

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043924.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 05:55
 Operator : YP/AJ
 Sample : N4630-04 10X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-17-4-1-GR

Integration File: autoint1.e
 Quant Time: Sep 21 07:11:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 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...	7.433	341051	2.592 ug/ml
Spiked Amount 50.000		Recovery =	5.18%
6) S 2-Fluorobiphenyl (SURR)	8.301	90237	1.251 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	2.50%
11) S ortho-Terphenyl (SURR)	11.312	387082	2.078 ug/ml
Spiked Amount 50.000		Recovery =	4.16%
Target Compounds			
9) T Phenanthrene (C19.36)	10.571	93395	0.645 ug/ml
10) T Anthracene (C19.43)	10.606	45443	0.310 ug/ml
12) T Fluoranthene (C21.85)	12.361	203614	1.328 ug/ml
13) T Pyrene (C20.8)	12.653	365065	2.454 ug/ml
14) T Benzo[a]anthracene (C...	14.532	105062	0.940 ug/ml
15) T Chrysene (C27.41)	14.565	246870	1.580 ug/ml
16) T benzo[b]fluoranthene ...	16.073	556831	4.775 ug/ml
17) T Bnezo[k]fluoranthene ...	16.073	556831	3.751 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	344678	2.846 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	243641	2.563 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	194420	1.618 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	460604	4.042 ug/ml

(f)=RT Delta > 1/2 Window

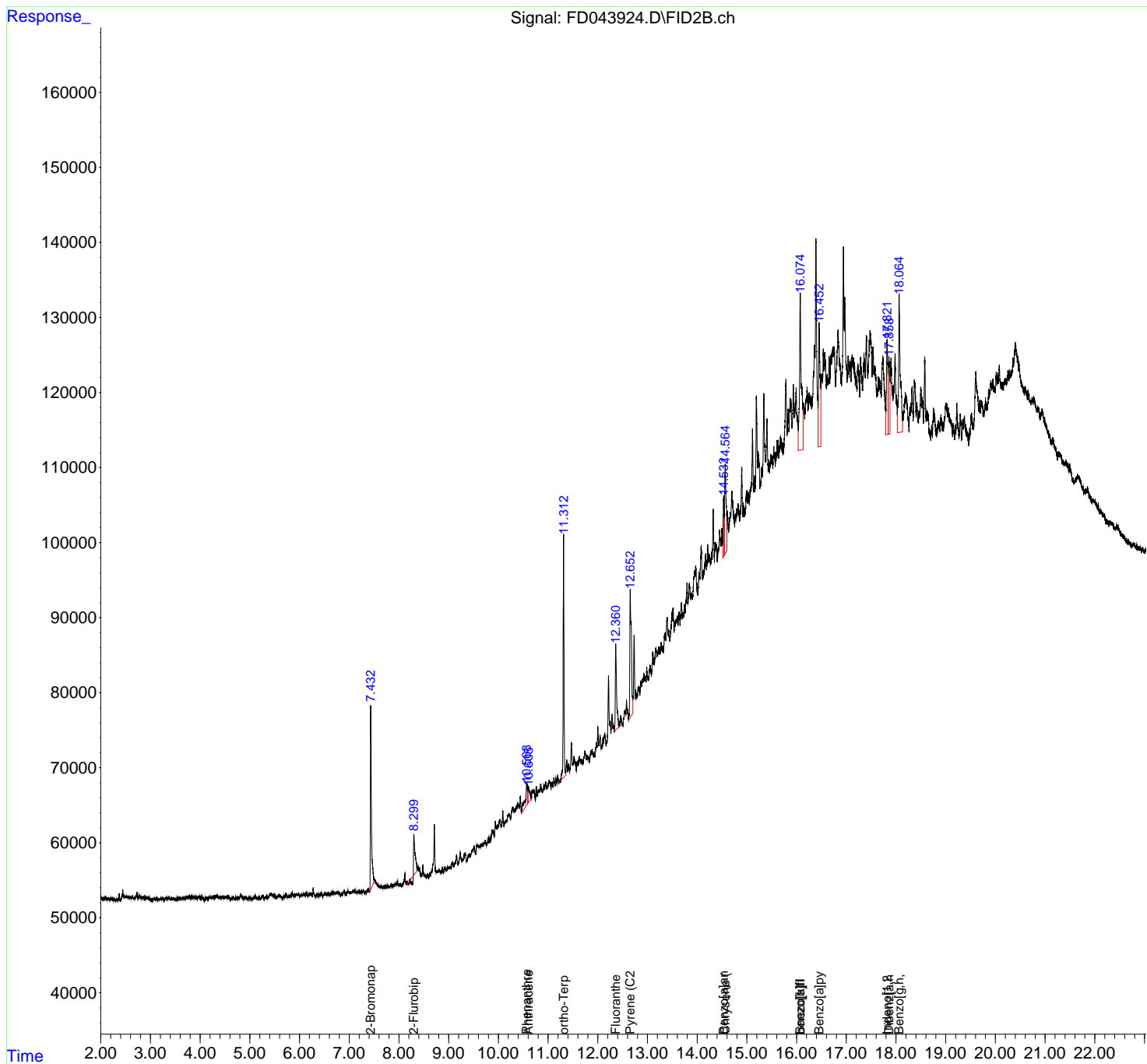
(m)=manual int.

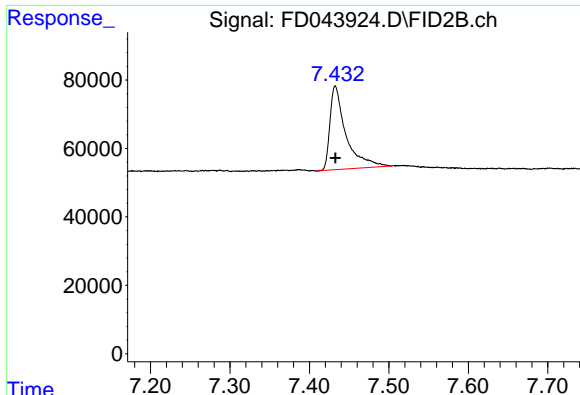
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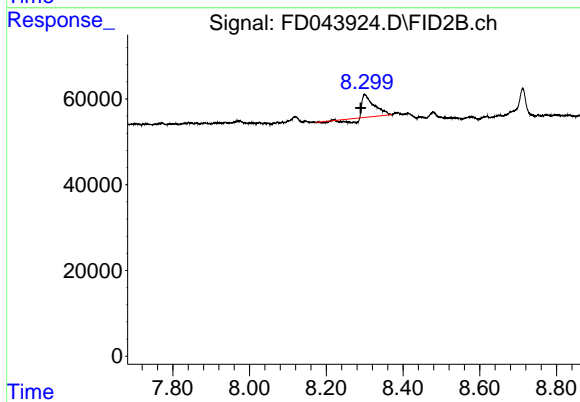




#4 2-Bromonaphthalene (SURR)

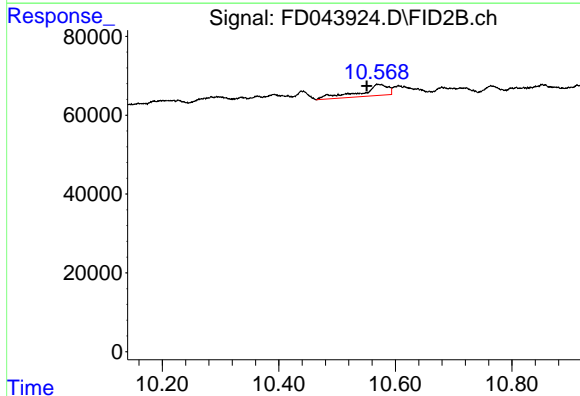
R.T.: 7.433 min
 Delta R.T.: 0.000 min
 Response: 341051
 Conc: 2.59 ug/ml

Instrument : FID_D
 ClientSampleId : WC-17-4-1-GR



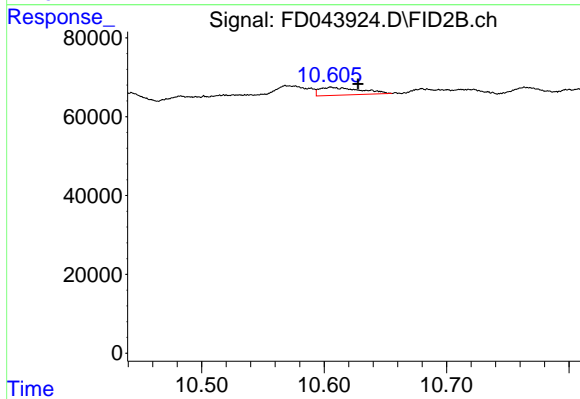
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.301 min
 Delta R.T.: 0.011 min
 Response: 90237
 Conc: 1.25 ug/ml



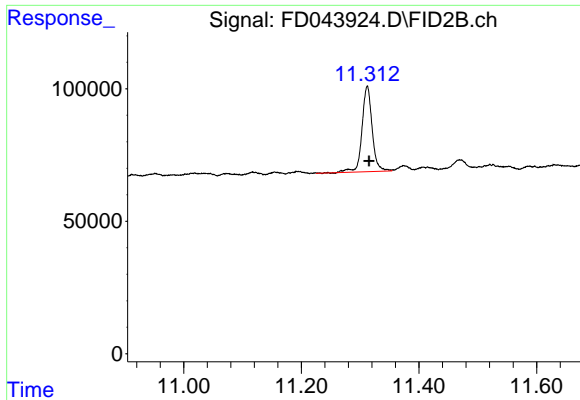
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
 Delta R.T.: 0.020 min
 Response: 93395
 Conc: 0.65 ug/ml



#10 Anthracene (C19.43)

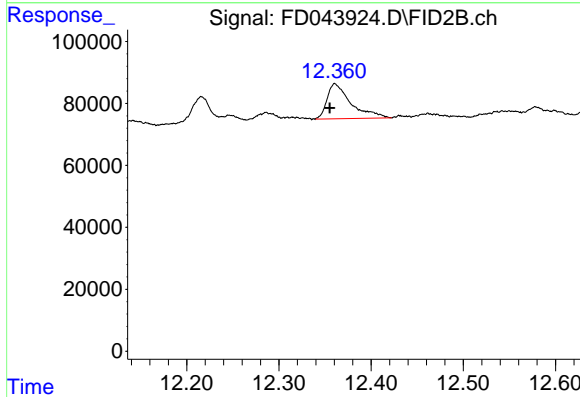
R.T.: 10.606 min
 Delta R.T.: -0.022 min
 Response: 45443
 Conc: 0.31 ug/ml



#11 ortho-Terphenyl (SURR)

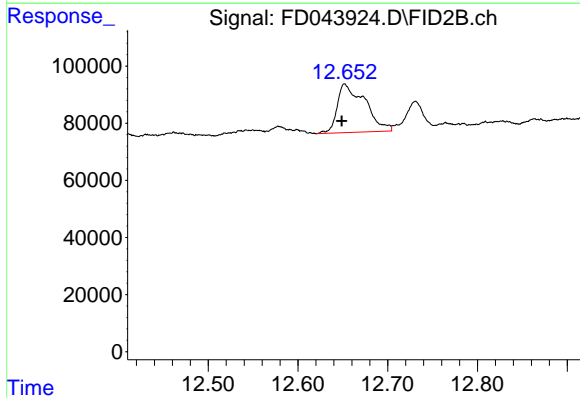
R.T.: 11.312 min
 Delta R.T.: -0.003 min
 Response: 387082
 Conc: 2.08 ug/ml

Instrument :
 FID_D
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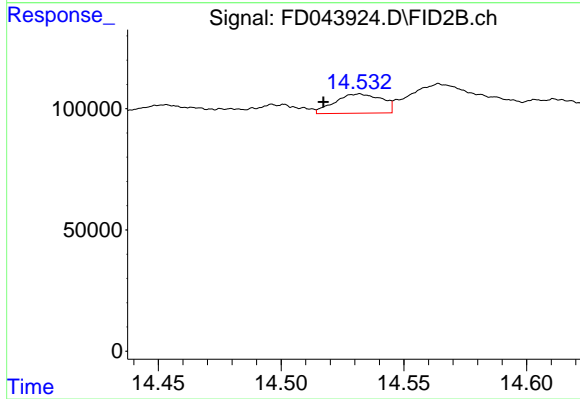
#12 Fluoranthene (C21.85)

R.T.: 12.361 min
 Delta R.T.: 0.006 min
 Response: 203614
 Conc: 1.33 ug/ml



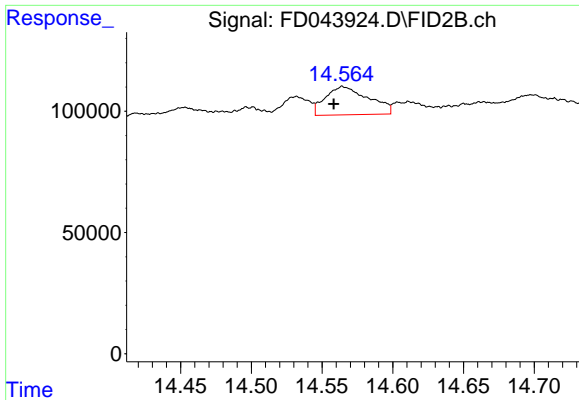
#13 Pyrene (C20.8)

R.T.: 12.653 min
 Delta R.T.: 0.004 min
 Response: 365065
 Conc: 2.45 ug/ml



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

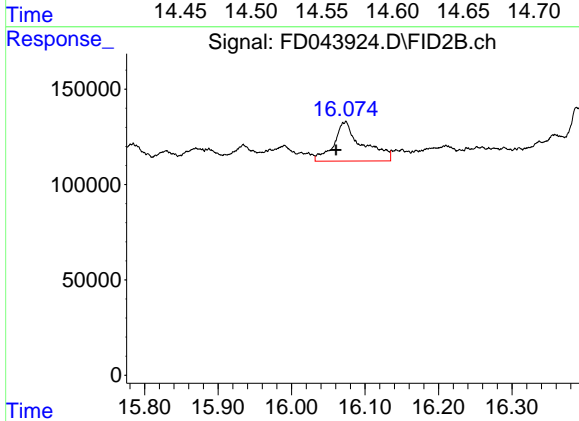
R.T.: 14.532 min
 Delta R.T.: 0.015 min
 Response: 105062
 Conc: 0.94 ug/ml



#15 Chrysene (C27.41)

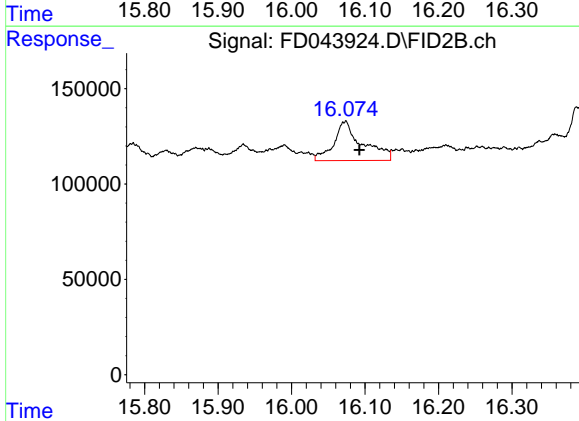
R.T.: 14.565 min
 Delta R.T.: 0.007 min
 Response: 246870
 Conc: 1.58 ug/ml

Instrument :
 FID_D
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 WC-17-4-1-GR



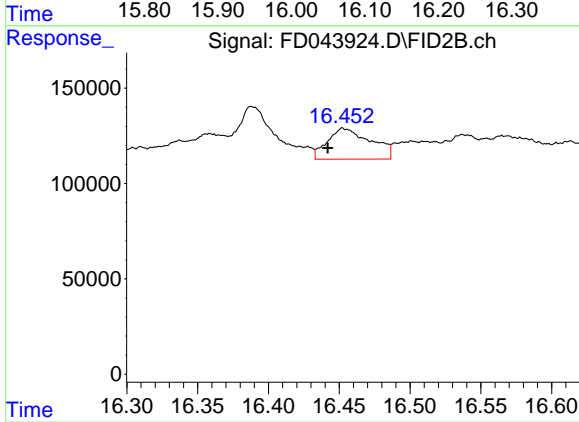
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.073 min
 Delta R.T.: 0.012 min
 Response: 556831
 Conc: 4.77 ug/ml



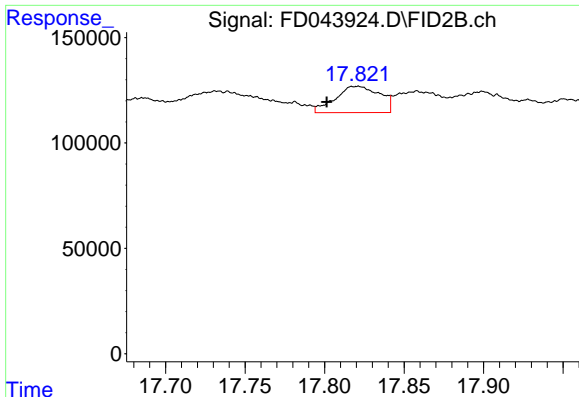
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.073 min
 Delta R.T.: -0.020 min
 Response: 556831
 Conc: 3.75 ug/ml



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

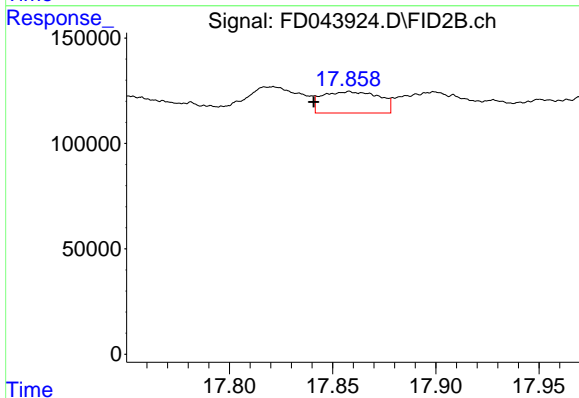
R.T.: 16.454 min
 Delta R.T.: 0.012 min
 Response: 344678
 Conc: 2.85 ug/ml



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

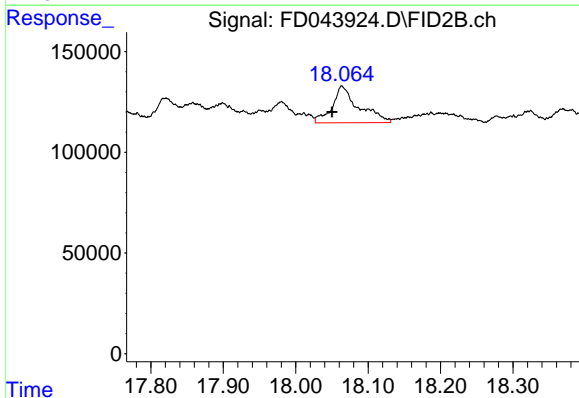
R.T.: 17.820 min
 Delta R.T.: 0.019 min
 Response: 243641
 Conc: 2.56 ug/ml

Instrument :
 FID_D
 ClientSampleId :
 WC-17-4-1-GR



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

R.T.: 17.858 min
 Delta R.T.: 0.017 min
 Response: 194420
 Conc: 1.62 ug/ml



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

R.T.: 18.065 min
 Delta R.T.: 0.014 min
 Response: 460604
 Conc: 4.04 ug/ml