

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AR\
 Data File : FD045551.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 09:25
 Operator : YP/AJ
 Sample : 02530-05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 12:51:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.547	7455072	51.565 ug/ml
Spiked Amount 50.000		Recovery =	103.13%
6) S 2-Fluorobiphenyl (SURR)	8.402	4602552	49.358 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.72%
11) S ortho-Terphenyl (SURR)	11.442	5322491	29.740 ug/ml
Spiked Amount 50.000		Recovery =	59.48%
Target Compounds			
12) T Fluoranthene (C21.85)	12.468	62341	0.424 ug/ml
13) T Pyrene (C20.8)	12.765	44744	0.312 ug/ml
14) T Benzo[a]anthracene (C...	14.628	74871	0.571 ug/ml
15) T Chrysene (C27.41)	14.673	131392	0.963 ug/ml
16) T benzo[b]fluoranthene ...	16.168	95701	0.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	306782	2.293 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	128300	1.003 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	247317	1.969 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	352827	2.590 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	148355	1.132 ug/ml

(f)=RT Delta > 1/2 Window

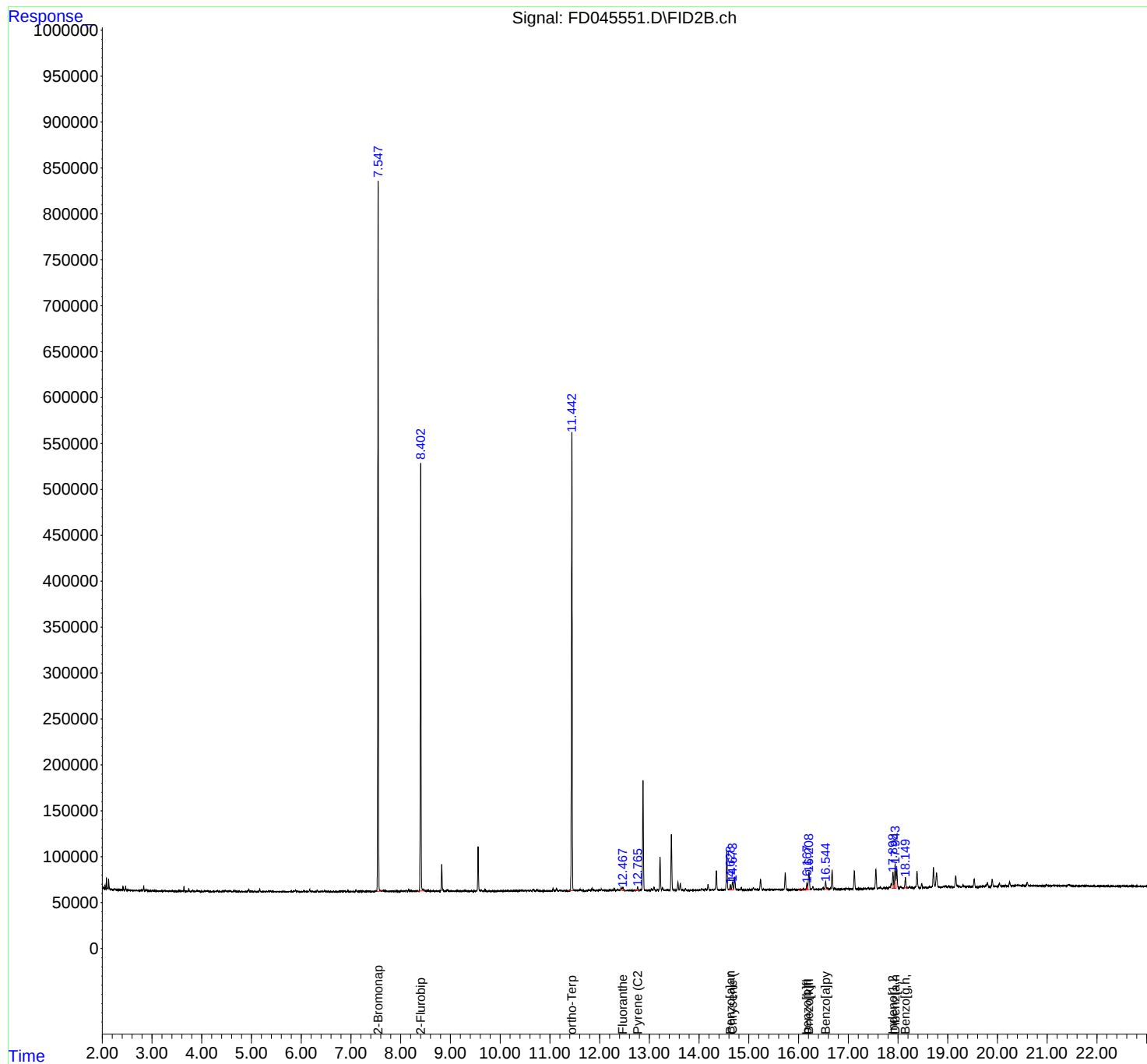
(m)=manual int.

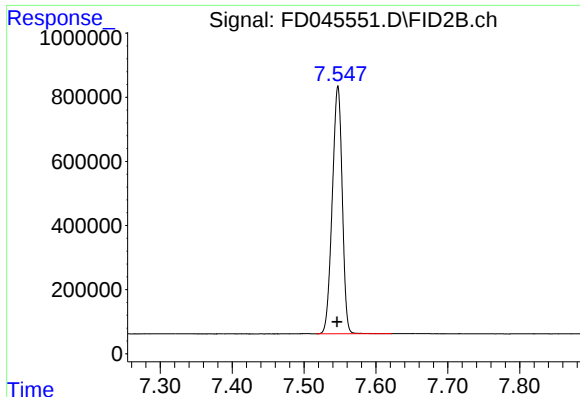
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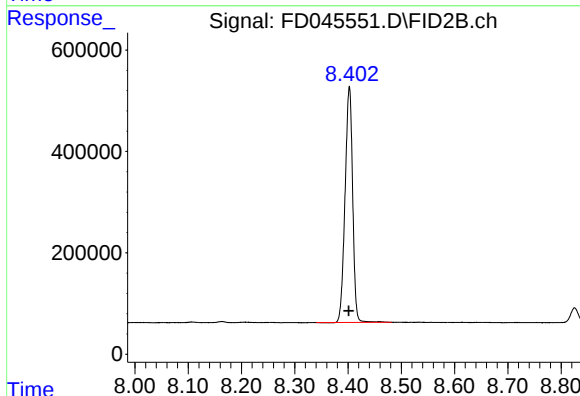




#4 2-Bromonaphthalene (SURRE)

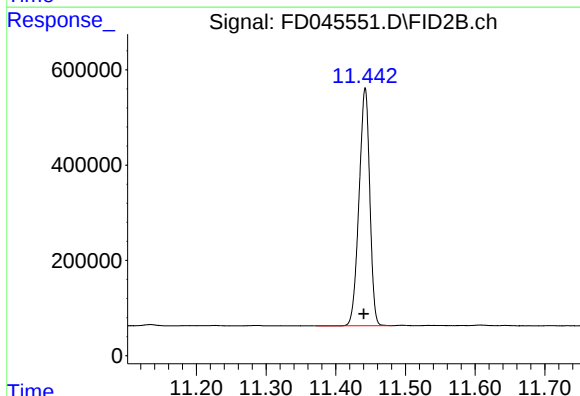
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 7455072
Conc: 51.56 ug/ml

Instrument :
FID_D
ClientSampleId :



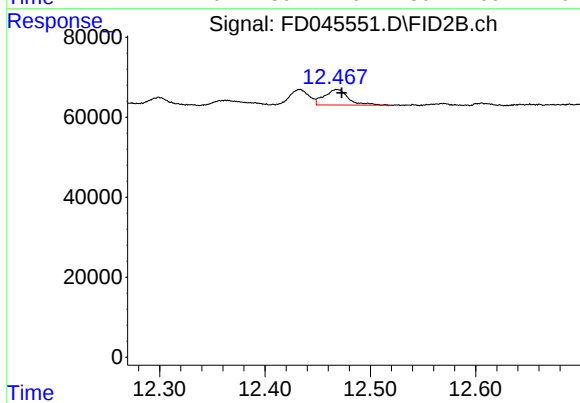
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 4602552
Conc: 49.36 ug/ml



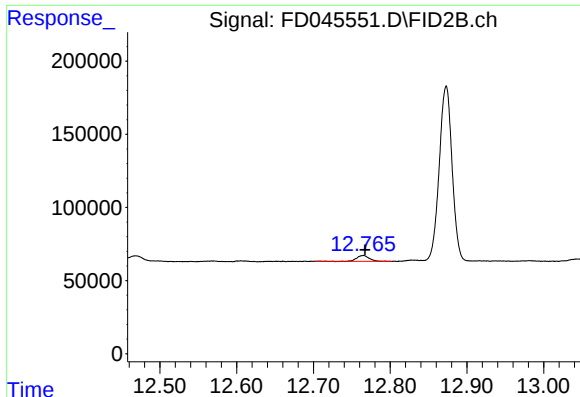
#11 ortho-Terphenyl (SURRE)

R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 5322491
Conc: 29.74 ug/ml



#12 Fluoranthene (C21.85)

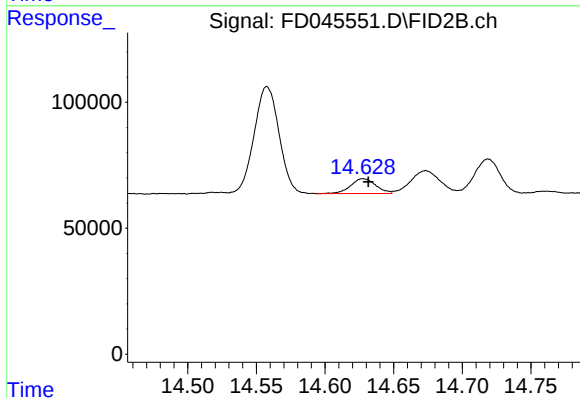
R.T.: 12.468 min
Delta R.T.: -0.004 min
Response: 62341
Conc: 0.42 ug/ml



#13 Pyrene (C20.8)

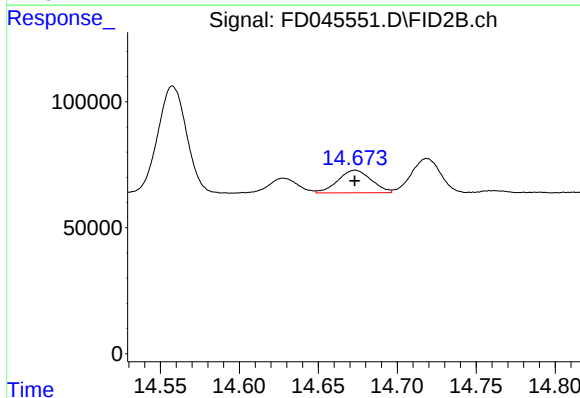
R.T.: 12.765 min
Delta R.T.: -0.003 min
Response: 44744
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



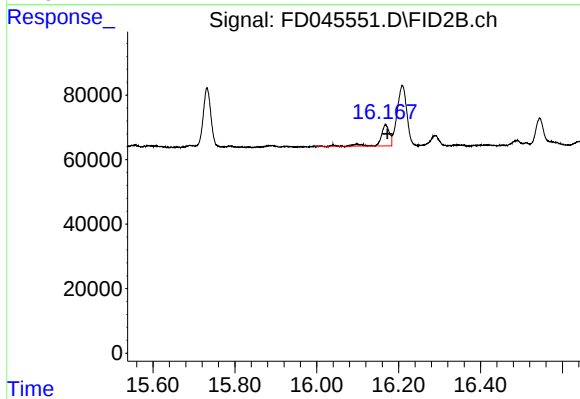
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.003 min
Response: 74871
Conc: 0.57 ug/ml



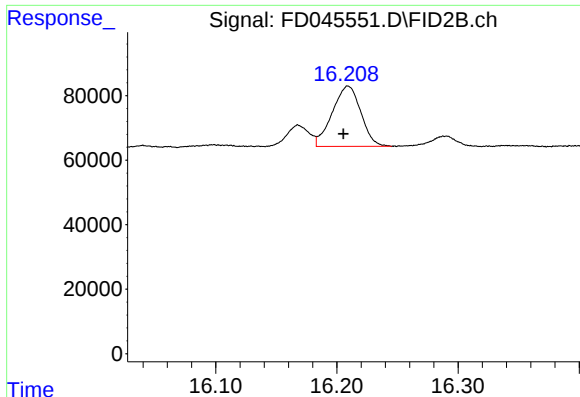
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 131392
Conc: 0.96 ug/ml



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

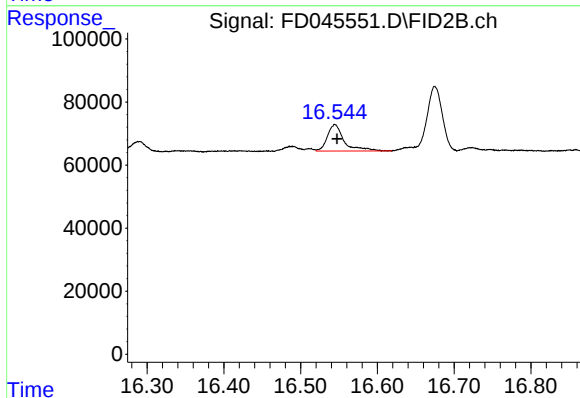
R.T.: 16.168 min
Delta R.T.: -0.005 min
Response: 95701
Conc: 0.72 ug/ml



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

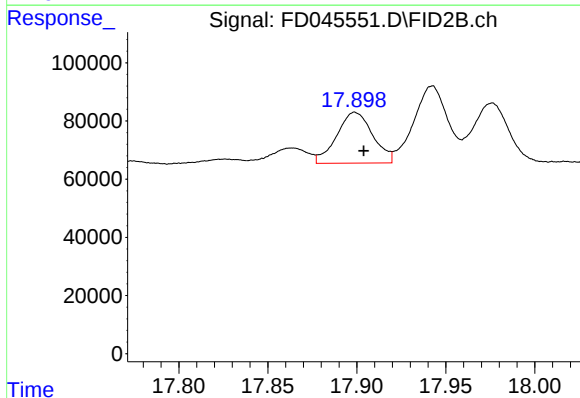
R.T.: 16.209 min
Delta R.T.: 0.004 min
Response: 306782
Conc: 2.29 ug/ml

Instrument :
FID_D
ClientSampleId :



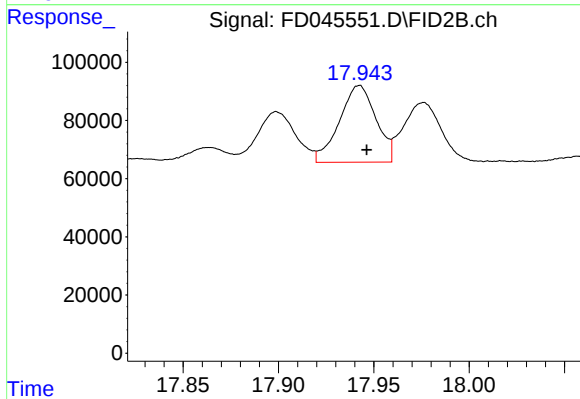
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.545 min
Delta R.T.: -0.003 min
Response: 128300
Conc: 1.00 ug/ml



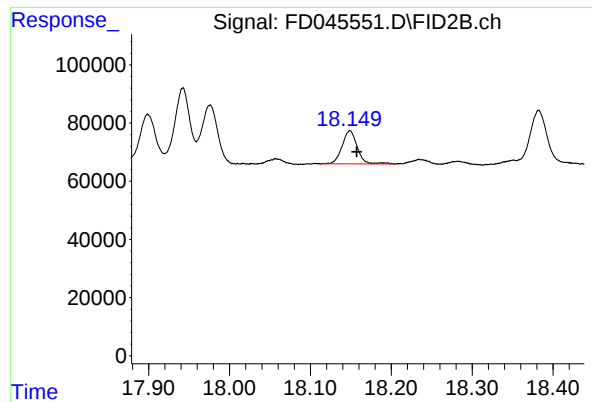
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: -0.005 min
Response: 247317
Conc: 1.97 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.004 min
Response: 352827
Conc: 2.59 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 148355
Conc: 1.13 ug/ml

Instrument :
FID_D
ClientSampleId :