

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046084.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 12:45
 Operator : YP/AJ
 Sample : PB154030BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 05:37:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.514	8527540	39.571 ug/ml
Spiked Amount 50.000		Recovery =	79.14%
6) S 2-Fluorobiphenyl (SURR)	8.367	3674962	26.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.11%
11) S ortho-Terphenyl (SURR)	11.412	14660662	57.828 ug/ml
Spiked Amount 50.000		Recovery =	115.66%
Target Compounds			
9) T Phenanthrene (C19.36)	10.631	178511	0.837 ug/ml
10) T Anthracene (C19.43)	10.705	115214	0.725 ug/ml
12) T Fluoranthene (C21.85)	12.432	315966	1.544 ug/ml
13) T Pyrene (C20.8)	12.727	326478	1.679 ug/ml
14) T Benzo[a]anthracene (C...	14.590	290639	1.616 ug/ml
15) T Chrysene (C27.41)	14.631	392271	1.999 ug/ml
16) T benzo[b]fluoranthene ...	16.130	343707	1.833 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	380698	1.925 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	262442	1.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	226083	1.215 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	178088	0.969 ug/ml
21) T Benzo[g,h,i]perylene ...	18.111	318408	1.704 ug/ml

(f)=RT Delta > 1/2 Window

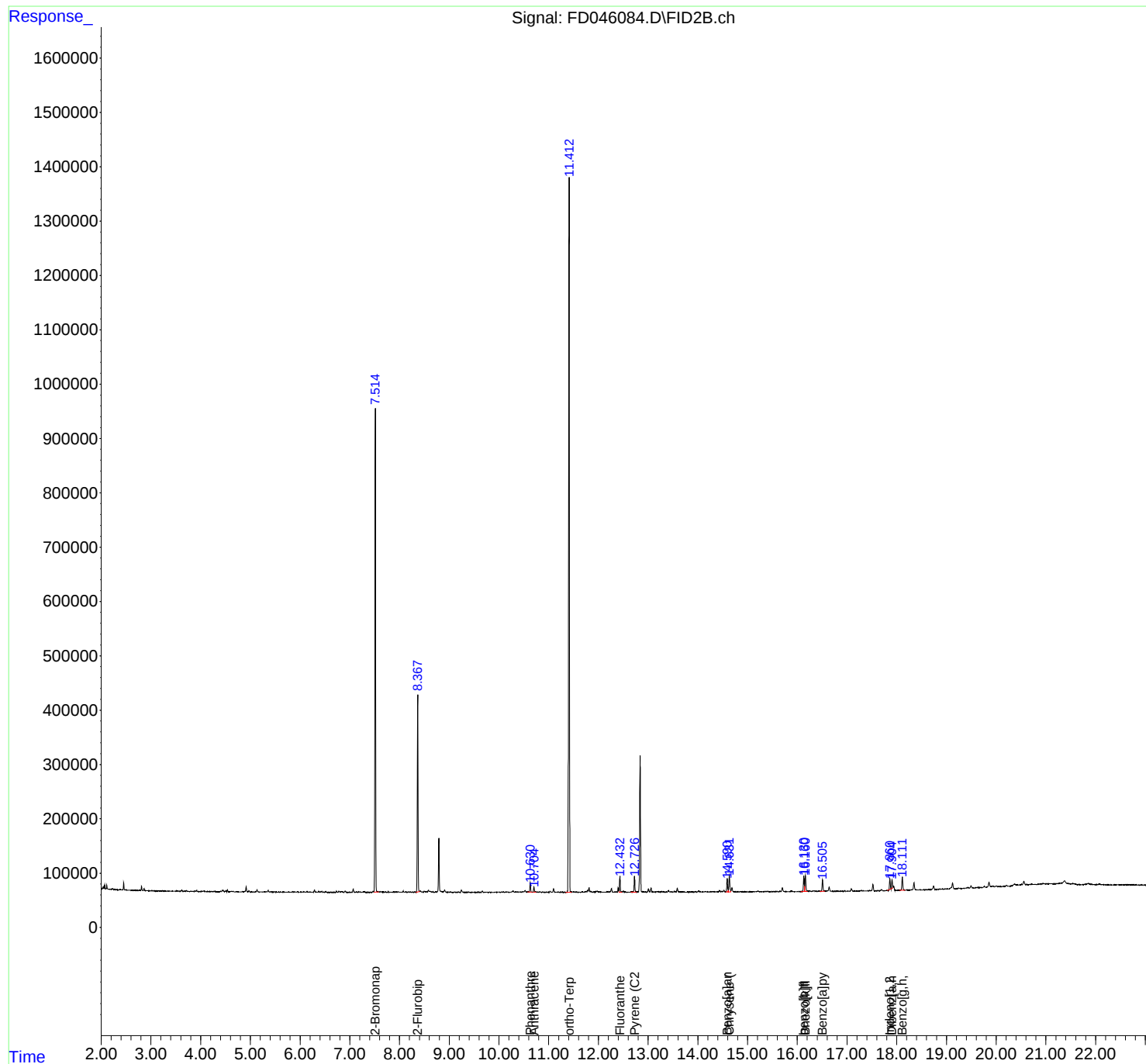
(m)=manual int.

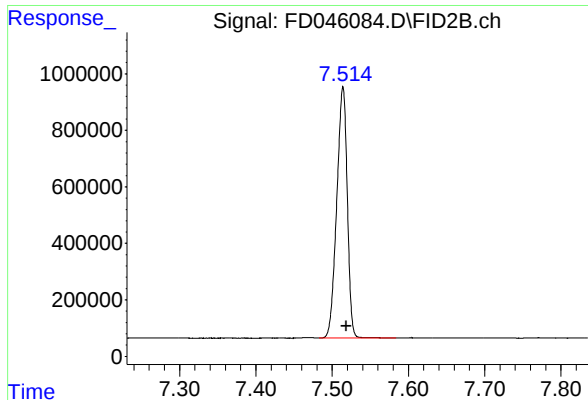
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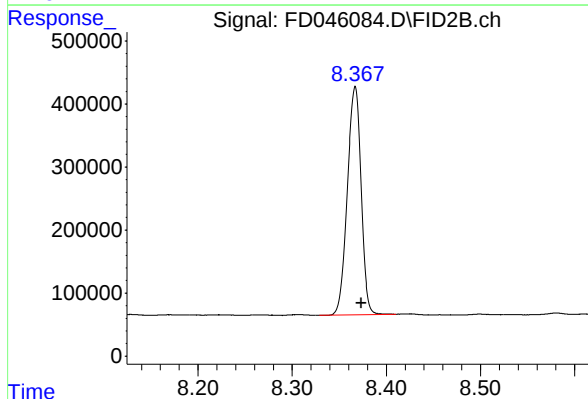




#4 2-Bromonaphthalene (SURR)

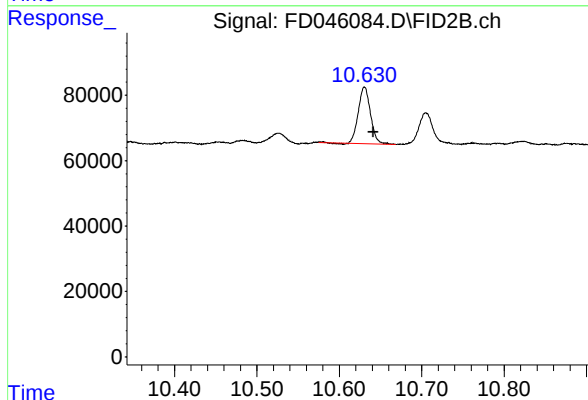
R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 8527540
Conc: 39.57 ug/ml

Instrument :
FID_D
ClientSampleId :



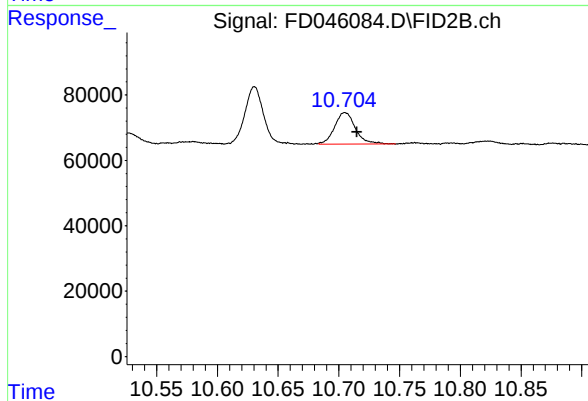
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.367 min
Delta R.T.: -0.007 min
Response: 3674962
Conc: 26.55 ug/ml



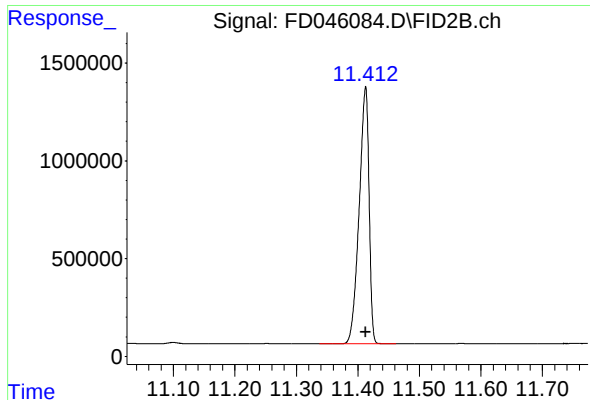
#9 Phenanthrene (C19.36)

R.T.: 10.631 min
Delta R.T.: -0.011 min
Response: 178511
Conc: 0.84 ug/ml



#10 Anthracene (C19.43)

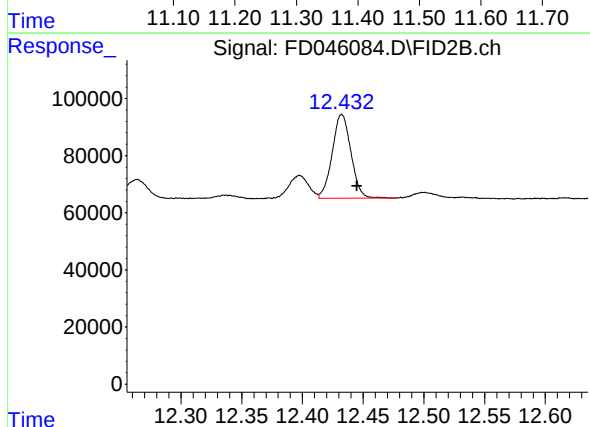
R.T.: 10.705 min
Delta R.T.: -0.010 min
Response: 115214
Conc: 0.73 ug/ml



#11 ortho-Terphenyl (SURR)

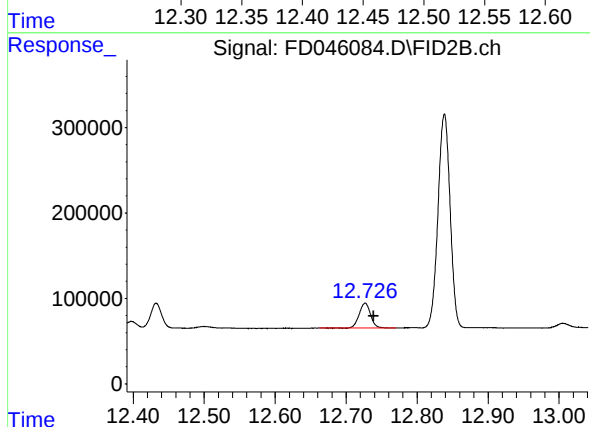
R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 14660662
Conc: 57.83 ug/ml

Instrument :
FID_D
ClientSampleId :



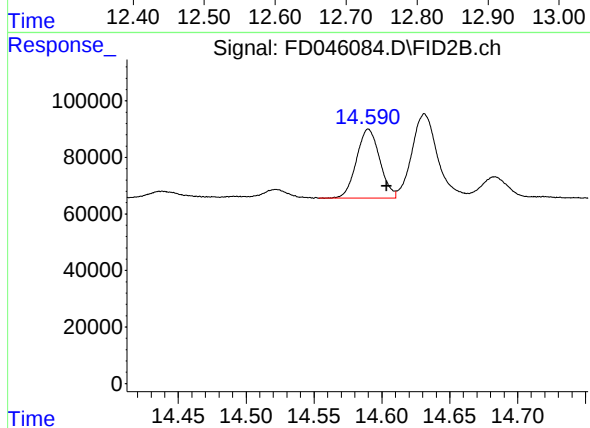
#12 Fluoranthene (C21.85)

R.T.: 12.432 min
Delta R.T.: -0.012 min
Response: 315966
Conc: 1.54 ug/ml



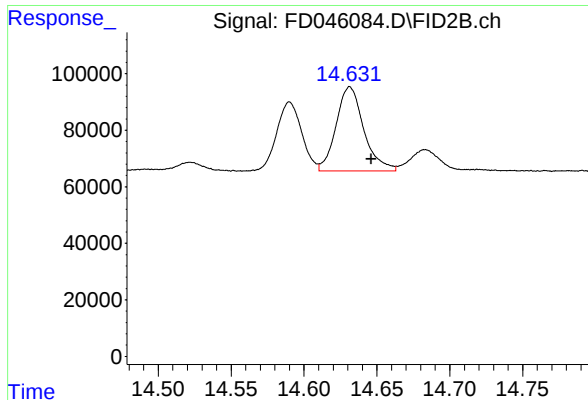
#13 Pyrene (C20.8)

R.T.: 12.727 min
Delta R.T.: -0.012 min
Response: 326478
Conc: 1.68 ug/ml



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

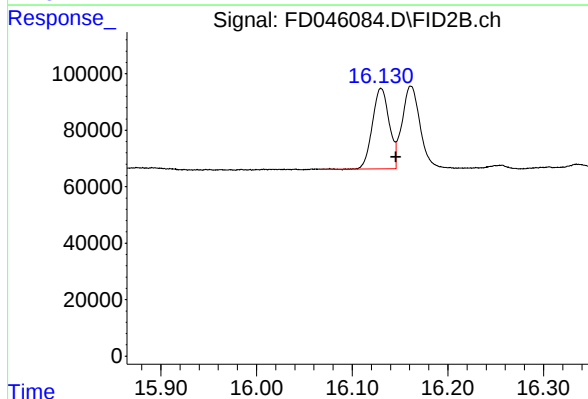
R.T.: 14.590 min
Delta R.T.: -0.013 min
Response: 290639
Conc: 1.62 ug/ml



#15 Chrysene (C27.41)

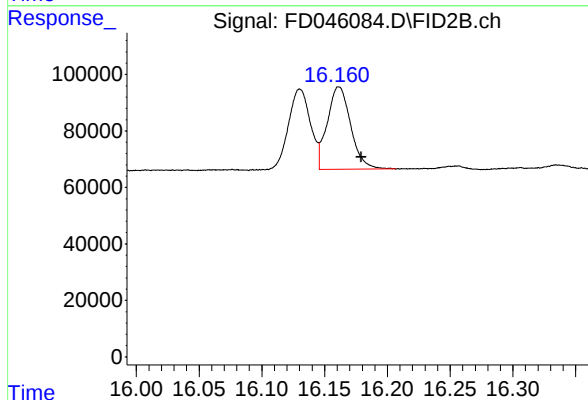
R.T.: 14.631 min
Delta R.T.: -0.015 min
Response: 392271
Conc: 2.00 ug/ml

Instrument :
FID_D
ClientSampleId :



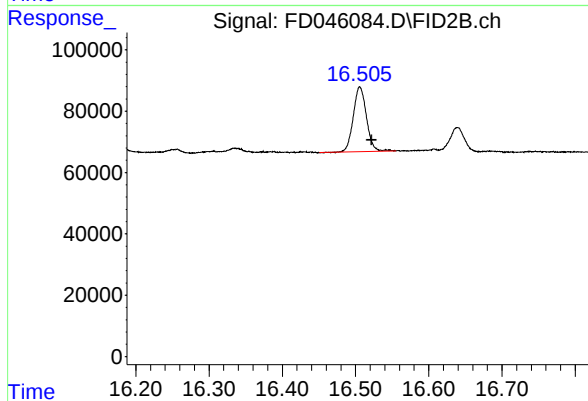
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: -0.015 min
Response: 343707
Conc: 1.83 ug/ml



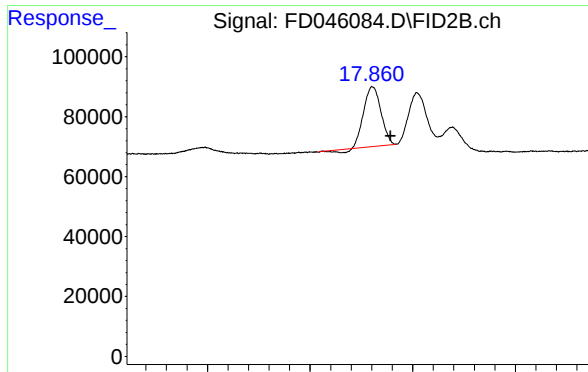
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: -0.018 min
Response: 380698
Conc: 1.92 ug/ml



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

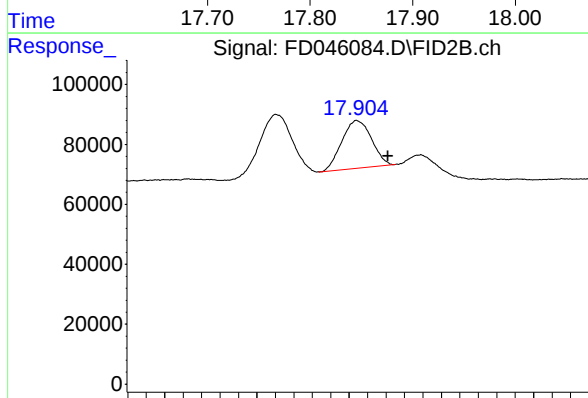
R.T.: 16.506 min
Delta R.T.: -0.016 min
Response: 262442
Conc: 1.51 ug/ml



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

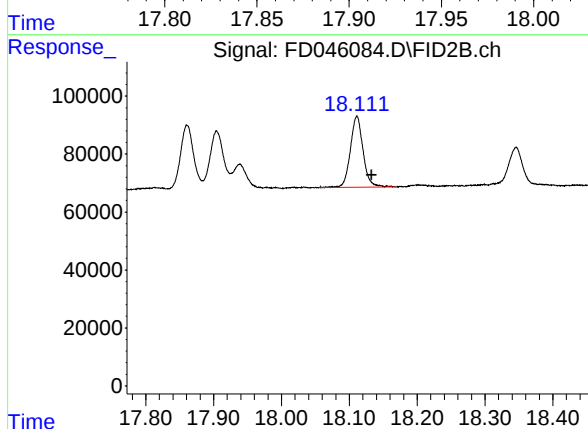
R.T.: 17.861 min
Delta R.T.: -0.018 min
Response: 226083
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.905 min
Delta R.T.: -0.016 min
Response: 178088
Conc: 0.97 ug/ml



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

R.T.: 18.111 min
Delta R.T.: -0.021 min
Response: 318408
Conc: 1.70 ug/ml