

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044580.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 17:59
 Operator : YP/AJ
 Sample : N5806-11
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:45:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.680	6517647	50.221 ug/ml
Spiked Amount 50.000		Recovery =	100.44%
6) S 2-Fluorobiphenyl (SURR)	8.539	4370791	49.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.98%
11) S ortho-Terphenyl (SURR)	11.568	5210473	32.016 ug/ml
Spiked Amount 50.000		Recovery =	64.03%
Target Compounds			
9) T Phenanthrene (C19.36)	10.798	173255	1.215 ug/ml
10) T Anthracene (C19.43)	10.873	72950	0.525 ug/ml
12) T Fluoranthene (C21.85)	12.599	478794	3.359 ug/ml
13) T Pyrene (C20.8)	12.894	438465	3.151 ug/ml
14) T Benzo[a]anthracene (C...	14.752	238449	1.843 ug/ml
15) T Chrysene (C27.41)	14.792	247922	1.839 ug/ml
16) T benzo[b]fluoranthene ...	16.291	293760	2.232 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	102034	0.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	136007	1.052 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	96322	0.756 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	142233	1.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	122735	0.954 ug/ml

(f)=RT Delta > 1/2 Window

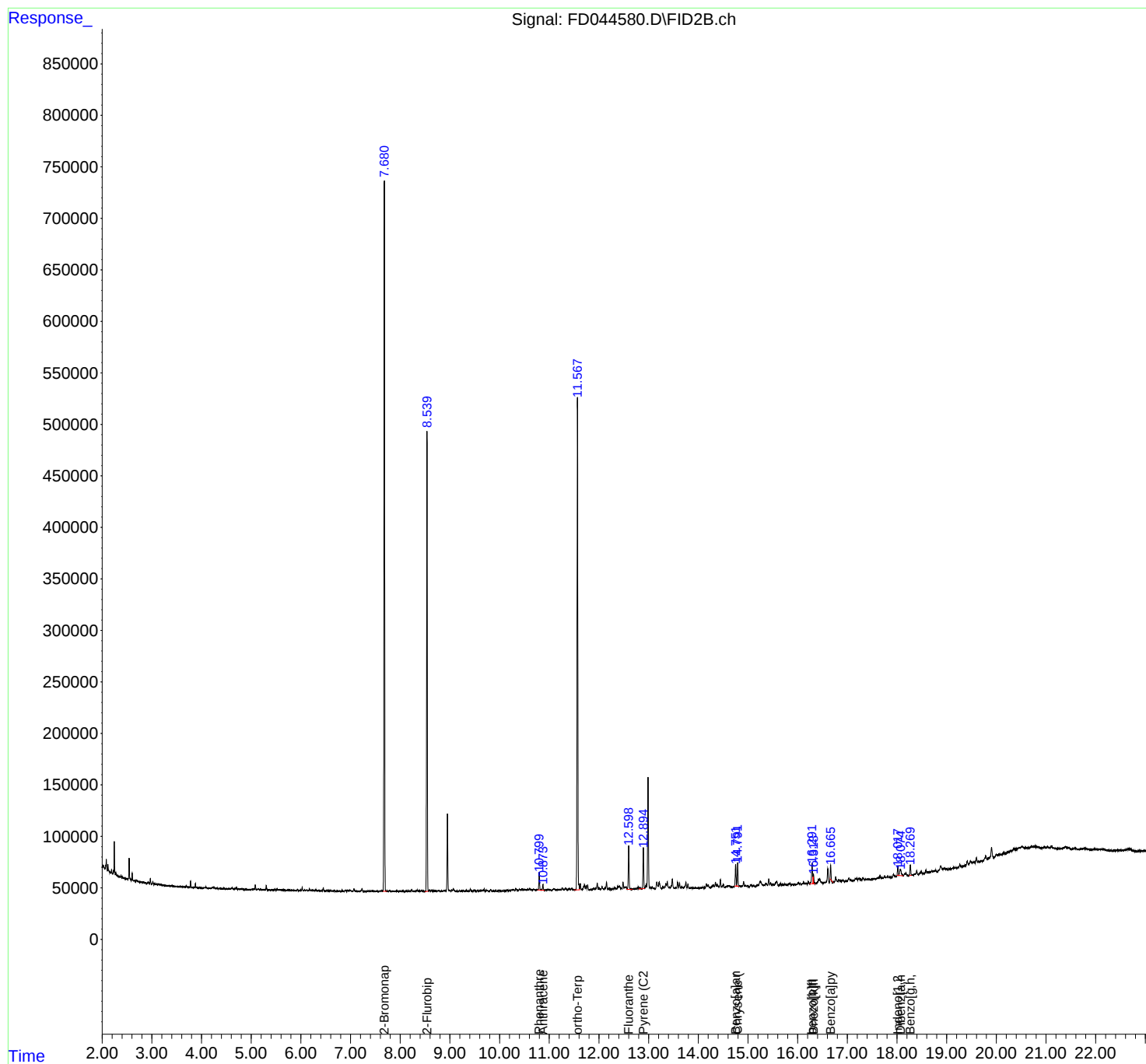
(m)=manual int.

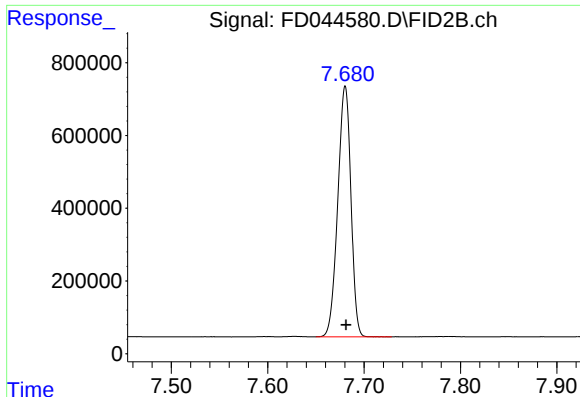
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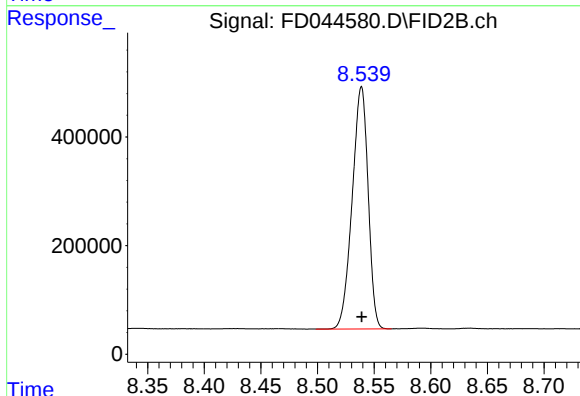




#4 2-Bromonaphthalene (SURRE)

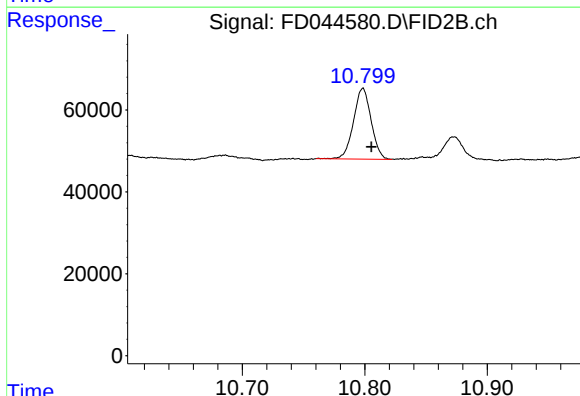
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 6517647
Conc: 50.22 ug/ml

Instrument :
FID_D
ClientSampleId :



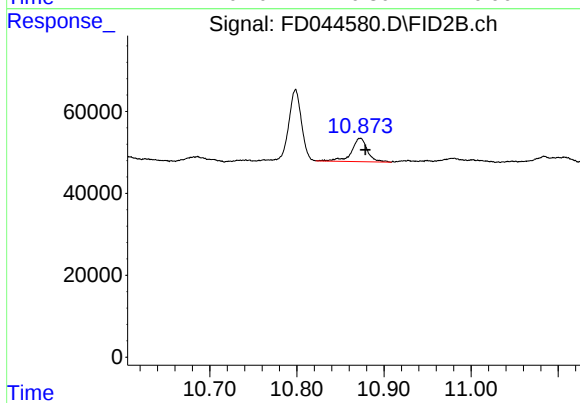
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 4370791
Conc: 49.49 ug/ml



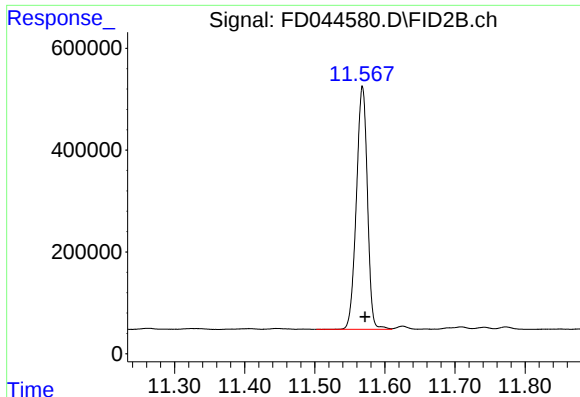
#9 Phenanthrene (C19.36)

R.T.: 10.798 min
Delta R.T.: -0.007 min
Response: 173255
Conc: 1.21 ug/ml



#10 Anthracene (C19.43)

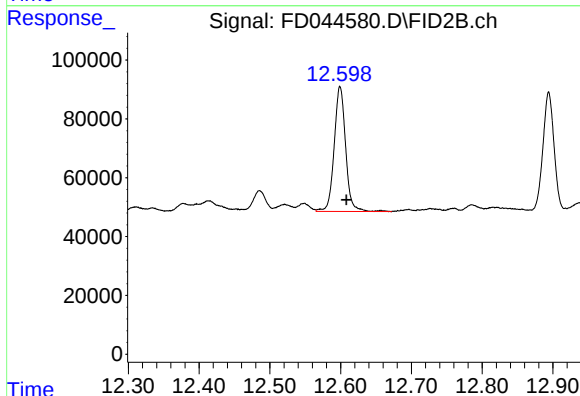
R.T.: 10.873 min
Delta R.T.: -0.006 min
Response: 72950
Conc: 0.53 ug/ml



#11 ortho-Terphenyl (SURR)

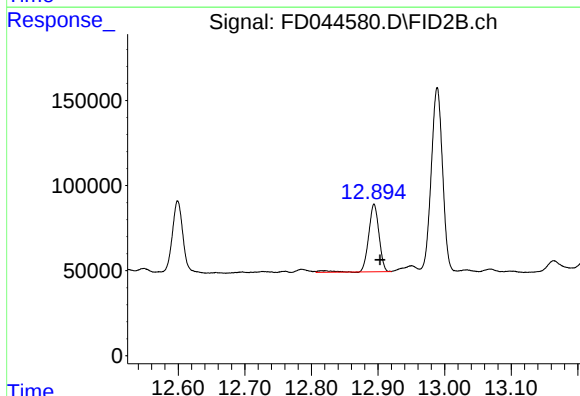
R.T.: 11.568 min
Delta R.T.: -0.004 min
Response: 5210473
Conc: 32.02 ug/ml

Instrument :
FID_D
ClientSampleId :



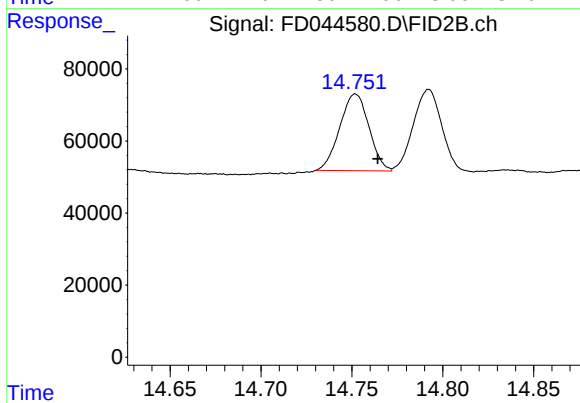
#12 Fluoranthene (C21.85)

R.T.: 12.599 min
Delta R.T.: -0.009 min
Response: 478794
Conc: 3.36 ug/ml



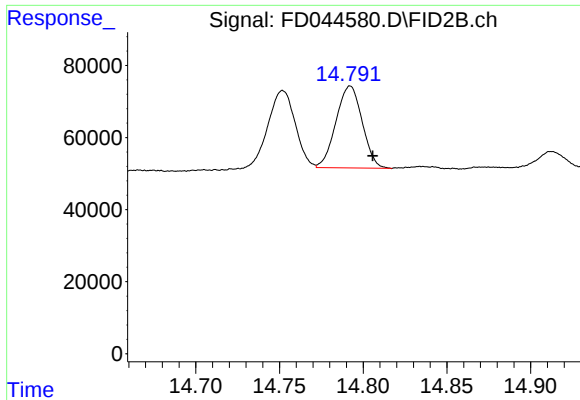
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.009 min
Response: 438465
Conc: 3.15 ug/ml



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

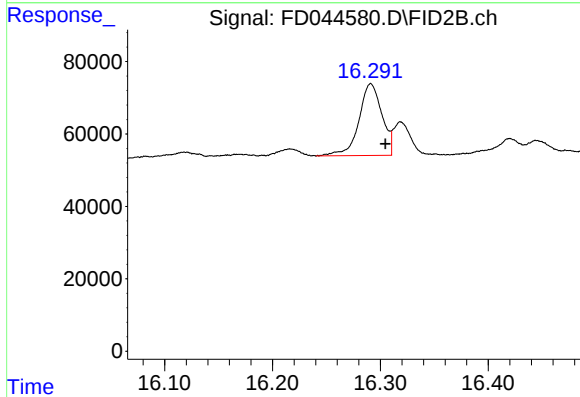
R.T.: 14.752 min
Delta R.T.: -0.012 min
Response: 238449
Conc: 1.84 ug/ml



#15 Chrysene (C27.41)

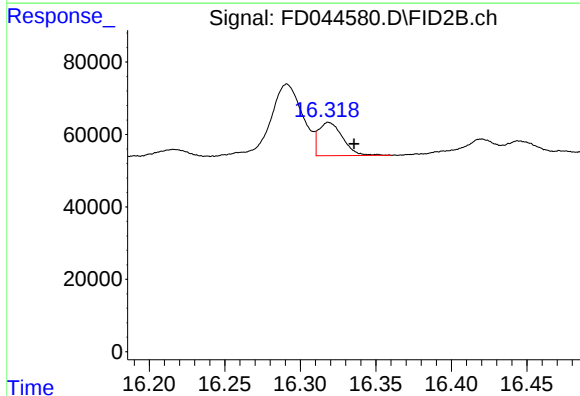
R.T.: 14.792 min
Delta R.T.: -0.014 min
Response: 247922
Conc: 1.84 ug/ml

Instrument :
FID_D
ClientSampleId :



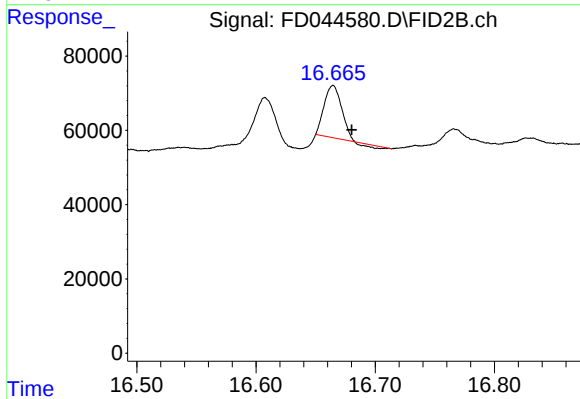
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.291 min
Delta R.T.: -0.013 min
Response: 293760
Conc: 2.23 ug/ml



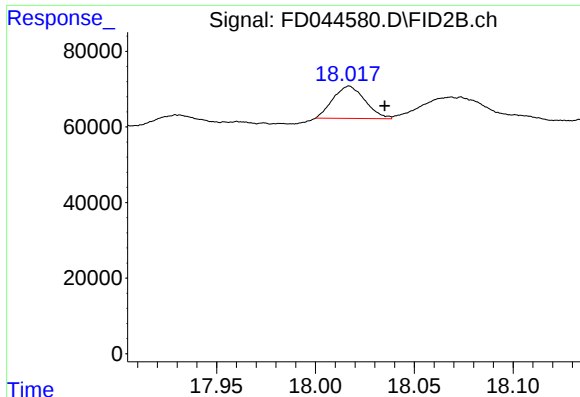
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: -0.017 min
Response: 102034
Conc: 0.78 ug/ml



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

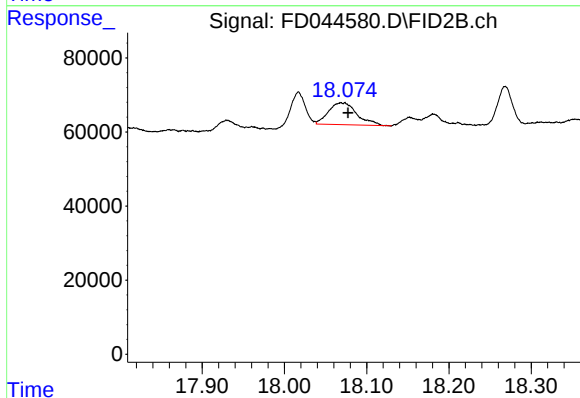
R.T.: 16.665 min
Delta R.T.: -0.016 min
Response: 136007
Conc: 1.05 ug/ml



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

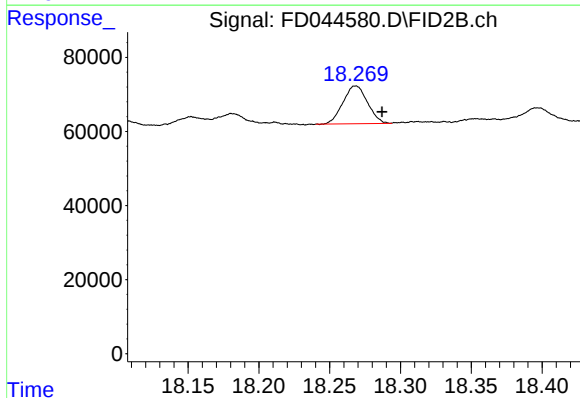
R.T.: 18.017 min
Delta R.T.: -0.018 min
Response: 96322
Conc: 0.76 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.070 min
Delta R.T.: -0.008 min
Response: 142233
Conc: 1.13 ug/ml



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

R.T.: 18.268 min
Delta R.T.: -0.019 min
Response: 122735
Conc: 0.95 ug/ml