

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048723.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 20:16
 Operator : YP/AJ
 Sample : P4822-01
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 01:46:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.367	7057358	46.498 ug/ml
Spiked Amount 50.000		Recovery =	93.00%
6) S 2-Fluorobiphenyl (SURR)	8.217	4628849	47.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.28%
11) S ortho-Terphenyl (SURR)	11.252	5612416	32.948 ug/ml
Spiked Amount 50.000		Recovery =	65.90%
Target Compounds			
12) T Fluoranthene (C21.85)	12.288	78831	0.479 ug/ml
13) T Pyrene (C20.8)	12.579	60179	0.374 ug/ml
14) T Benzo[a]anthracene (C...	14.493	64310	0.440 ug/ml
15) T Chrysene (C27.41)	14.493	64310	0.391 ug/ml
16) T benzo[b]fluoranthene ...	15.999	36680	0.241 ug/ml
17) T Bnezo[k]fluoranthene ...	15.999	36680	0.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	536555	4.112 ug/ml
20) T Dibenz[a,h]anthracene...	17.804	59964	0.368 ug/ml

(f)=RT Delta > 1/2 Window

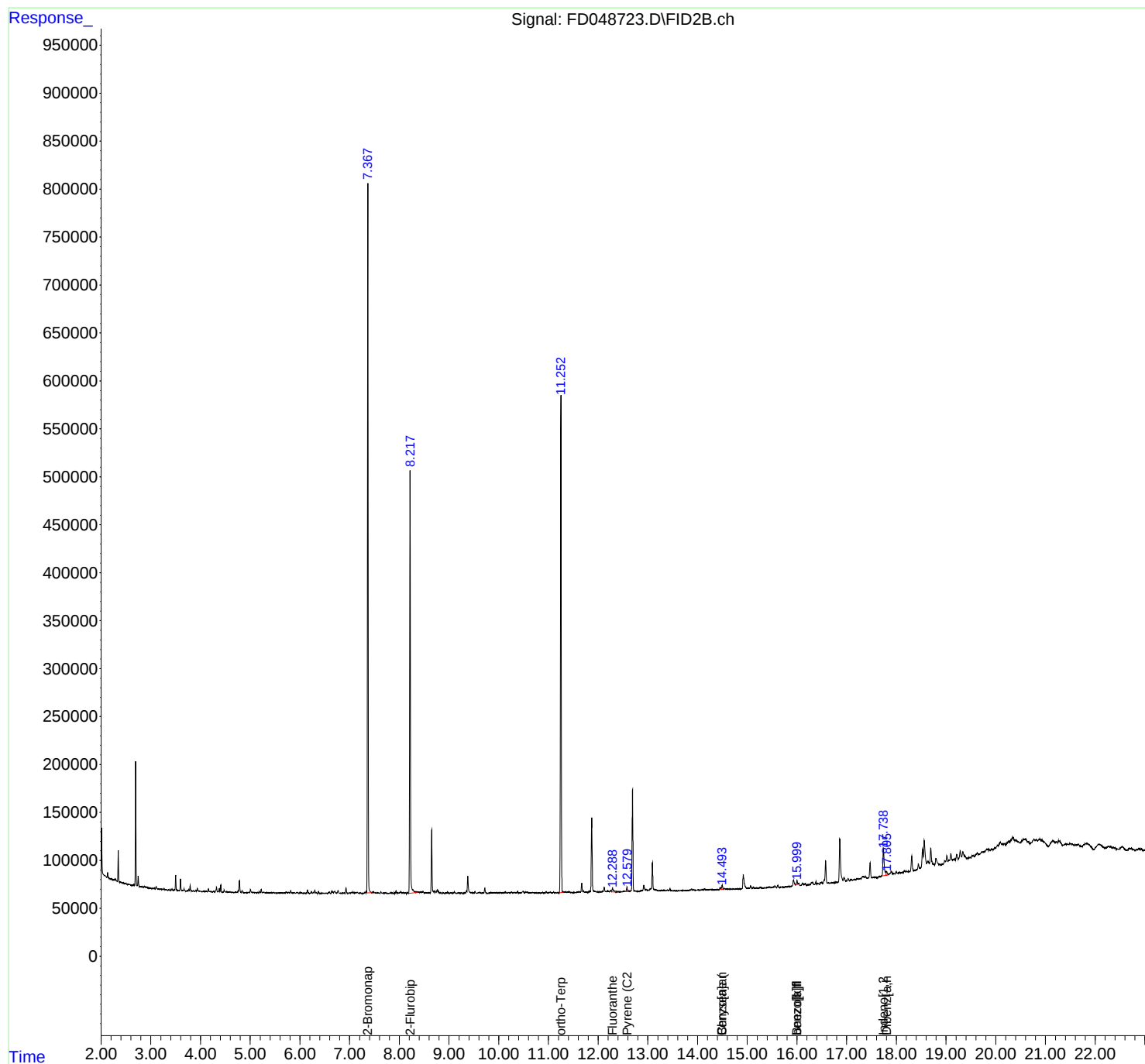
(m)=manual int.

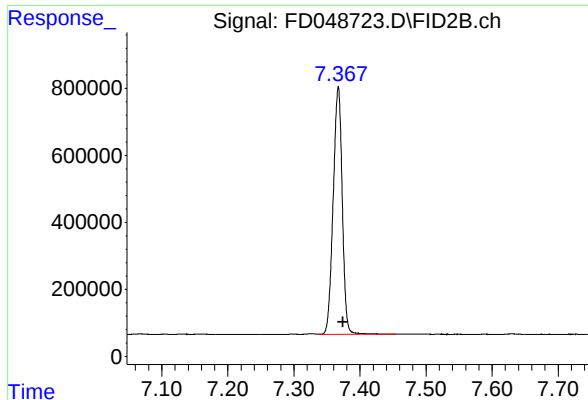
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

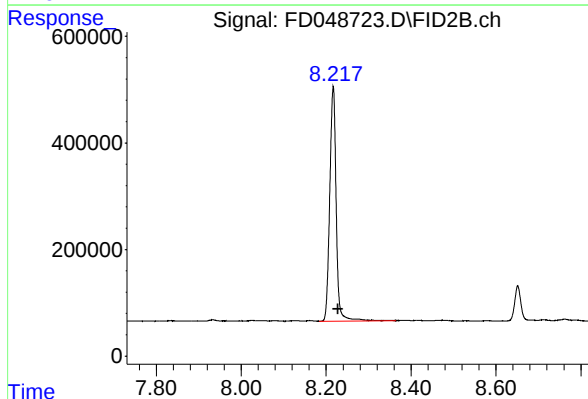




#4 2-Bromonaphthalene (SURR)

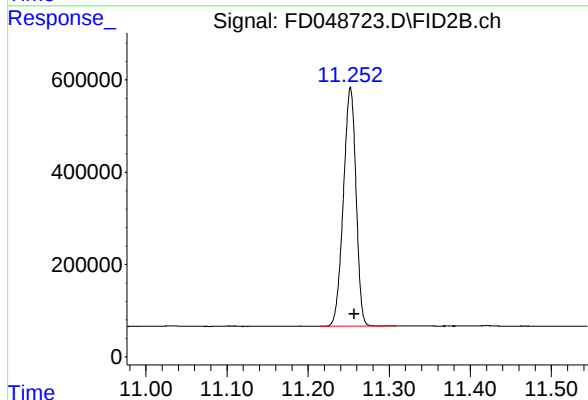
R.T.: 7.367 min
Delta R.T.: -0.008 min
Response: 7057358
Conc: 46.50 ug/ml

Instrument :
FID_D
ClientSampleId :



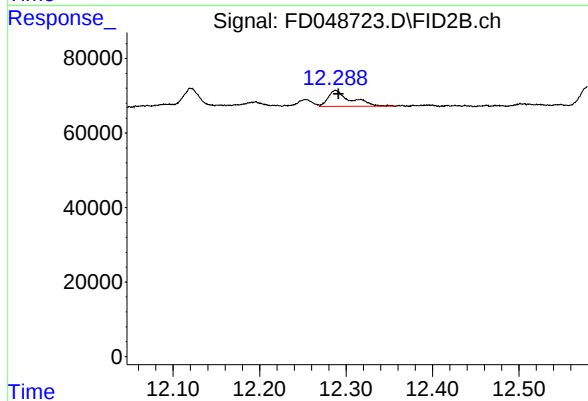
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.012 min
Response: 4628849
Conc: 47.14 ug/ml



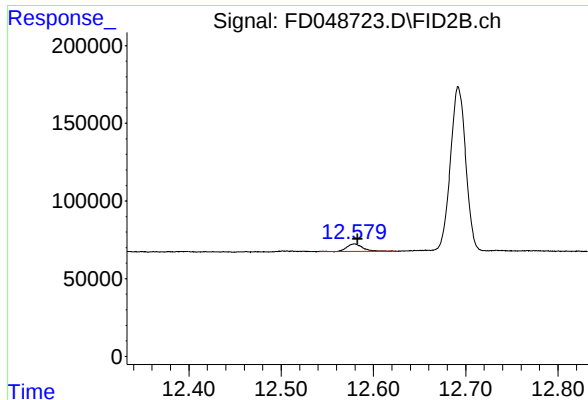
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 5612416
Conc: 32.95 ug/ml



#12 Fluoranthene (C21.85)

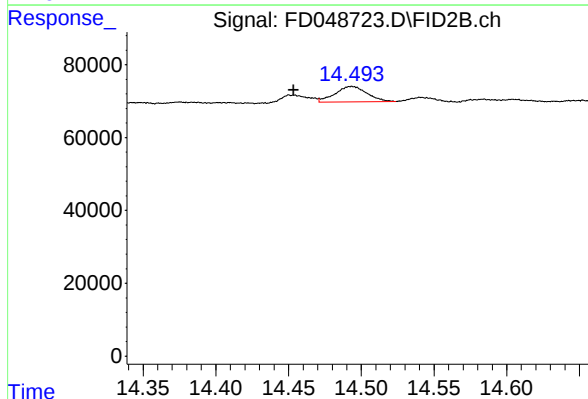
R.T.: 12.288 min
Delta R.T.: -0.003 min
Response: 78831
Conc: 0.48 ug/ml



#13 Pyrene (C20.8)

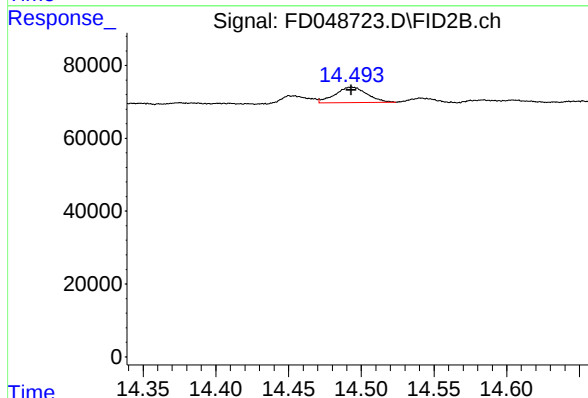
R.T.: 12.579 min
Delta R.T.: -0.004 min
Response: 60179
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



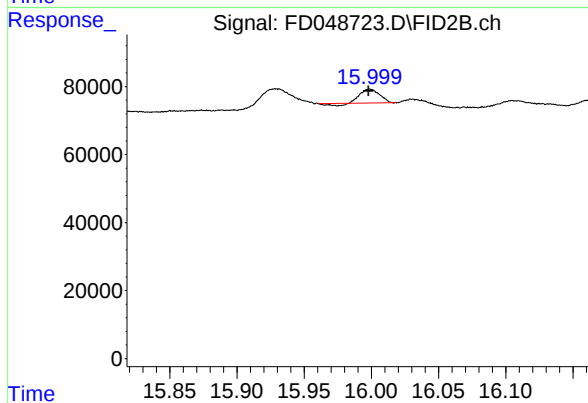
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.493 min
Delta R.T.: 0.040 min
Response: 64310
Conc: 0.44 ug/ml



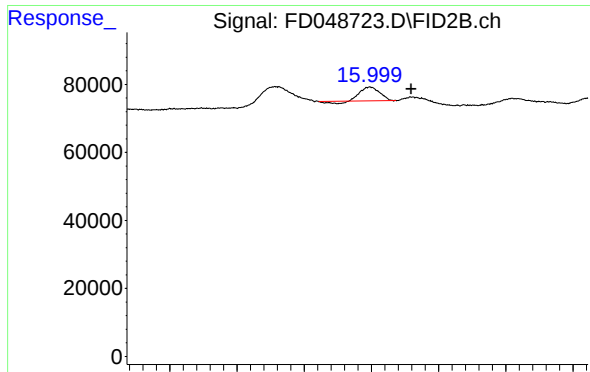
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 64310
Conc: 0.39 ug/ml



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

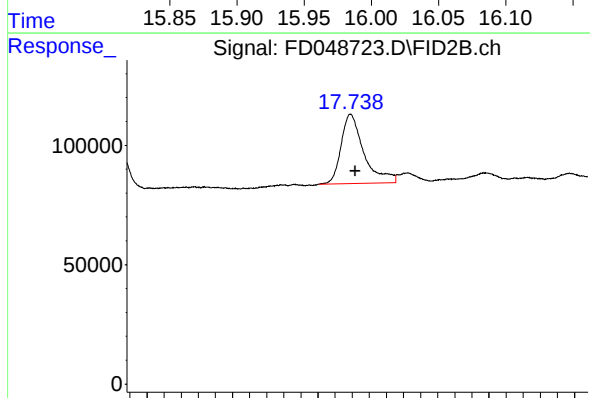
R.T.: 15.999 min
Delta R.T.: 0.001 min
Response: 36680
Conc: 0.24 ug/ml



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

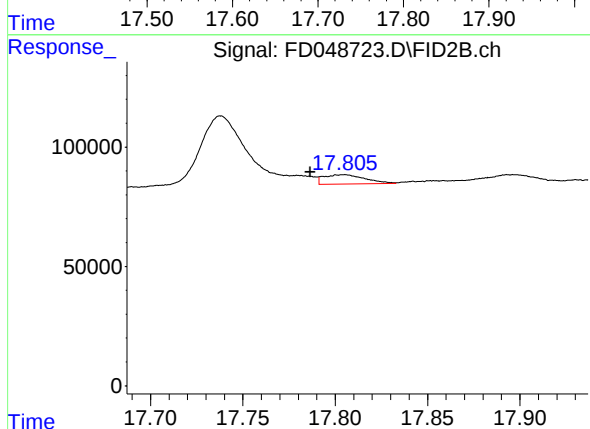
R.T.: 15.999 min
Delta R.T.: -0.031 min
Response: 36680
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.738 min
Delta R.T.: -0.006 min
Response: 536555
Conc: 4.11 ug/ml



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

R.T.: 17.804 min
Delta R.T.: 0.017 min
Response: 59964
Conc: 0.37 ug/ml