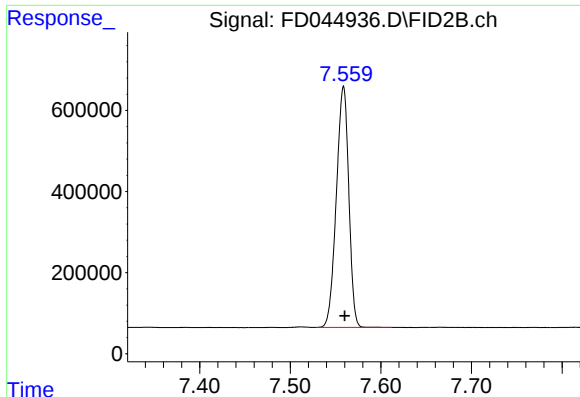
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

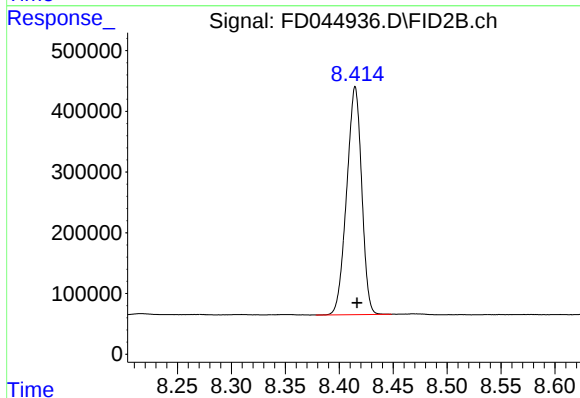




#4 2-Bromonaphthalene (SURRE)

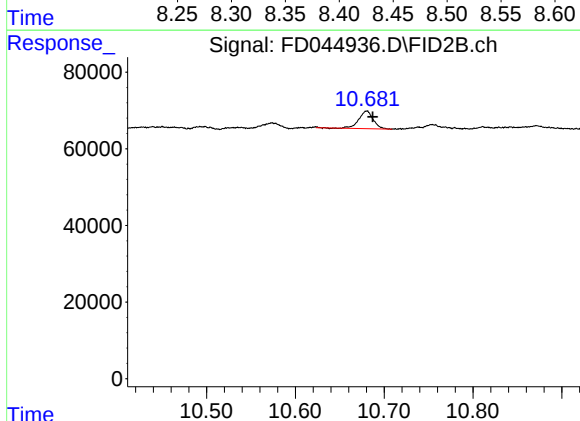
R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 5670651
Conc: 38.67 ug/ml

Instrument :
FID_D
ClientSampleId :



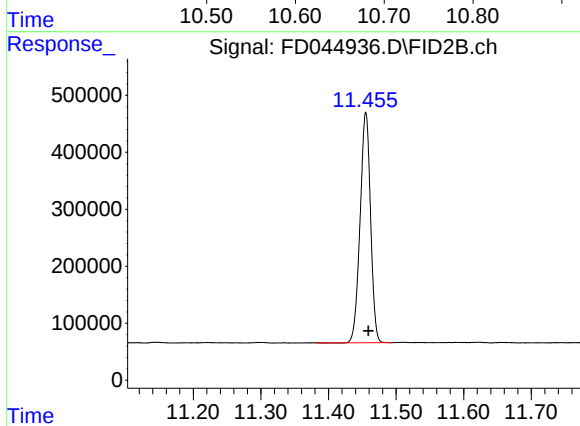
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 3635004
Conc: 36.42 ug/ml



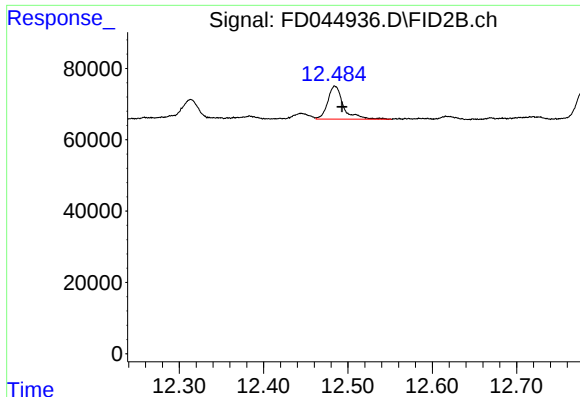
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 51605
Conc: 0.32 ug/ml



#11 ortho-Terphenyl (SURRE)

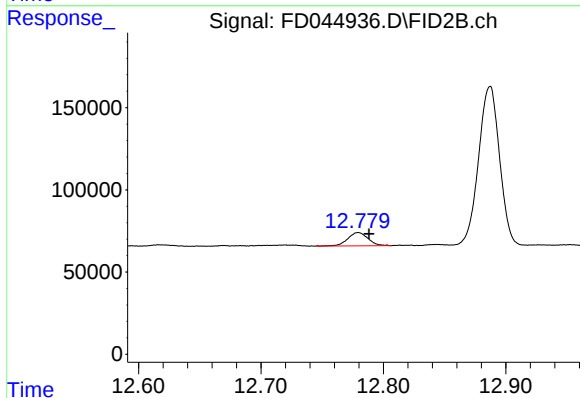
R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 4334766
Conc: 23.32 ug/ml



#12 Fluoranthene (C21.85)

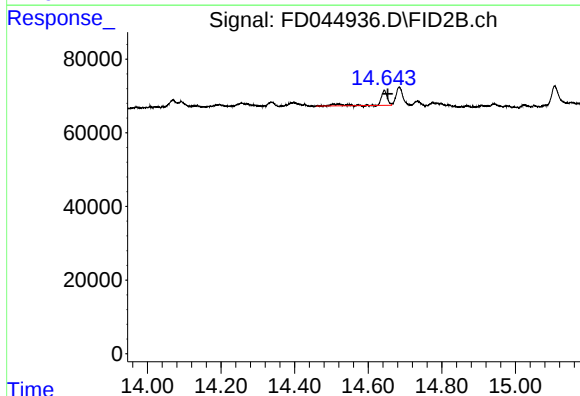
R.T.: 12.485 min
Delta R.T.: -0.008 min
Response: 119794
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



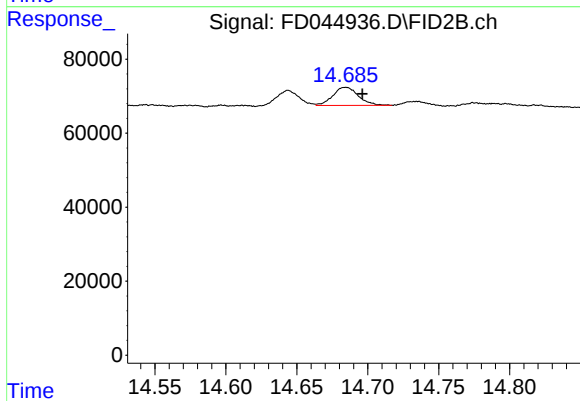
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.009 min
Response: 93703
Conc: 0.60 ug/ml



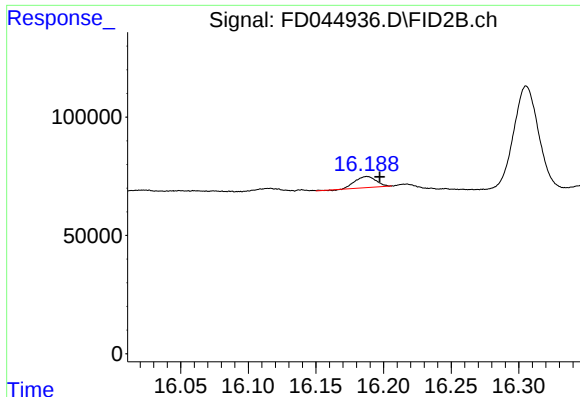
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.009 min
Response: 56129
Conc: 0.39 ug/ml



#15 Chrysene (C27.41)

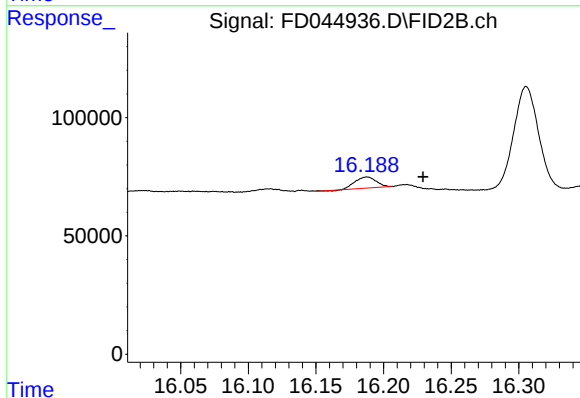
R.T.: 14.684 min
Delta R.T.: -0.012 min
Response: 61502
Conc: 0.42 ug/ml



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

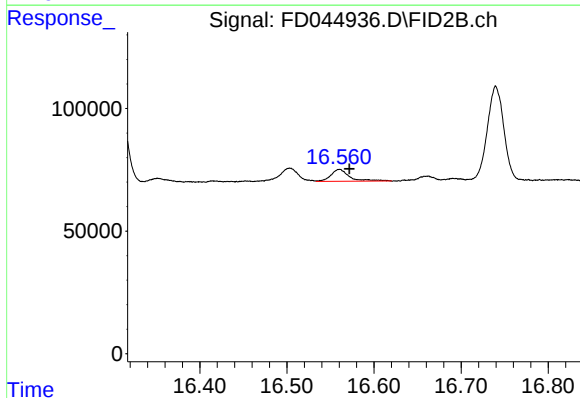
R.T.: 16.188 min
Delta R.T.: -0.010 min
Response: 50309
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



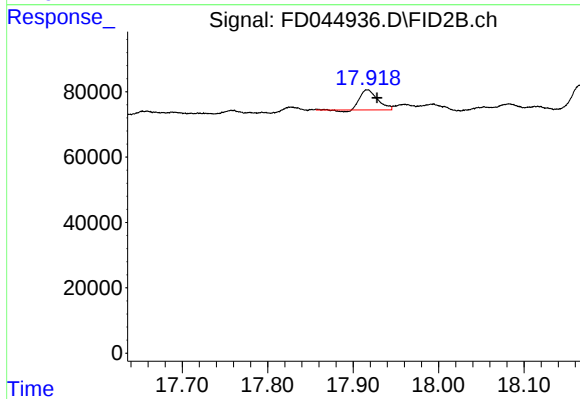
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.188 min
Delta R.T.: -0.042 min
Response: 50309
Conc: 0.35 ug/ml



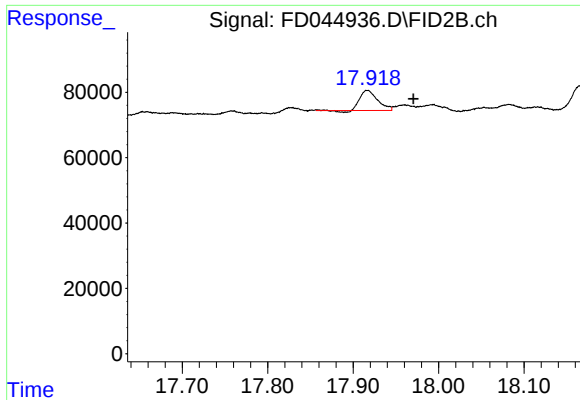
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.012 min
Response: 71285
Conc: 0.51 ug/ml



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

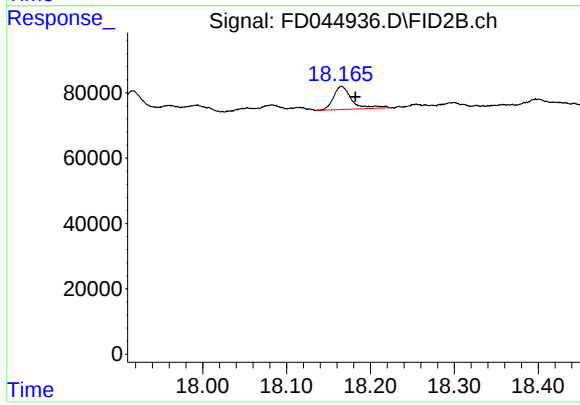
R.T.: 17.917 min
Delta R.T.: -0.011 min
Response: 83934
Conc: 0.62 ug/ml



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

R.T.: 17.917 min
Delta R.T.: -0.054 min
Response: 83934
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.166 min
Delta R.T.: -0.017 min
Response: 107120
Conc: 0.79 ug/ml