

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048306.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 14:05
 Operator : YP/AJ
 Sample : P3905-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 01:17:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.389	6428943	42.390 ug/ml
Spiked Amount 50.000		Recovery =	84.78%
6) S 2-Fluorobiphenyl (SURR)	8.239	3464034	36.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.51%
11) S ortho-Terphenyl (SURR)	11.274	4263249	24.849 ug/ml
Spiked Amount 50.000		Recovery =	49.70%
Target Compounds			
12) T Fluoranthene (C21.85)	12.351	95640	0.590 ug/ml
13) T Pyrene (C20.8)	12.645	62035	0.387 ug/ml
14) T Benzo[a]anthracene (C...	14.535f	47131	0.336 ug/ml
15) T Chrysene (C27.41)	14.535	47131	0.286 ug/ml
16) T benzo[b]fluoranthene ...	16.071	52743	0.355 ug/ml
17) T Bnezo[k]fluoranthene ...	16.071	52743	0.342 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459f	19056	0.129 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	157369	1.393 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	157369	1.031 ug/ml
21) T Benzo[g,h,i]perylene ...	18.031	242231	1.643 ug/ml

(f)=RT Delta > 1/2 Window

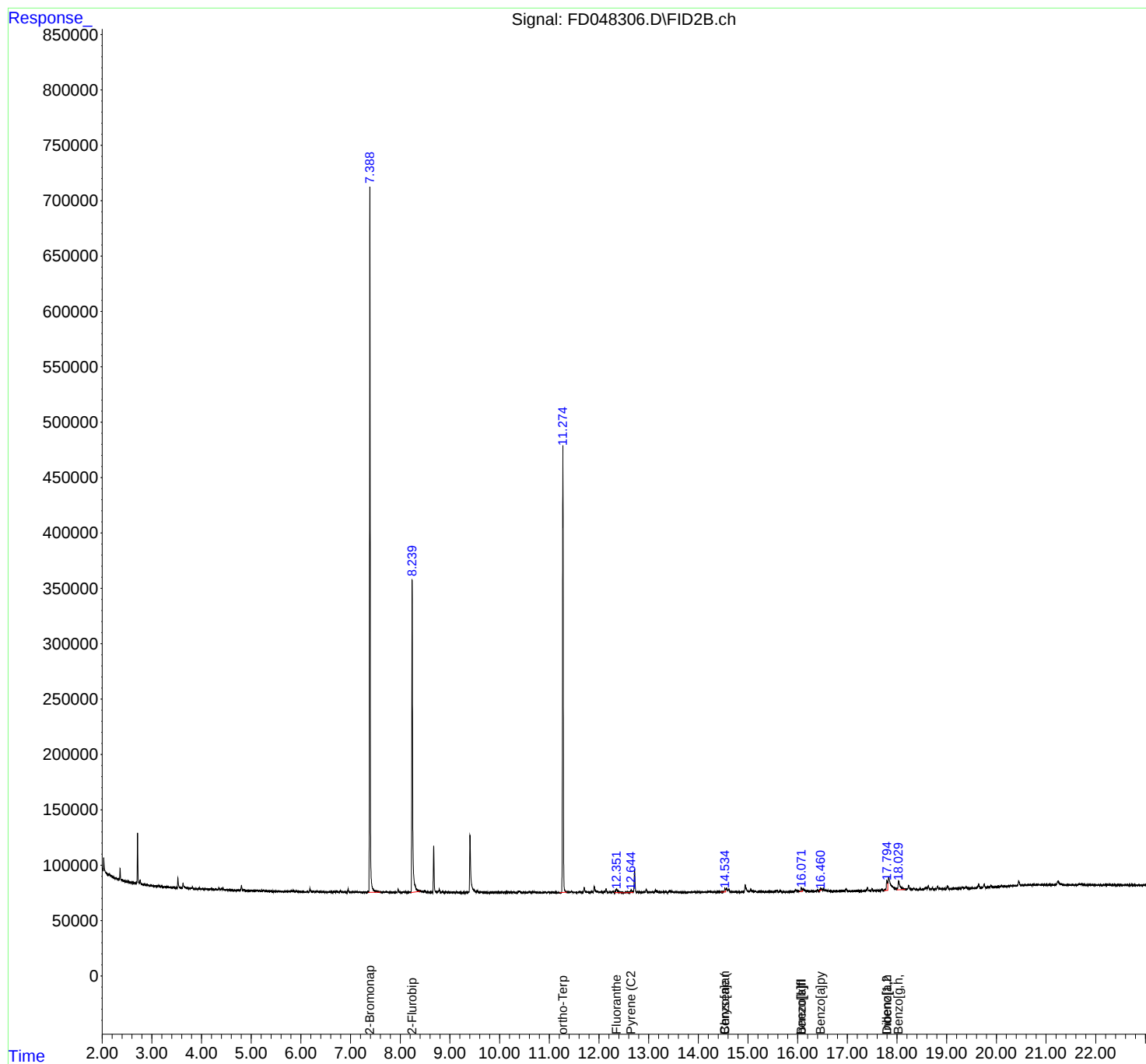
(m)=manual int.

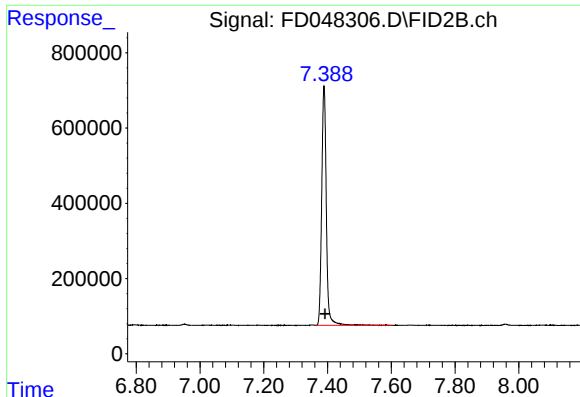
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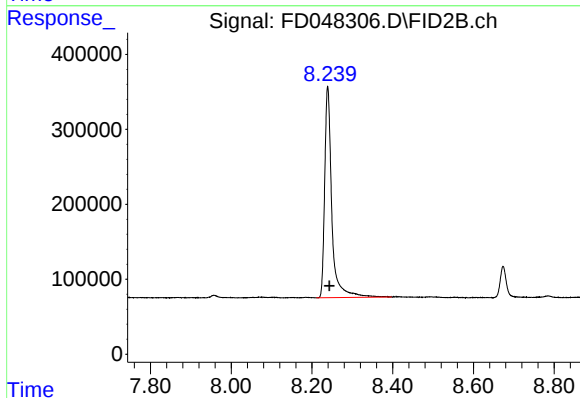




#4 2-Bromonaphthalene (SURR)

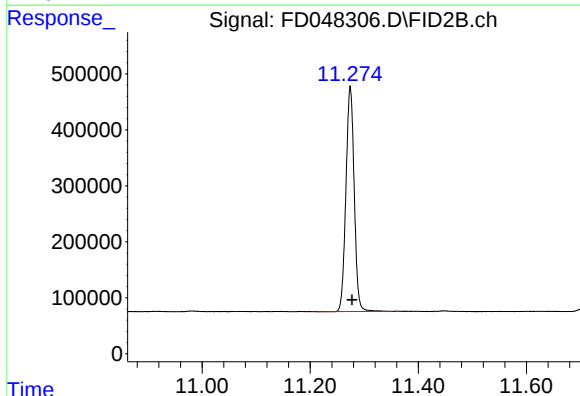
R.T.: 7.389 min
Delta R.T.: -0.003 min
Response: 6428943
Conc: 42.39 ug/ml

Instrument :
FID_D
ClientSampleId :



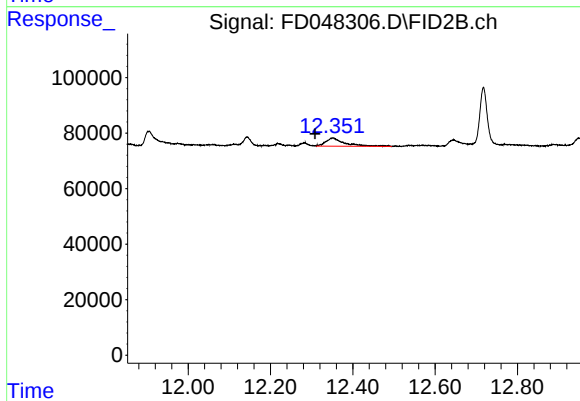
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 3464034
Conc: 36.25 ug/ml



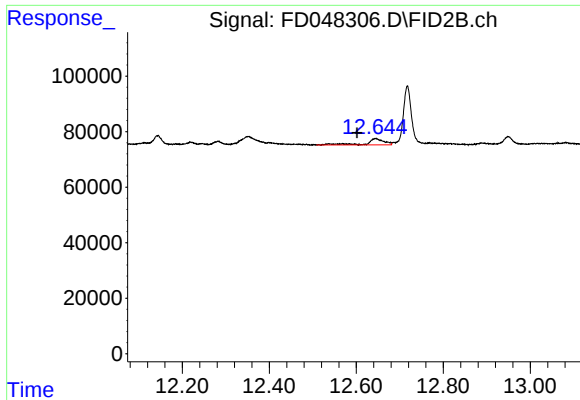
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.003 min
Response: 4263249
Conc: 24.85 ug/ml



#12 Fluoranthene (C21.85)

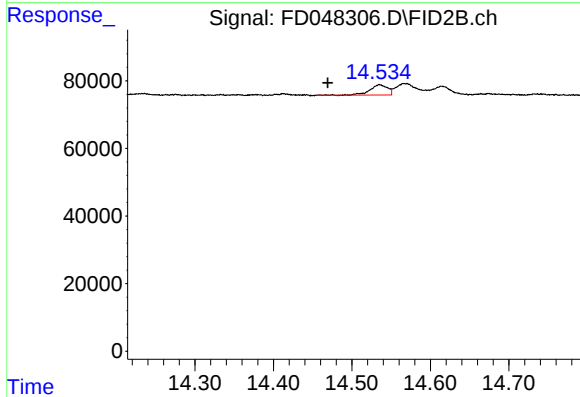
R.T.: 12.351 min
Delta R.T.: 0.043 min
Response: 95640
Conc: 0.59 ug/ml



#13 Pyrene (C20.8)

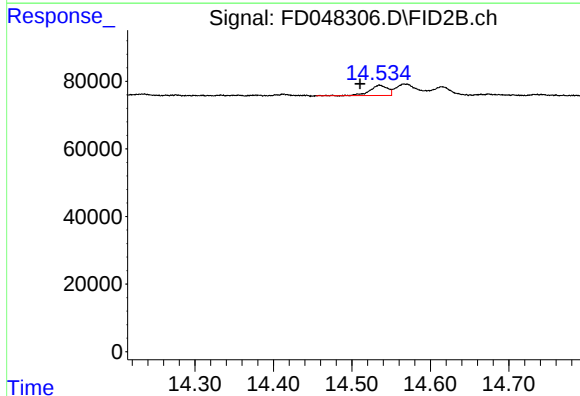
R.T.: 12.645 min
Delta R.T.: 0.043 min
Response: 62035
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



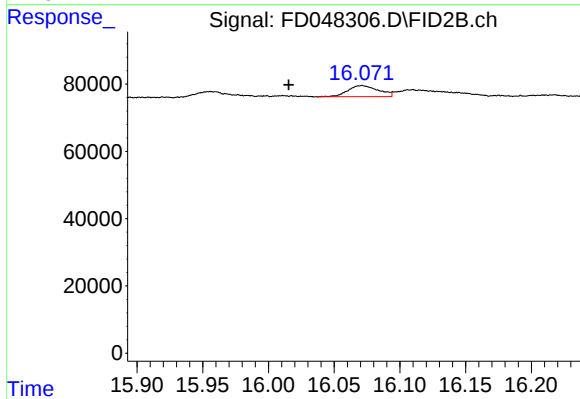
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: 0.066 min
Response: 47131
Conc: 0.34 ug/ml



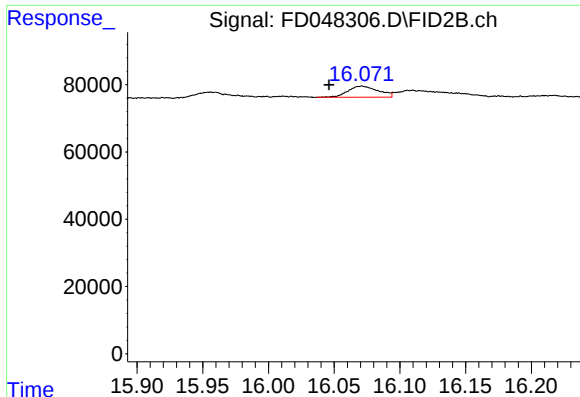
#15 Chrysene (C27.41)

R.T.: 14.535 min
Delta R.T.: 0.025 min
Response: 47131
Conc: 0.29 ug/ml



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

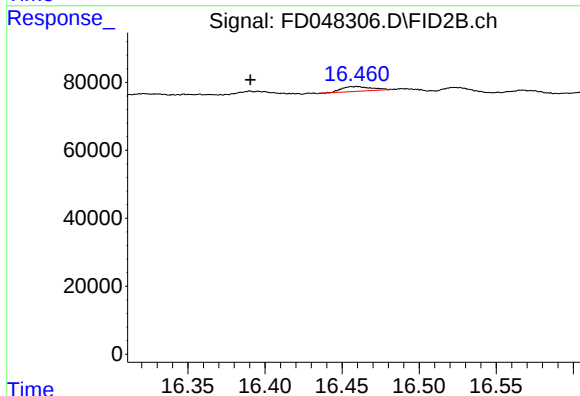
R.T.: 16.071 min
Delta R.T.: 0.056 min
Response: 52743
Conc: 0.35 ug/ml



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

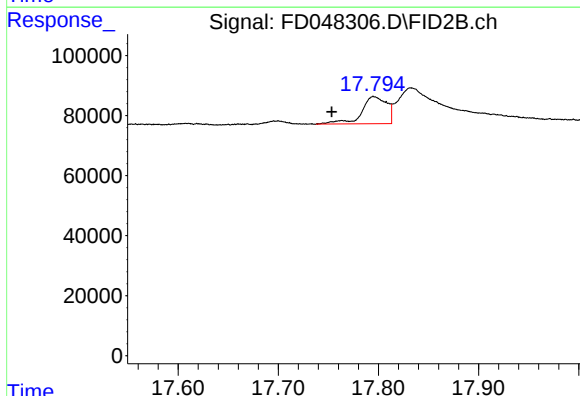
R.T.: 16.071 min
Delta R.T.: 0.025 min
Response: 52743
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



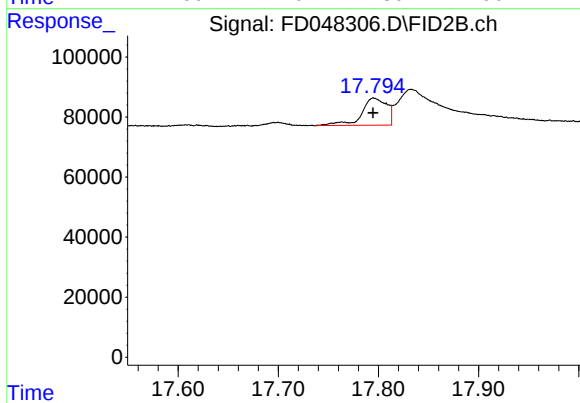
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.068 min
Response: 19056
Conc: 0.13 ug/ml



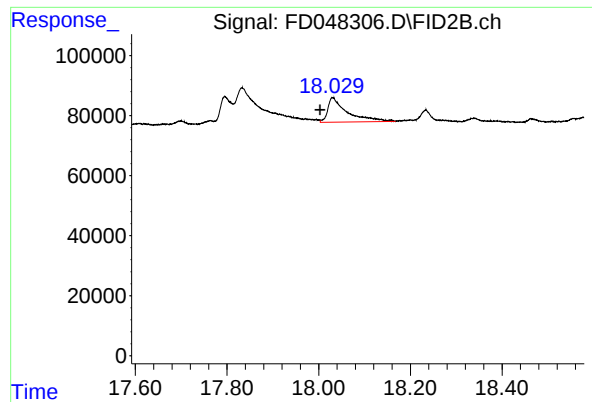
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: 0.043 min
Response: 157369
Conc: 1.39 ug/ml



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

R.T.: 17.796 min
Delta R.T.: 0.001 min
Response: 157369
Conc: 1.03 ug/ml



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

R.T.: 18.031 min
Delta R.T.: 0.028 min
Response: 242231
Conc: 1.64 ug/ml

Instrument :

FID_D

ClientSampleId :