

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110424AR\  
 Data File : FD048646.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Nov 2024 19:39  
 Operator : YP/AJ  
 Sample : P4620-11  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 05 02:08:11 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.371	7524964	49.578 ug/ml
Spiked Amount 50.000		Recovery =	99.16%
6) S 2-Fluorobiphenyl (SURR)	8.220	4669674	47.557 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.11%
11) S ortho-Terphenyl (SURR)	11.254	4158685	24.414 ug/ml
Spiked Amount 50.000		Recovery =	48.83%
Target Compounds			
7) T Acenaphthene (C15.5)	8.319	56156	0.317 ug/ml
9) T Phenanthrene (C19.36)	10.495	188506	1.140 ug/ml
10) T Anthracene (C19.43)	10.495	188506	1.179 ug/ml
12) T Fluoranthene (C21.85)	12.294	256696	1.560 ug/ml
13) T Pyrene (C20.8)	12.587	203162	1.261 ug/ml
14) T Benzo[a]anthracene (C...	14.469	74712	0.511 ug/ml
15) T Chrysene (C27.41)	14.505	128436	0.781 ug/ml
16) T benzo[b]fluoranthene ...	16.015	49151	0.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	49151	0.327 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.397	78380	0.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	158592	1.215 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	158592	0.975 ug/ml
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(f)=RT Delta > 1/2 Window

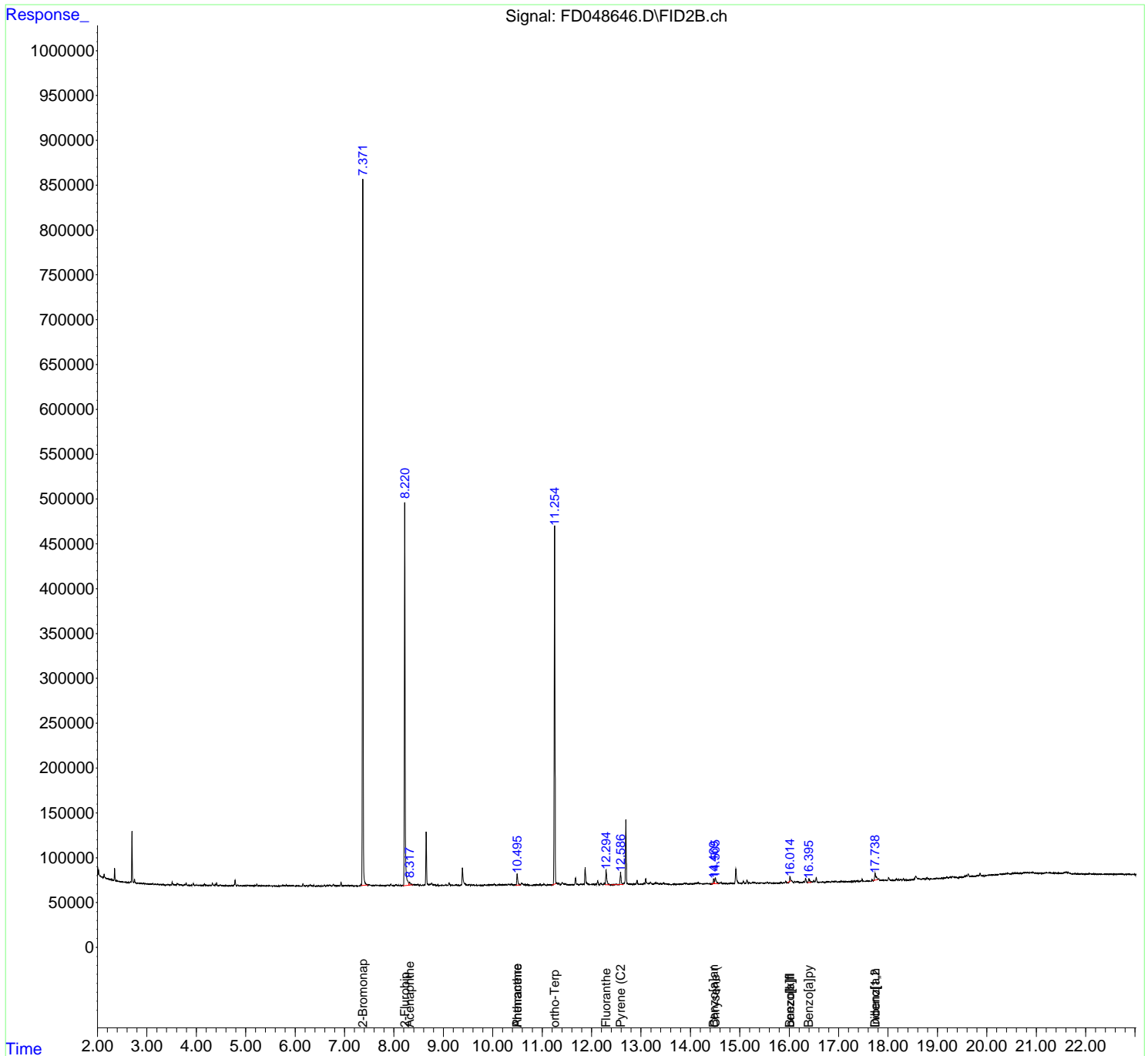
(m)=manual int.

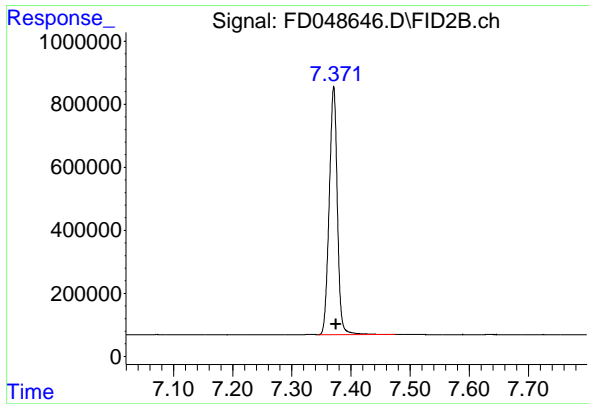
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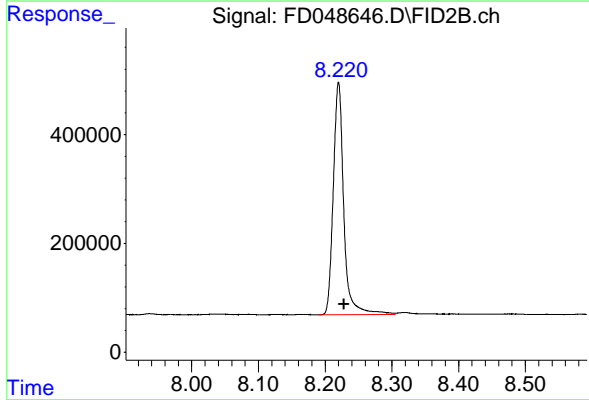




#4 2-Bromonaphthalene (SURR)

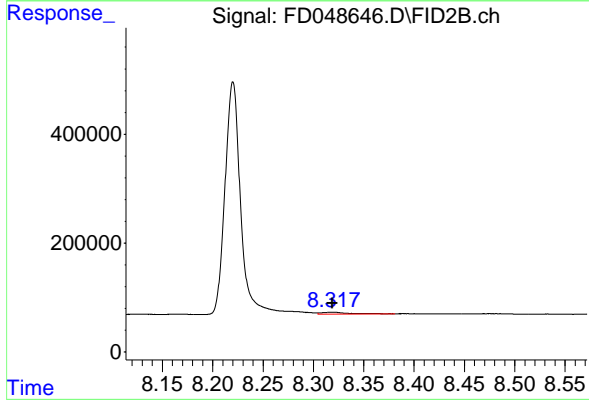
R.T.: 7.371 min  
 Delta R.T.: -0.004 min  
 Response: 7524964  
 Conc: 49.58 ug/ml

Instrument :  
 FID\_D  
 ClientSampleId :



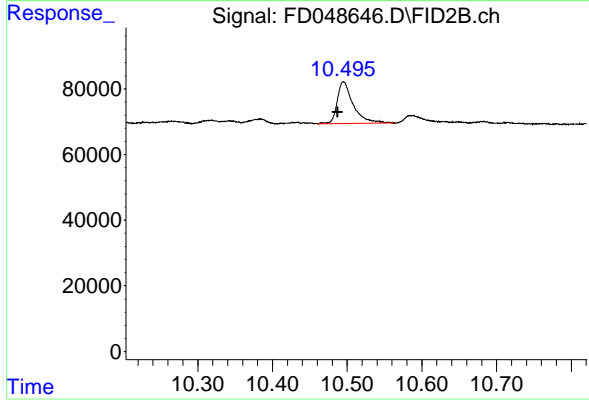
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min  
 Delta R.T.: -0.008 min  
 Response: 4669674  
 Conc: 47.56 ug/ml



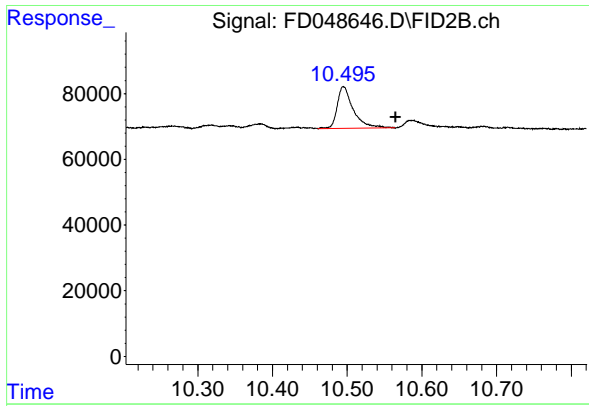
#7 Acenaphthene (C15.5)

R.T.: 8.319 min  
 Delta R.T.: 0.000 min  
 Response: 56156  
 Conc: 0.32 ug/ml



#9 Phenanthrene (C19.36)

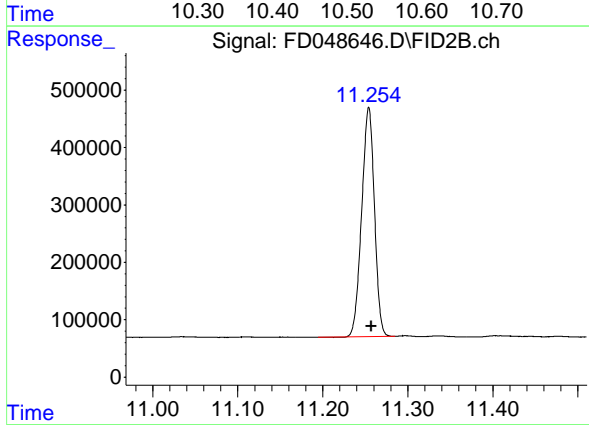
R.T.: 10.495 min  
 Delta R.T.: 0.008 min  
 Response: 188506  
 Conc: 1.14 ug/ml



#10 Anthracene (C19.43)

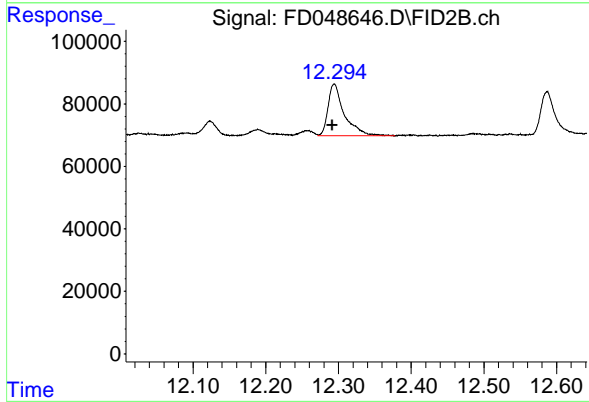
R.T.: 10.495 min  
Delta R.T.: -0.069 min  
Response: 188506  
Conc: 1.18 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



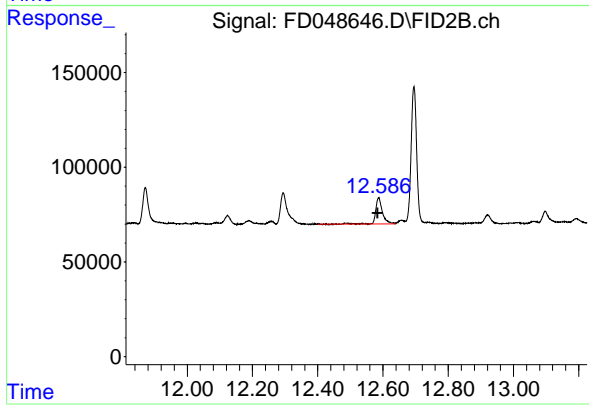
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min  
Delta R.T.: -0.003 min  
Response: 4158685  
Conc: 24.41 ug/ml



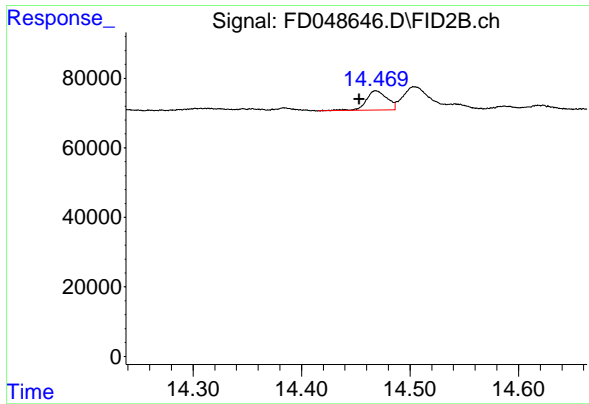
#12 Fluoranthene (C21.85)

R.T.: 12.294 min  
Delta R.T.: 0.003 min  
Response: 256696  
Conc: 1.56 ug/ml



#13 Pyrene (C20.8)

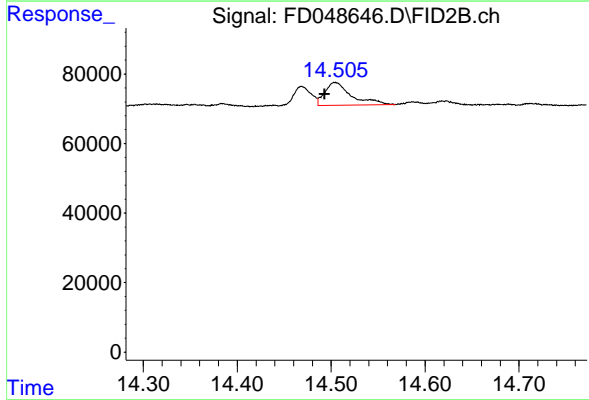
R.T.: 12.587 min  
Delta R.T.: 0.004 min  
Response: 203162  
Conc: 1.26 ug/ml



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

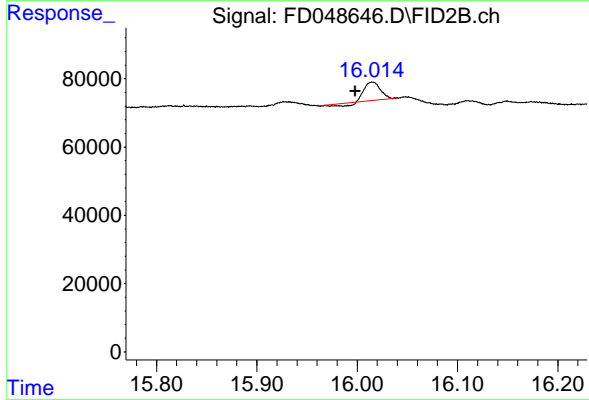
R.T.: 14.469 min  
Delta R.T.: 0.016 min  
Response: 74712  
Conc: 0.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



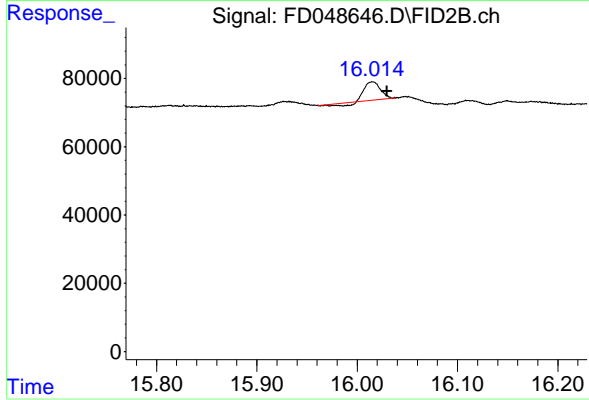
#15 Chrysene (C27.41)

R.T.: 14.505 min  
Delta R.T.: 0.011 min  
Response: 128436  
Conc: 0.78 ug/ml



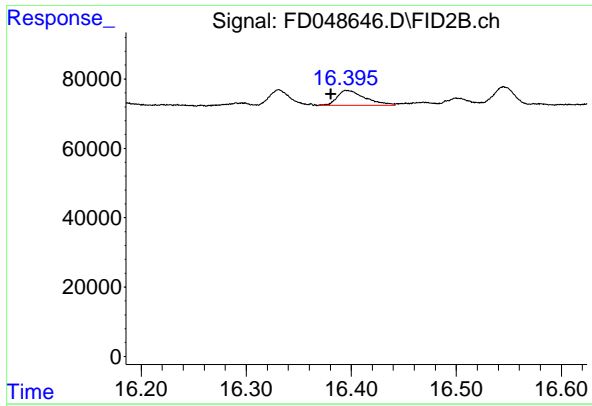
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.015 min  
Delta R.T.: 0.017 min  
Response: 49151  
Conc: 0.32 ug/ml



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

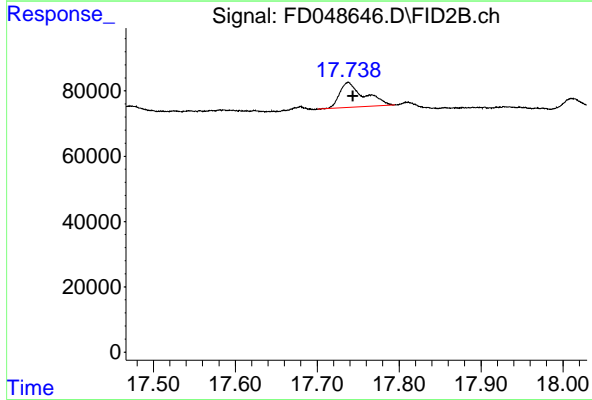
R.T.: 16.015 min  
Delta R.T.: -0.015 min  
Response: 49151  
Conc: 0.33 ug/ml



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

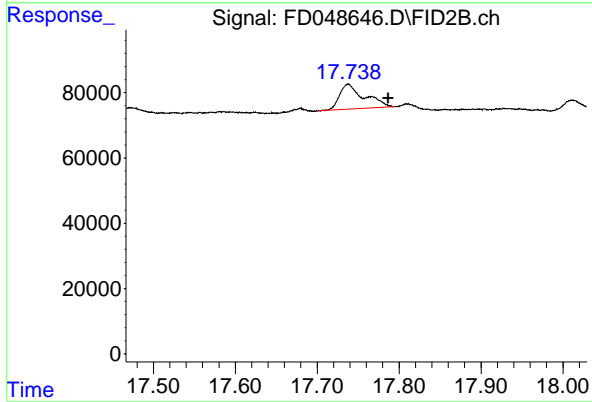
R.T.: 16.397 min  
 Delta R.T.: 0.016 min  
 Response: 78380  
 Conc: 0.52 ug/ml

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: 158592  
 Conc: 1.22 ug/ml



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

R.T.: 17.738 min  
 Delta R.T.: -0.049 min  
 Response: 158592  
 Conc: 0.97 ug/ml