

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045336.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 19:31
 Operator : YP/AJ
 Sample : 02012-01D
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:28:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.549	6126249	45.143 ug/ml
Spiked Amount 50.000		Recovery =	90.29%
6) S 2-Fluorobiphenyl (SURR)	8.405	3823815	42.708 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.42%
11) S ortho-Terphenyl (SURR)	11.446	6574157	39.495 ug/ml
Spiked Amount 50.000		Recovery =	78.99%
Target Compounds			
9) T Phenanthrene (C19.36)	10.669	68408	0.479 ug/ml
12) T Fluoranthene (C21.85)	12.473	132832	0.951 ug/ml
13) T Pyrene (C20.8)	12.768	125388	0.921 ug/ml
14) T Benzo[a]anthracene (C...	14.631	65226	0.512 ug/ml
15) T Chrysene (C27.41)	14.672	82762	0.635 ug/ml
16) T benzo[b]fluoranthene ...	16.174	54911	0.426 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	54911	0.435 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	63914	0.508 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	103688	0.867 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	86118	0.714 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	96453	0.775 ug/ml

(f)=RT Delta > 1/2 Window

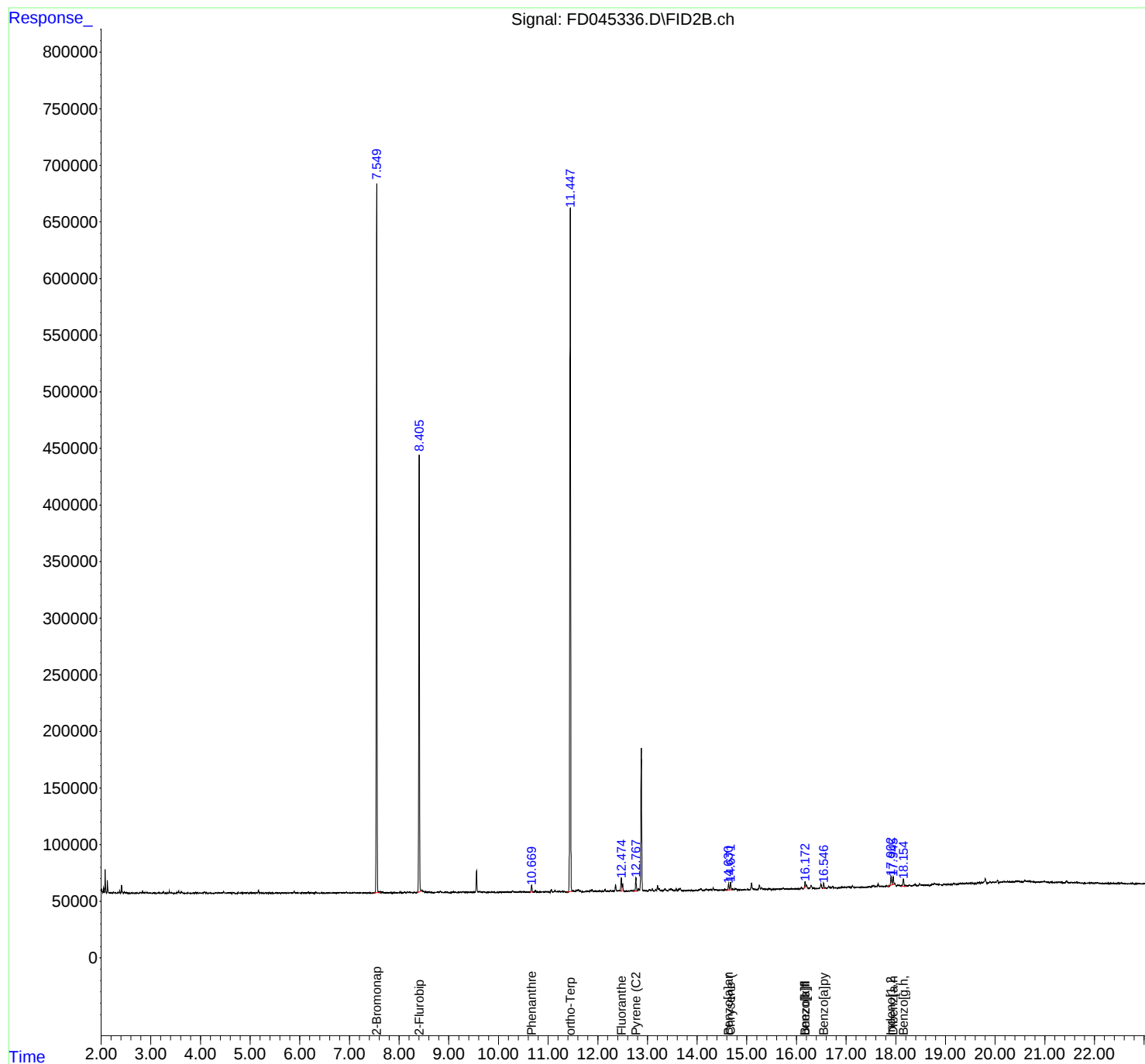
(m)=manual int.

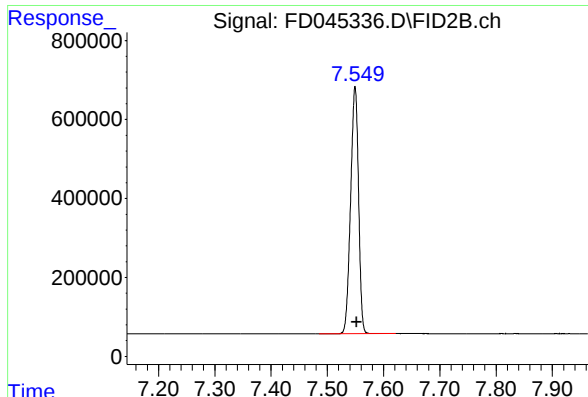
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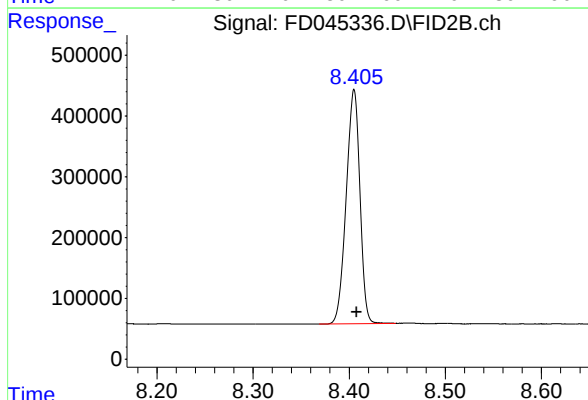




#4 2-Bromonaphthalene (SURR)

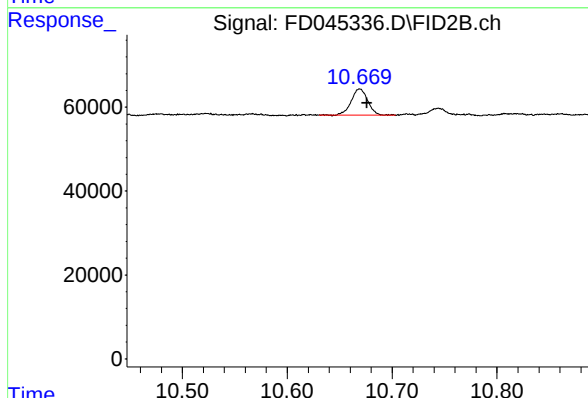
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 6126249
Conc: 45.14 ug/ml

Instrument :
FID_D
ClientSampleId :



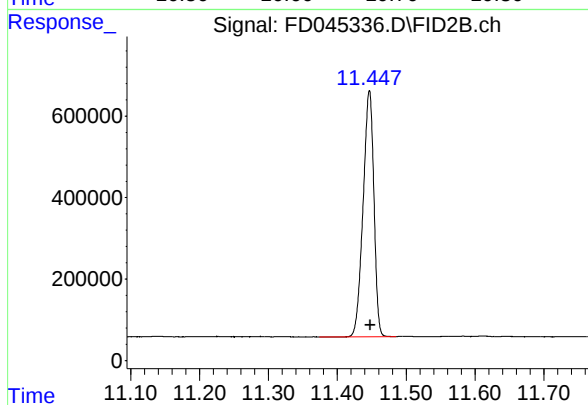
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.003 min
Response: 3823815
Conc: 42.71 ug/ml



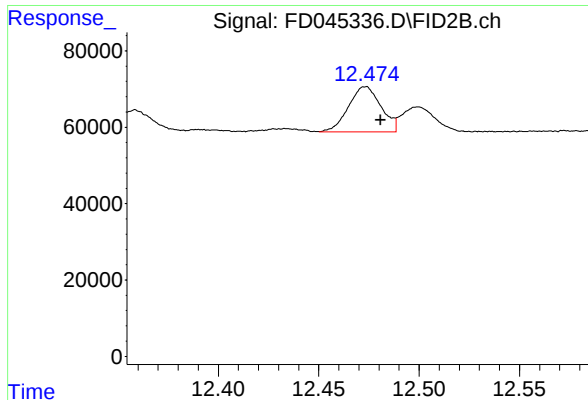
#9 Phenanthrene (C19.36)

R.T.: 10.669 min
Delta R.T.: -0.007 min
Response: 68408
Conc: 0.48 ug/ml



#11 ortho-Terphenyl (SURR)

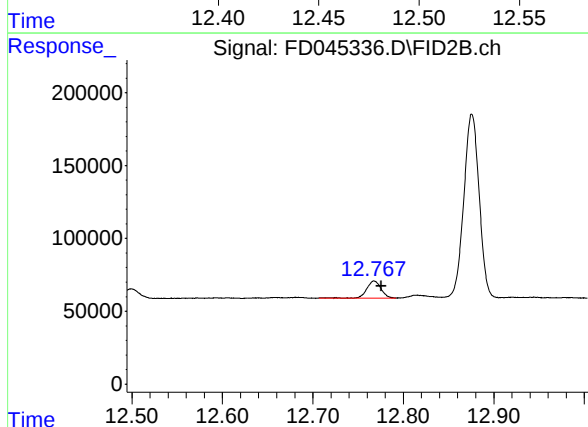
R.T.: 11.446 min
Delta R.T.: -0.001 min
Response: 6574157
Conc: 39.50 ug/ml



#12 Fluoranthene (C21.85)

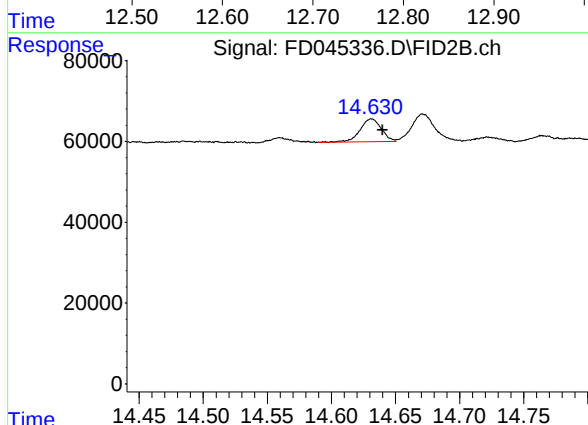
R.T.: 12.473 min
Delta R.T.: -0.008 min
Response: 132832
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



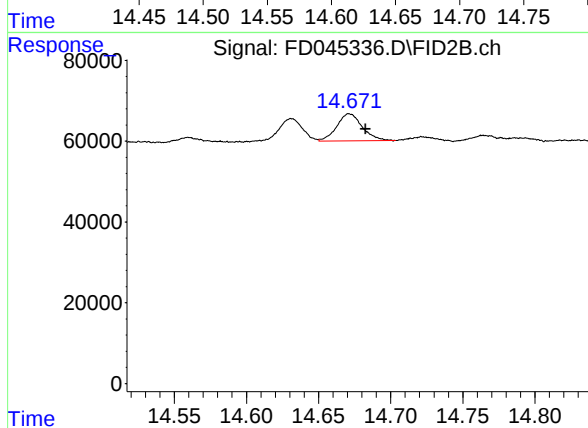
#13 Pyrene (C20.8)

R.T.: 12.768 min
Delta R.T.: -0.008 min
Response: 125388
Conc: 0.92 ug/ml



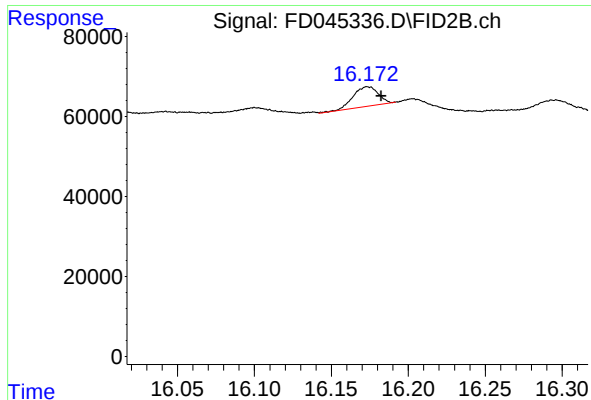
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: -0.009 min
Response: 65226
Conc: 0.51 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: -0.011 min
Response: 82762
Conc: 0.64 ug/ml



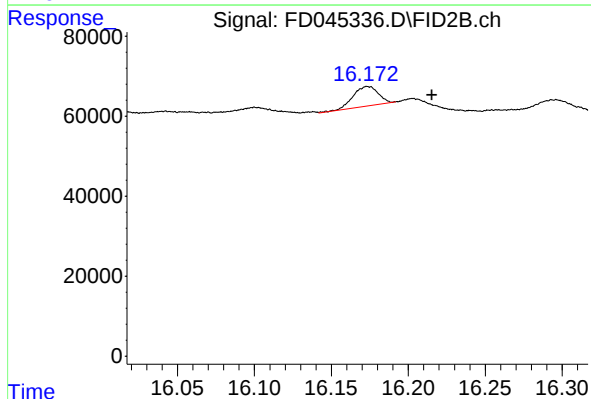
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.174 min
Delta R.T.: -0.009 min
Response: 54911
Conc: 0.43 ug/ml

Instrument :

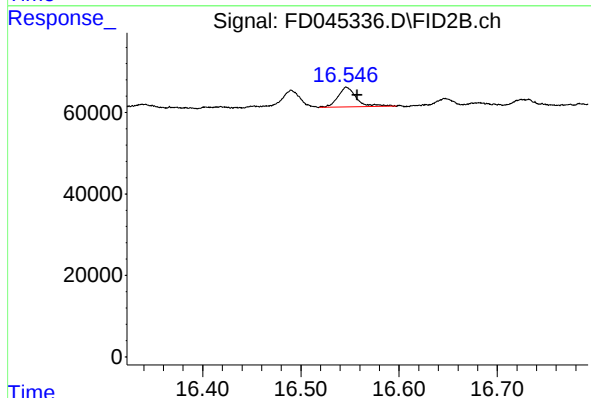
FID_D

ClientSampleId :



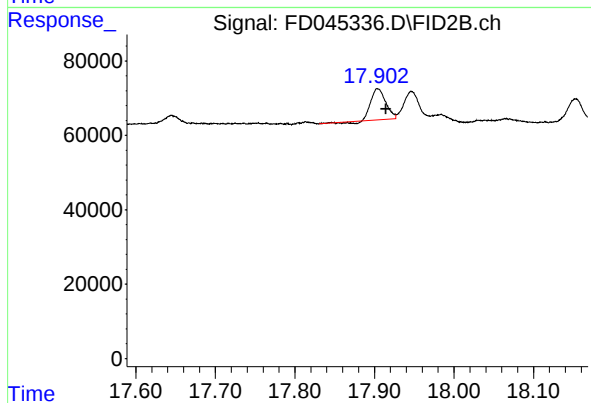
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.174 min
Delta R.T.: -0.042 min
Response: 54911
Conc: 0.43 ug/ml



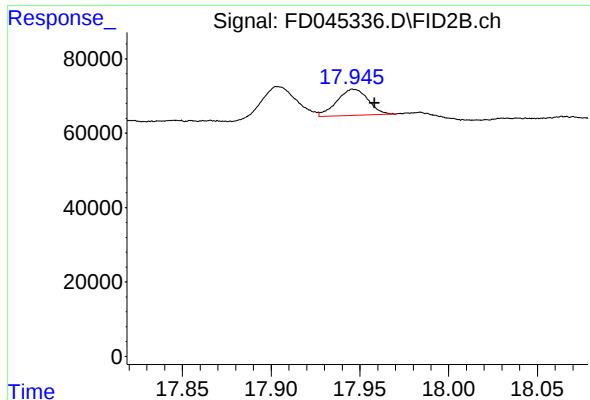
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: -0.011 min
Response: 63914
Conc: 0.51 ug/ml



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

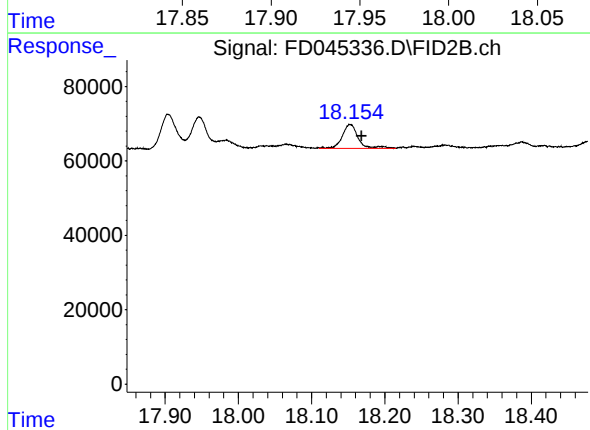
R.T.: 17.904 min
Delta R.T.: -0.010 min
Response: 103688
Conc: 0.87 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.012 min
Response: 86118
Conc: 0.71 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.153 min
Delta R.T.: -0.015 min
Response: 96453
Conc: 0.78 ug/ml