

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046207.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 22:11
 Operator : YP/AJ
 Sample : 03580-03D
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 05:14:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.508	8629788	57.732 ug/ml
Spiked Amount 50.000		Recovery =	115.46%
6) S 2-Fluorobiphenyl (SURR)	8.362	5123221	54.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.46%
11) S ortho-Terphenyl (SURR)	11.400	7143959	40.907 ug/ml
Spiked Amount 50.000		Recovery =	81.81%
Target Compounds			
9) T Phenanthrene (C19.36)	10.623	337163	2.341 ug/ml
10) T Anthracene (C19.43)	10.697	127102	0.971 ug/ml
12) T Fluoranthene (C21.85)	12.427	870418	6.229 ug/ml
13) T Pyrene (C20.8)	12.720	800444	5.775 ug/ml
14) T Benzo[a]anthracene (C...	14.584	444368	3.385 ug/ml
15) T Chrysene (C27.41)	14.624	512198	3.633 ug/ml
16) T benzo[b]fluoranthene ...	16.127	773267	5.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	773267	5.641 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	428729	3.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.857	204134	1.697 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	204134	1.596 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	251046	1.979 ug/ml

(f)=RT Delta > 1/2 Window

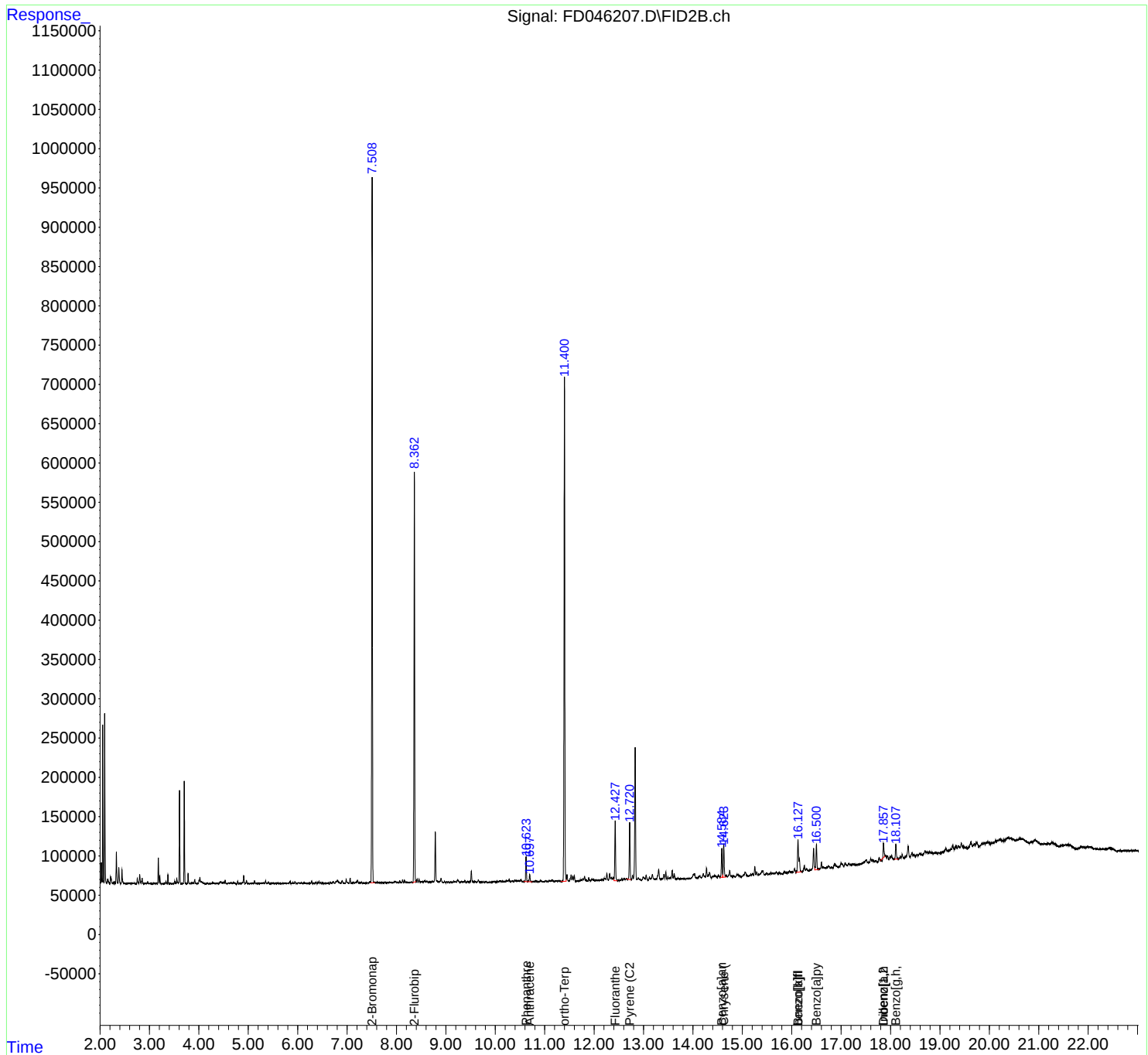
(m)=manual int.

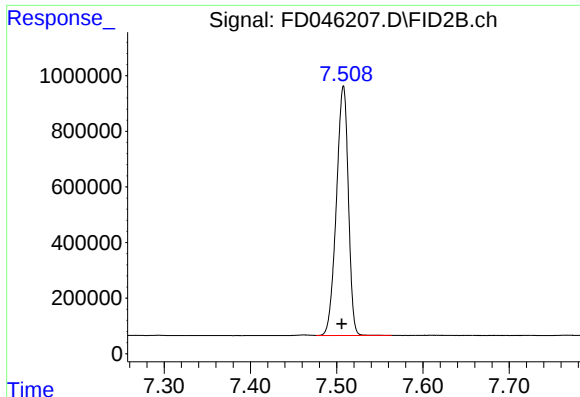
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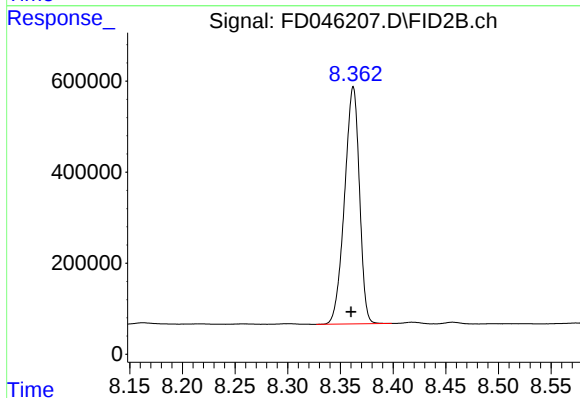




#4 2-Bromonaphthalene (SURRE)

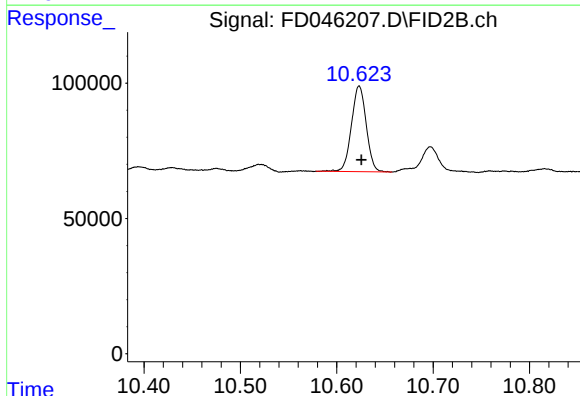
R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 8629788
Conc: 57.73 ug/ml

Instrument :
FID_D
ClientSampleId :



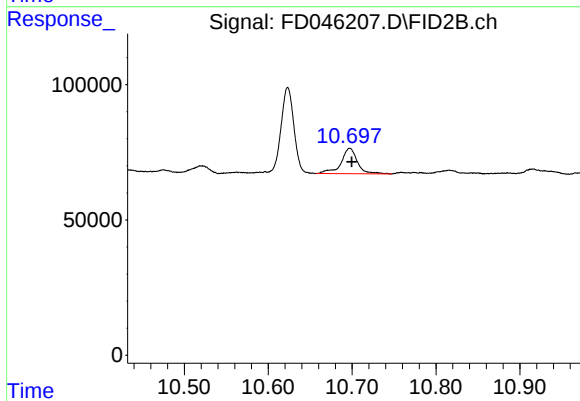
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.362 min
Delta R.T.: 0.002 min
Response: 5123221
Conc: 54.73 ug/ml



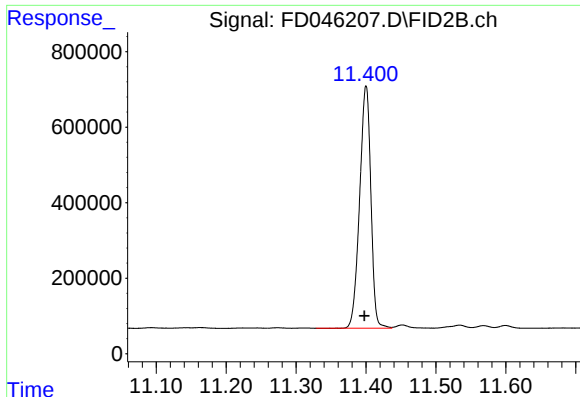
#9 Phenanthrene (C19.36)

R.T.: 10.623 min
Delta R.T.: -0.002 min
Response: 337163
Conc: 2.34 ug/ml



#10 Anthracene (C19.43)

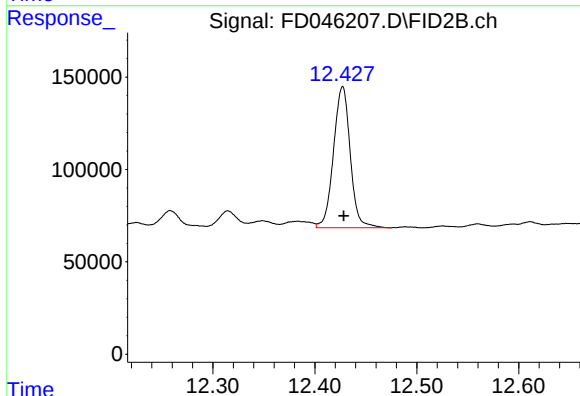
R.T.: 10.697 min
Delta R.T.: -0.002 min
Response: 127102
Conc: 0.97 ug/ml



#11 ortho-Terphenyl (SURR)

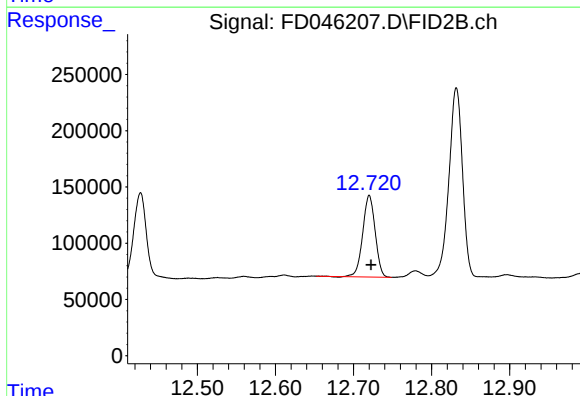
R.T.: 11.400 min
Delta R.T.: 0.002 min
Response: 7143959
Conc: 40.91 ug/ml

Instrument :
FID_D
ClientSampleId :



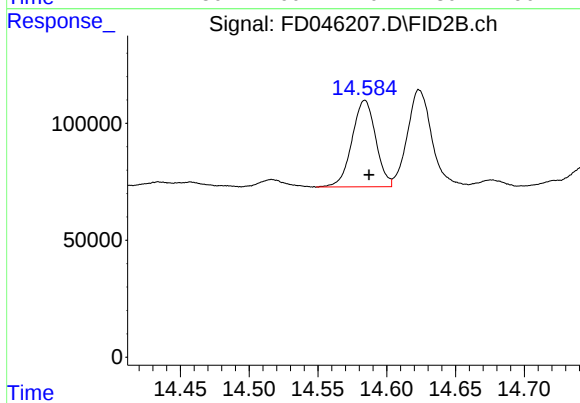
#12 Fluoranthene (C21.85)

R.T.: 12.427 min
Delta R.T.: -0.001 min
Response: 870418
Conc: 6.23 ug/ml



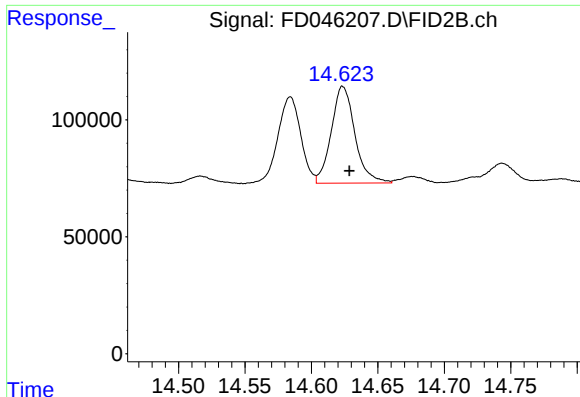
#13 Pyrene (C20.8)

R.T.: 12.720 min
Delta R.T.: -0.002 min
Response: 800444
Conc: 5.78 ug/ml



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

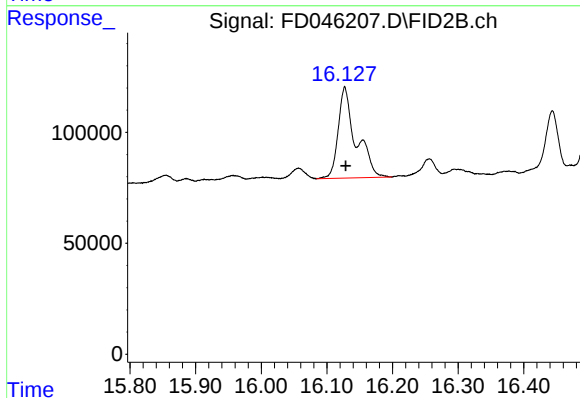
R.T.: 14.584 min
Delta R.T.: -0.003 min
Response: 444368
Conc: 3.39 ug/ml



#15 Chrysene (C27.41)

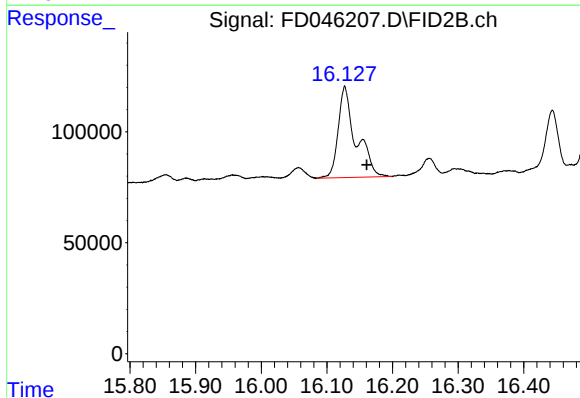
R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 512198
Conc: 3.63 ug/ml

Instrument :
FID_D
ClientSampleId :



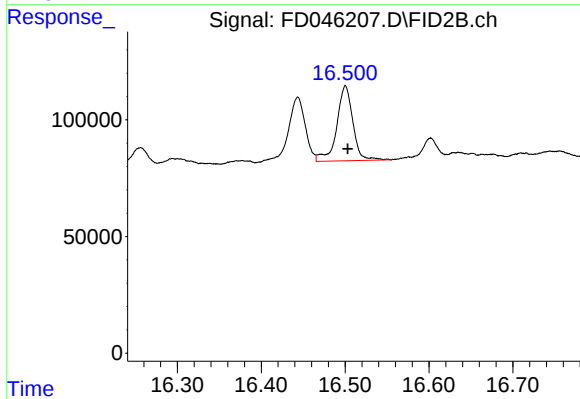
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.127 min
Delta R.T.: -0.001 min
Response: 773267
Conc: 5.65 ug/ml



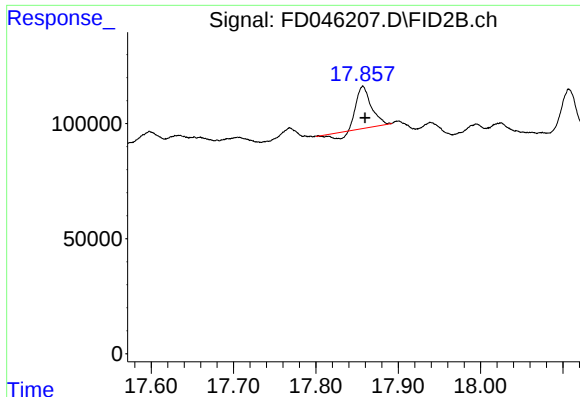
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: -0.033 min
Response: 773267
Conc: 5.64 ug/ml



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

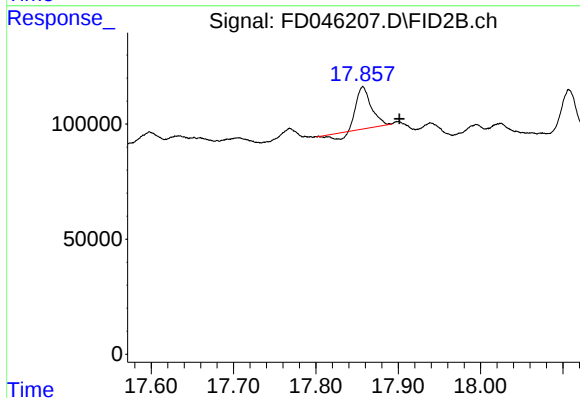
R.T.: 16.500 min
Delta R.T.: -0.003 min
Response: 428729
Conc: 3.29 ug/ml



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

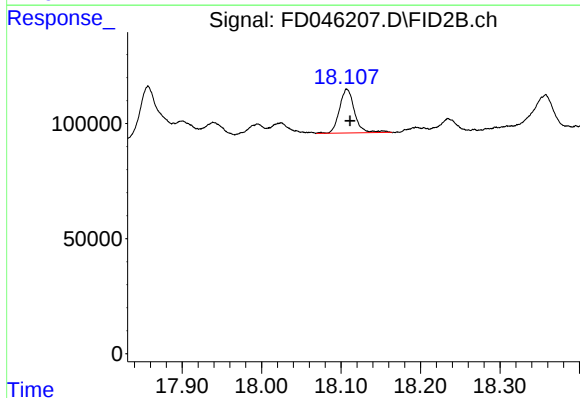
R.T.: 17.857 min
Delta R.T.: -0.002 min
Response: 204134
Conc: 1.70 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.857 min
Delta R.T.: -0.044 min
Response: 204134
Conc: 1.60 ug/ml



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

R.T.: 18.107 min
Delta R.T.: -0.004 min
Response: 251046
Conc: 1.98 ug/ml