

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048724.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 20:52
 Operator : YP/AJ
 Sample : P4822-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 01:46:25 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...	7.368	8457342	55.721 ug/ml
Spiked Amount 50.000		Recovery =	111.44%
6) S 2-Fluorobiphenyl (SURR)	8.218	5519312	56.209 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.42%
11) S ortho-Terphenyl (SURR)	11.253	6678235	39.205 ug/ml
Spiked Amount 50.000		Recovery =	78.41%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.768	66055	0.369 ug/ml
9) T Phenanthrene (C19.36)	10.484	60456	0.366 ug/ml
12) T Fluoranthene (C21.85)	12.284	150807	0.916 ug/ml
13) T Pyrene (C20.8)	12.576	122124	0.758 ug/ml
14) T Benzo[a]anthracene (C...	14.448	35896	0.246 ug/ml
15) T Chrysene (C27.41)	14.488	101561	0.617 ug/ml
16) T benzo[b]fluoranthene ...	15.995	70956	0.467 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	70956	0.472 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	62677	0.416 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	469175	3.596 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	109306	0.672 ug/ml
21) T Benzo[g,h,i]perylene ...	17.989	70135	0.458 ug/ml

(f)=RT Delta > 1/2 Window

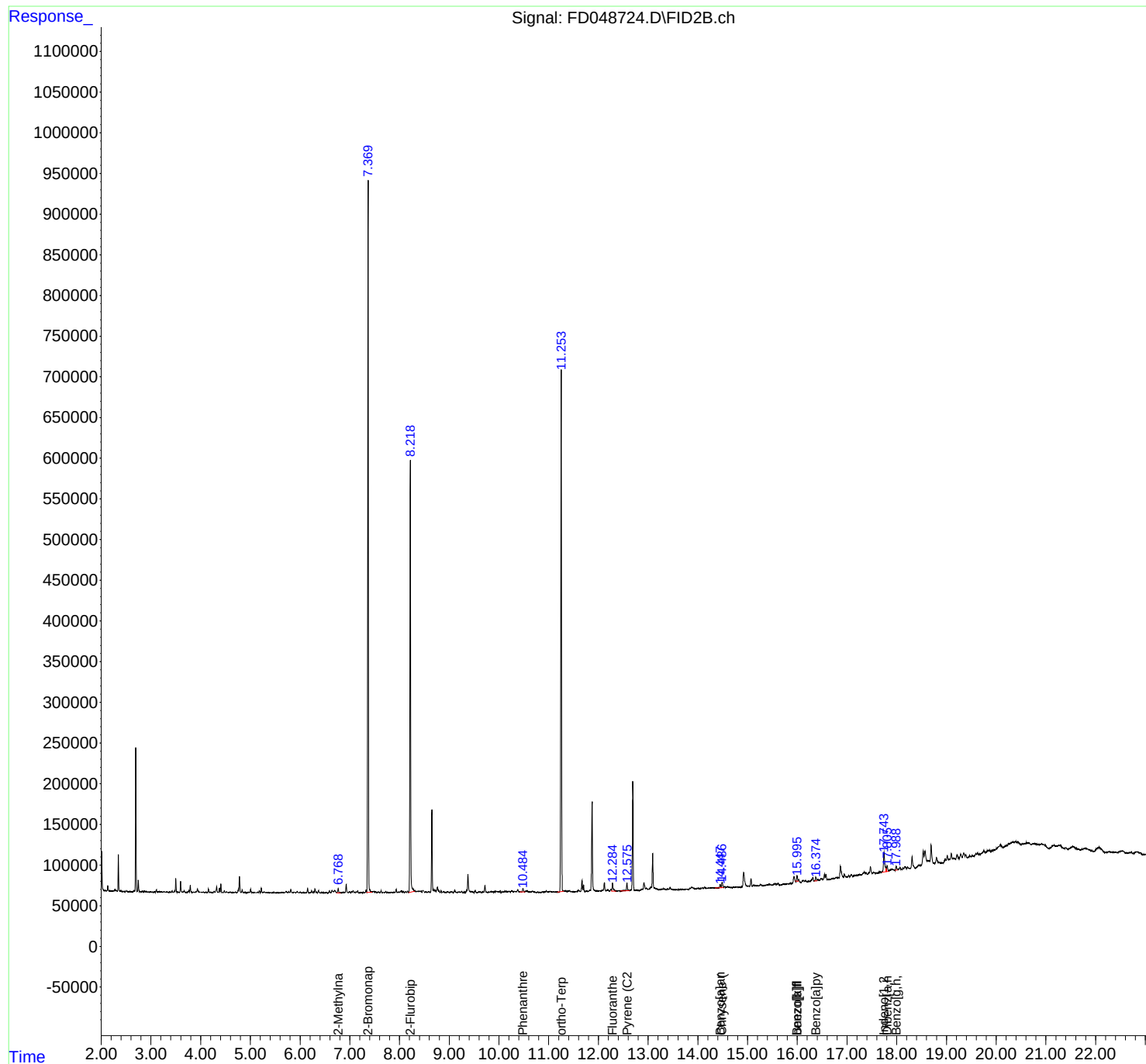
(m)=manual int.

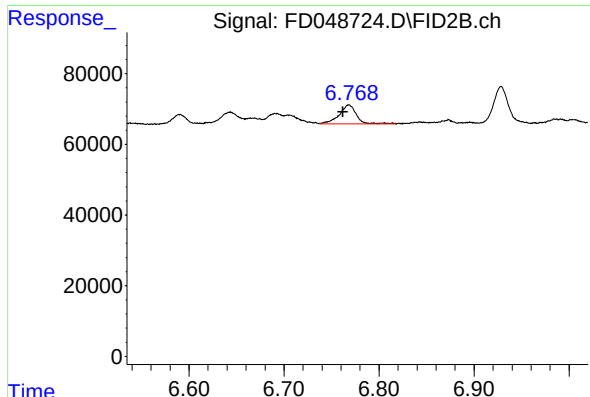
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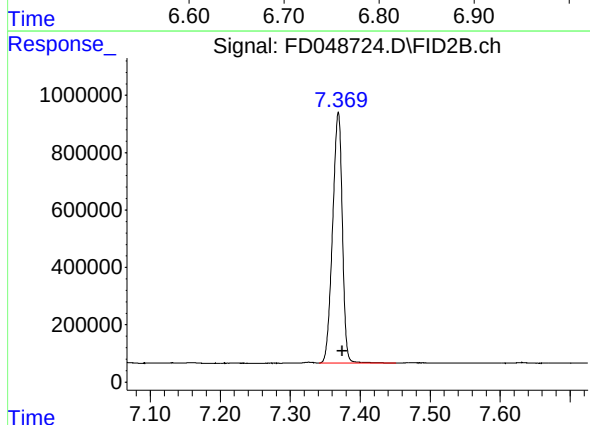




#3 2-Methylnaphthalene (C12.89)

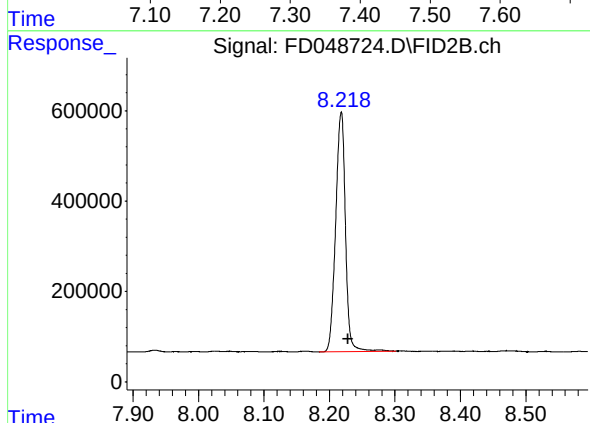
R.T.: 6.768 min
Delta R.T.: 0.006 min
Response: 66055
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



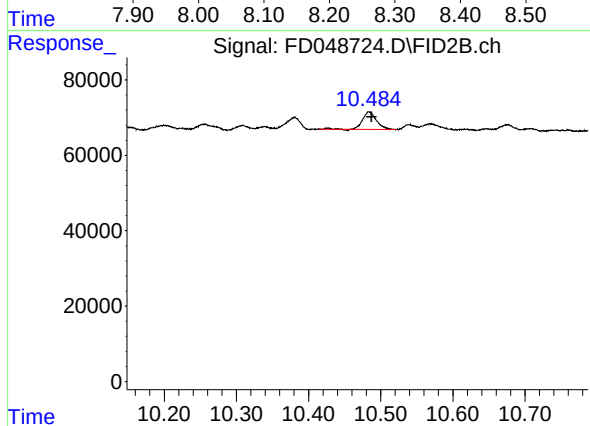
#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 8457342
Conc: 55.72 ug/ml



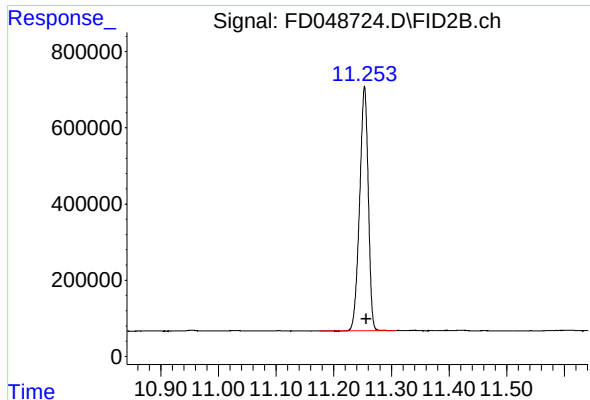
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 5519312
Conc: 56.21 ug/ml



#9 Phenanthrene (C19.36)

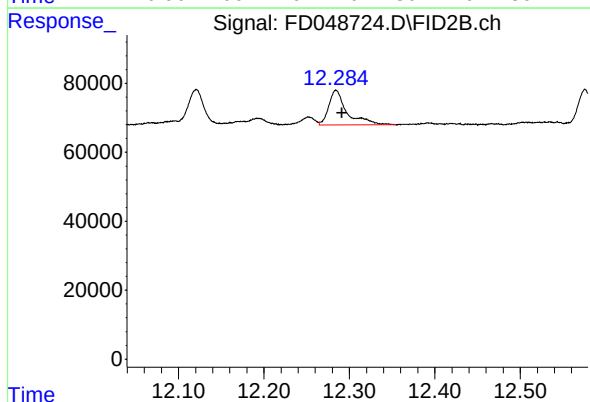
R.T.: 10.484 min
Delta R.T.: -0.003 min
Response: 60456
Conc: 0.37 ug/ml



#11 ortho-Terphenyl (SURR)

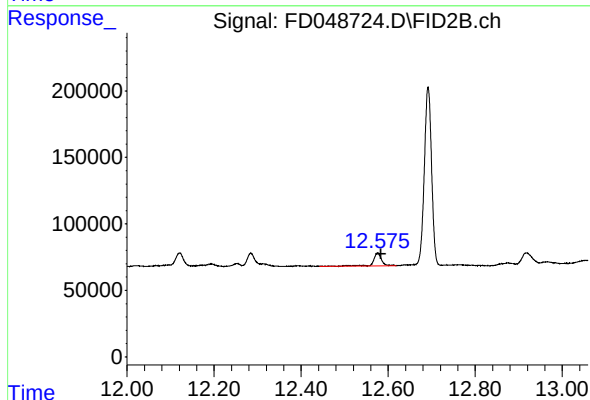
R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 6678235
Conc: 39.21 ug/ml

Instrument :
FID_D
ClientSampleId :



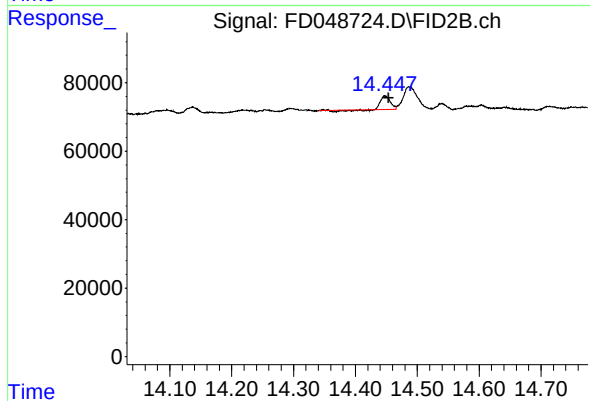
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.007 min
Response: 150807
Conc: 0.92 ug/ml



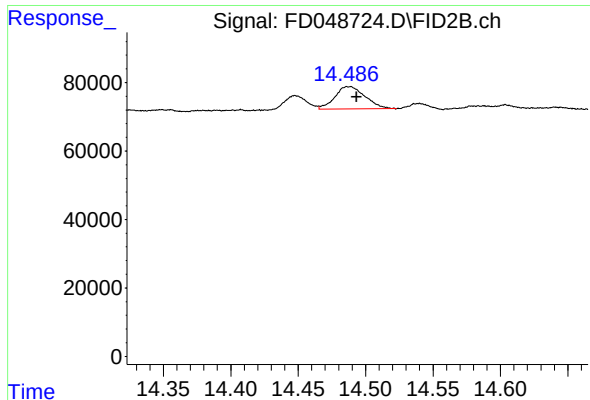
#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: -0.007 min
Response: 122124
Conc: 0.76 ug/ml



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

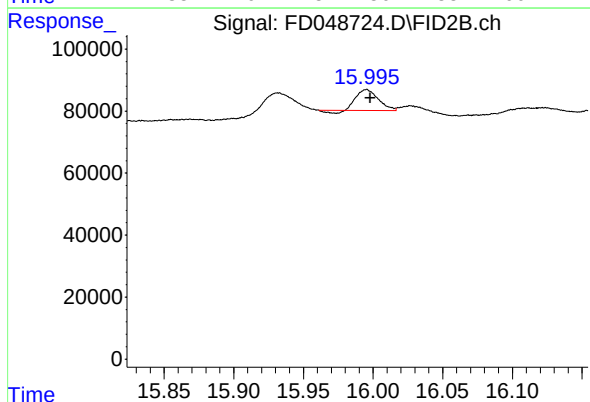
R.T.: 14.448 min
Delta R.T.: -0.005 min
Response: 35896
Conc: 0.25 ug/ml



#15 Chrysene (C27.41)

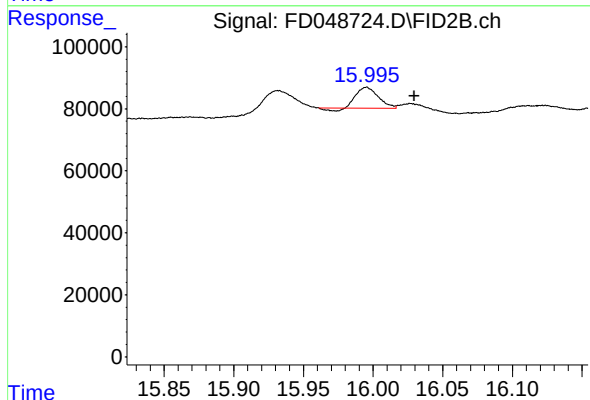
R.T.: 14.488 min
Delta R.T.: -0.006 min
Response: 101561
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



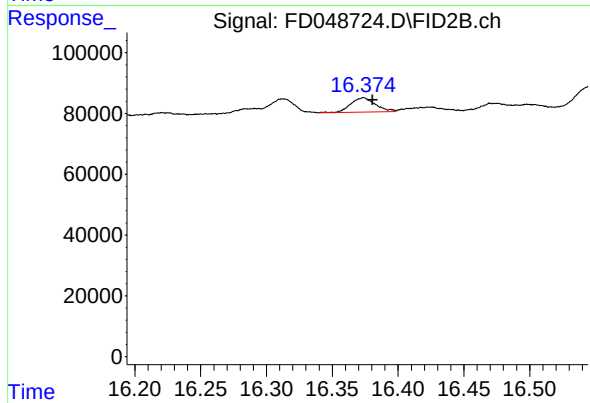
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.995 min
Delta R.T.: -0.003 min
Response: 70956
Conc: 0.47 ug/ml



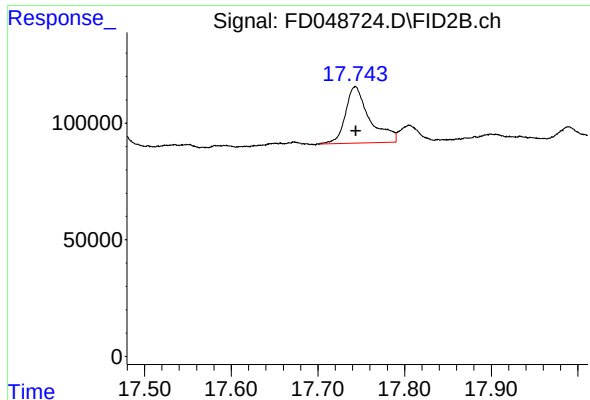
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.995 min
Delta R.T.: -0.034 min
Response: 70956
Conc: 0.47 ug/ml



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

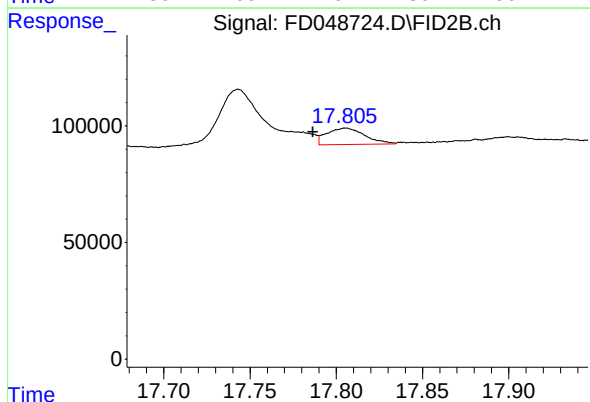
R.T.: 16.373 min
Delta R.T.: -0.007 min
Response: 62677
Conc: 0.42 ug/ml



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

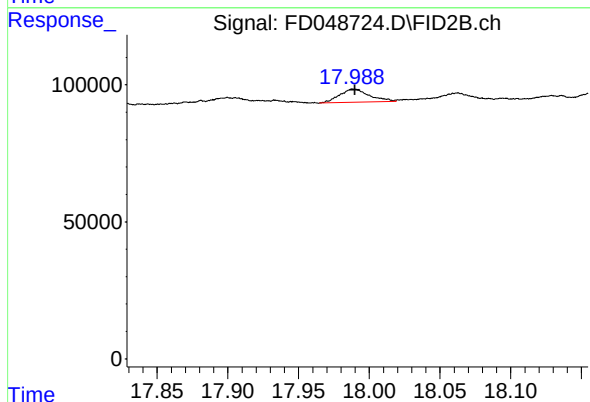
R.T.: 17.743 min
Delta R.T.: 0.000 min
Response: 469175
Conc: 3.60 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.805 min
Delta R.T.: 0.019 min
Response: 109306
Conc: 0.67 ug/ml



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

R.T.: 17.989 min
Delta R.T.: 0.000 min
Response: 70135
Conc: 0.46 ug/ml