

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051724AR\
 Data File : FD047794.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 23:29
 Operator : YP/AJ
 Sample : P2500-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 18 04:07:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.459	6908790	44.053 ug/ml
Spiked Amount 50.000		Recovery =	88.11%
6) S 2-Fluorobiphenyl (SURR)	8.312	4337953	41.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.94%
11) S ortho-Terphenyl (SURR)	11.354	6125609	32.664 ug/ml
Spiked Amount 50.000		Recovery =	65.33%
Target Compounds			
9) T Phenanthrene (C19.36)	10.579	352370	2.152 ug/ml
12) T Fluoranthene (C21.85)	12.384	1320154	7.956 ug/ml
13) T Pyrene (C20.8)	12.678	1146392	7.046 ug/ml
14) T Benzo[a]anthracene (C...	14.547	650032	4.453 ug/ml
15) T Chrysene (C27.41)	14.586	971835	6.167 ug/ml
16) T benzo[b]fluoranthene ...	16.096	1222507	8.185 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	416209	2.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	589326	4.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	445927	3.286 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	445927	3.115 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	429206	3.126 ug/ml

(f)=RT Delta > 1/2 Window

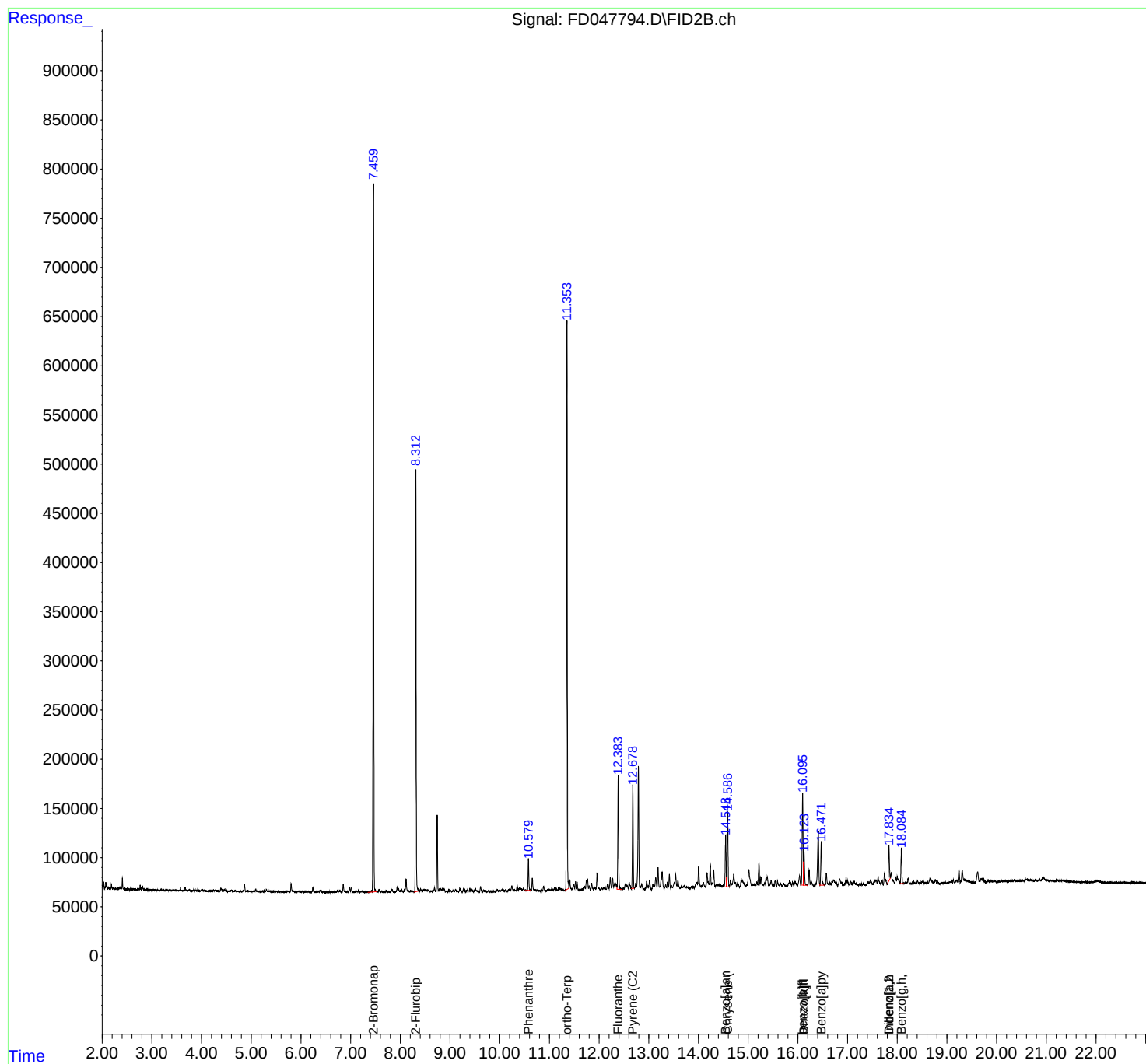
(m)=manual int.

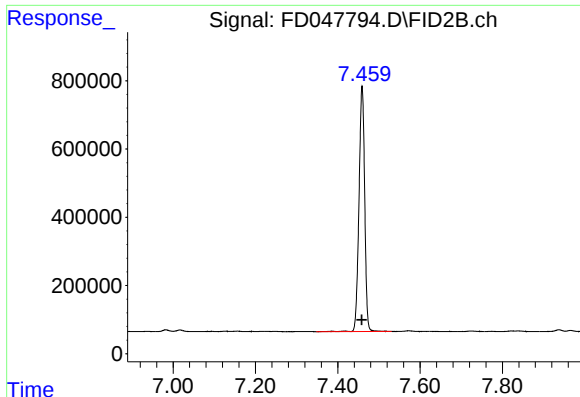
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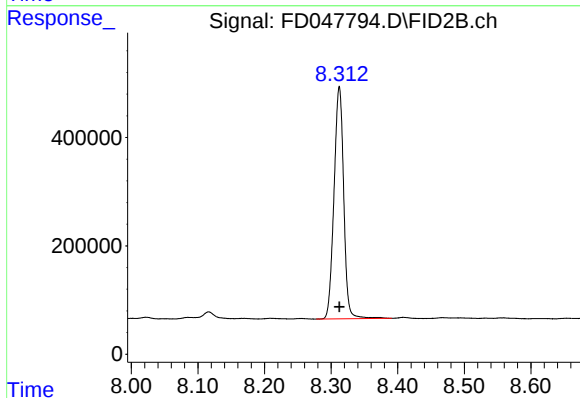




#4 2-Bromonaphthalene (SURRE)

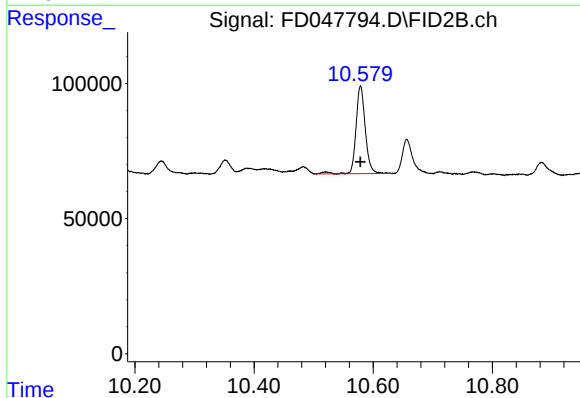
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 6908790
Conc: 44.05 ug/ml

Instrument :
FID_D
ClientSampleId :



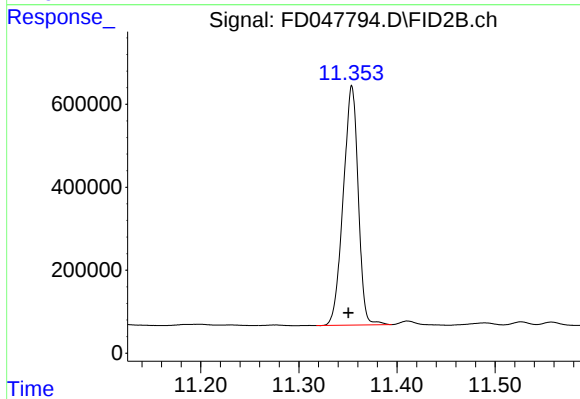
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 4337953
Conc: 41.47 ug/ml



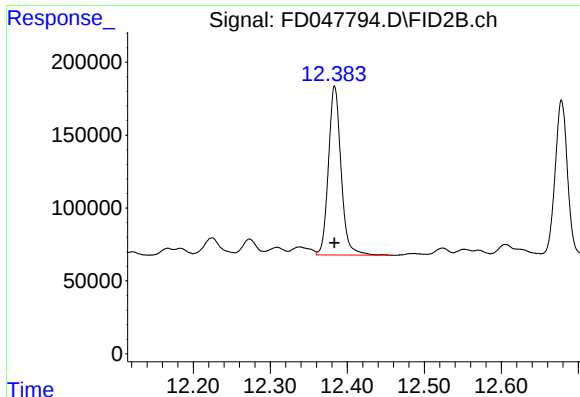
#9 Phenanthrene (C19.36)

R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 352370
Conc: 2.15 ug/ml



#11 ortho-Terphenyl (SURRE)

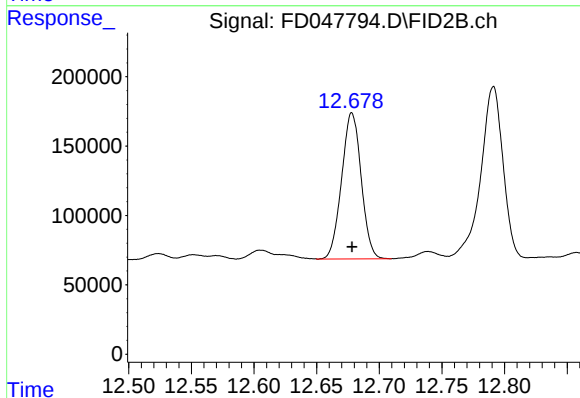
R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 6125609
Conc: 32.66 ug/ml



#12 Fluoranthene (C21.85)

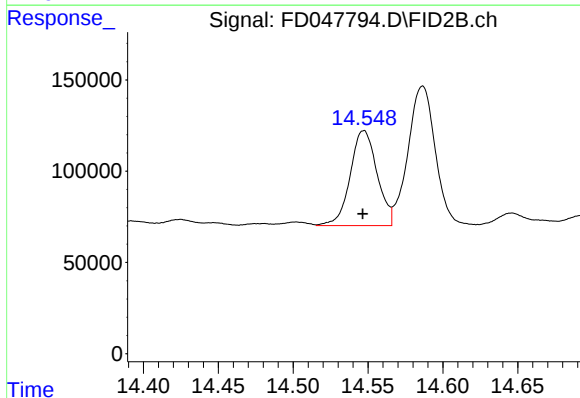
R.T.: 12.384 min
Delta R.T.: 0.000 min
Response: 1320154
Conc: 7.96 ug/ml

Instrument :
FID_D
ClientSampleId :



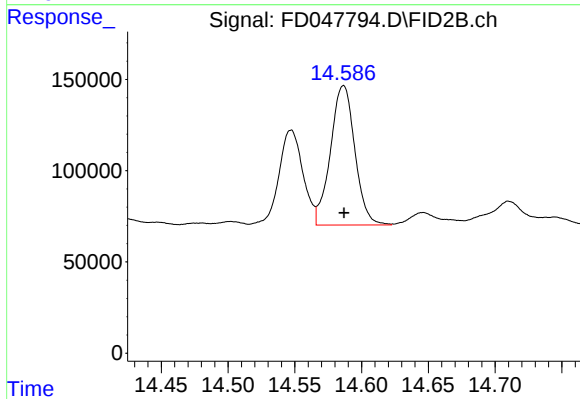
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: 0.000 min
Response: 1146392
Conc: 7.05 ug/ml



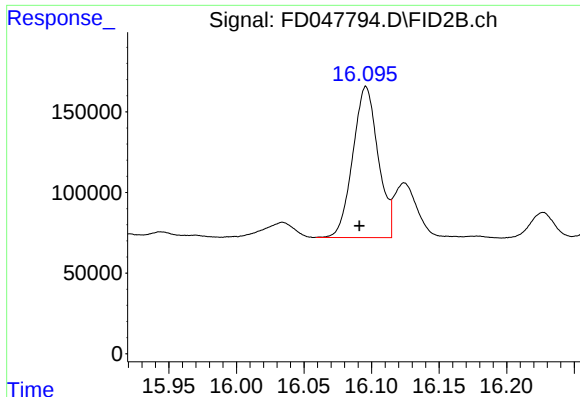
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.000 min
Response: 650032
Conc: 4.45 ug/ml



#15 Chrysene (C27.41)

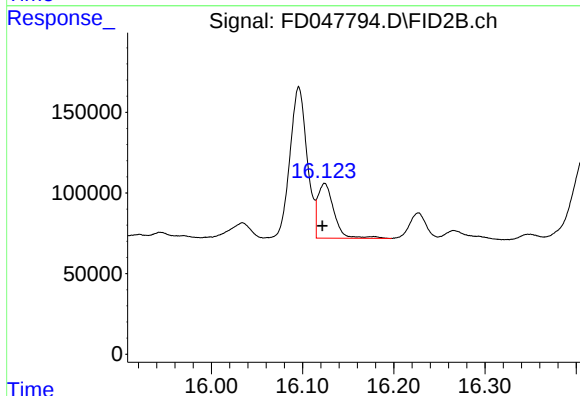
R.T.: 14.586 min
Delta R.T.: 0.000 min
Response: 971835
Conc: 6.17 ug/ml



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

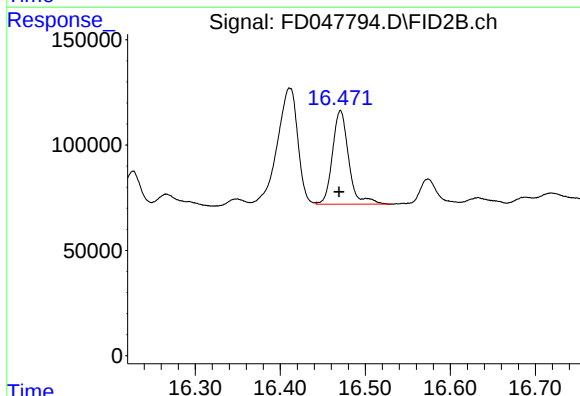
R.T.: 16.096 min
Delta R.T.: 0.005 min
Response: 1222507
Conc: 8.19 ug/ml

Instrument :
FID_D
ClientSampleId :



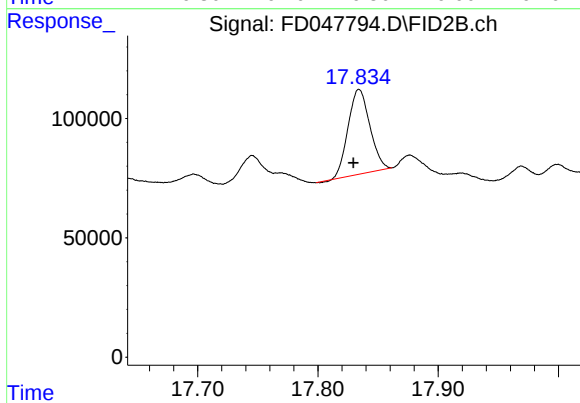
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.124 min
Delta R.T.: 0.002 min
Response: 416209
Conc: 2.76 ug/ml



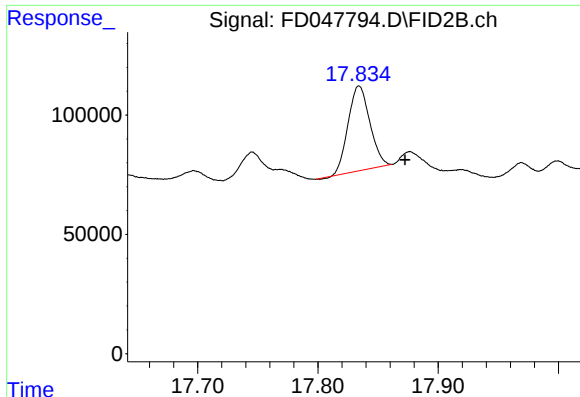
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.002 min
Response: 589326
Conc: 4.08 ug/ml



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

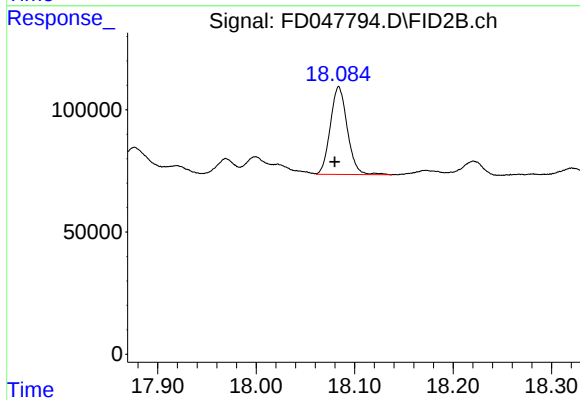
R.T.: 17.834 min
Delta R.T.: 0.005 min
Response: 445927
Conc: 3.29 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.038 min
Response: 445927
Conc: 3.11 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.084 min
Delta R.T.: 0.004 min
Response: 429206
Conc: 3.13 ug/ml