

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047429.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 19:08
 Operator : YP/AJ
 Sample : P1863-02
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:33:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.454	5751396	34.823 ug/ml
Spiked Amount 50.000		Recovery =	69.65%
6) S 2-Fluorobiphenyl (SURR)	8.305	3561795	33.474 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.95%
11) S ortho-Terphenyl (SURR)	11.338	5126820	27.471 ug/ml
Spiked Amount 50.000		Recovery =	54.94%
Target Compounds			
9) T Phenanthrene (C19.36)	10.568	351703	2.172 ug/ml
12) T Fluoranthene (C21.85)	12.365	835723	5.242 ug/ml
13) T Pyrene (C20.8)	12.659	667320	4.313 ug/ml
14) T Benzo[a]anthracene (C...	14.522	324196	2.392 ug/ml
15) T Chrysene (C27.41)	14.561	443553	2.988 ug/ml
16) T benzo[b]fluoranthene ...	16.062	373156	2.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.062	373156	2.635 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	367298	2.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	243962	1.952 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	243962	1.850 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	277170	2.063 ug/ml

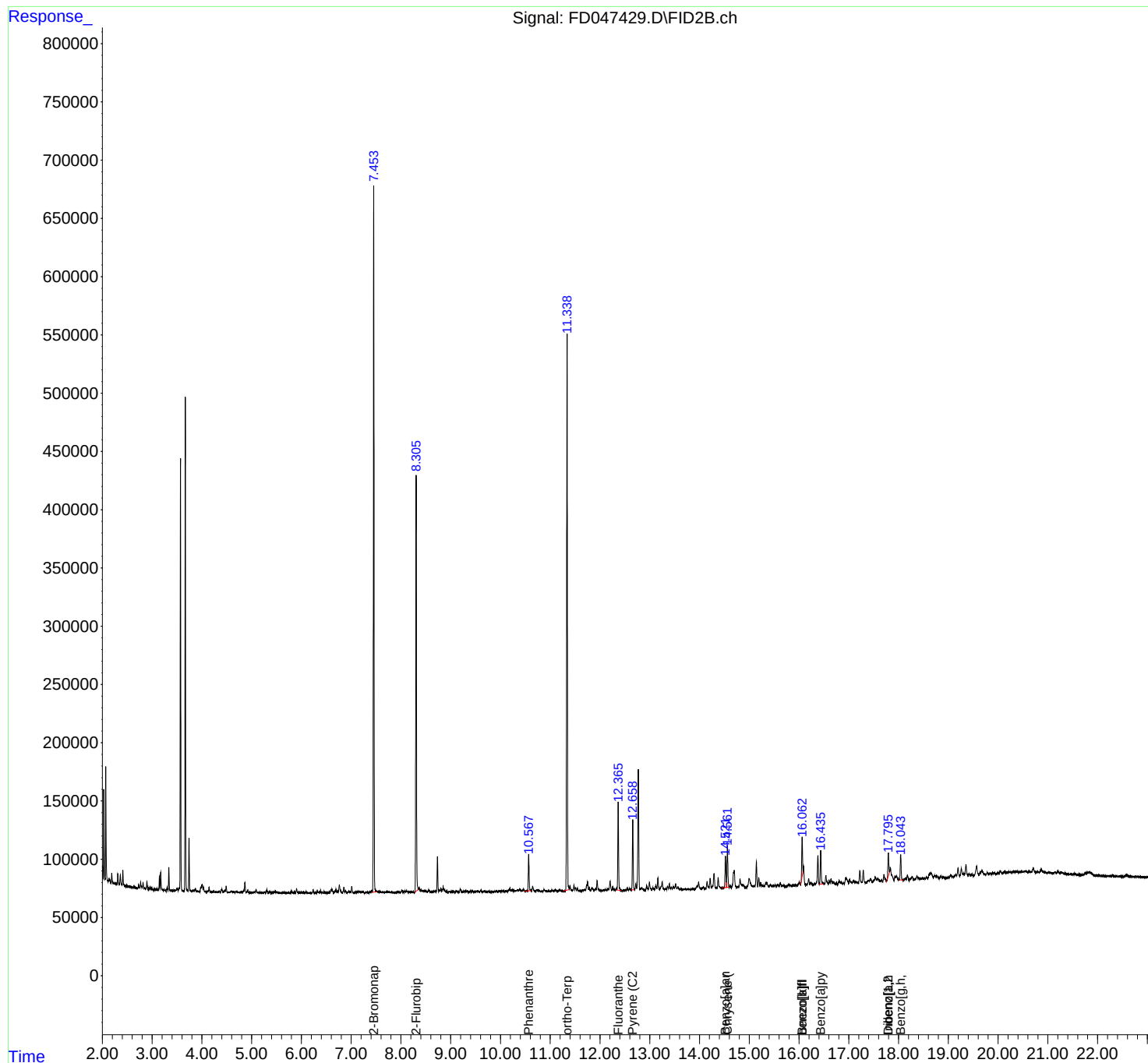
(f)=RT Delta > 1/2 Window

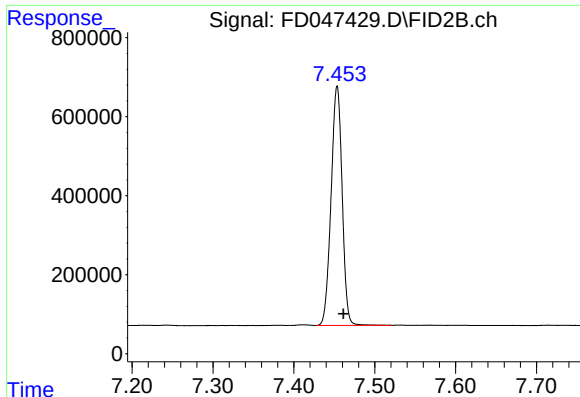
(m)=manual int.

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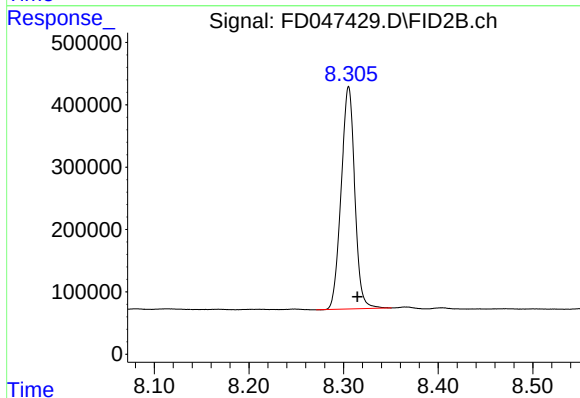
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





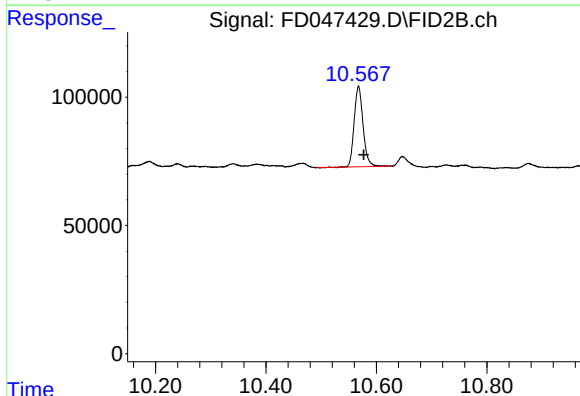
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 5751396
Conc: 34.82 ug/ml



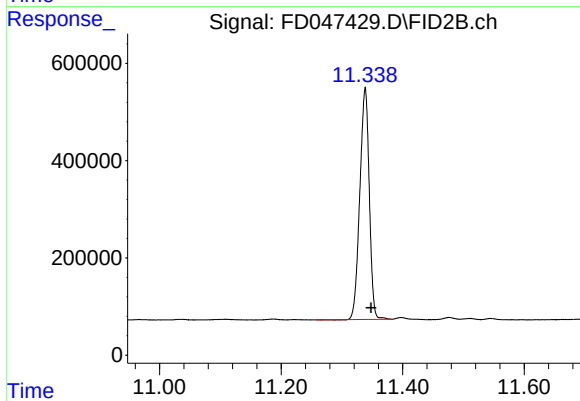
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.305 min
Delta R.T.: -0.010 min
Response: 3561795
Conc: 33.47 ug/ml



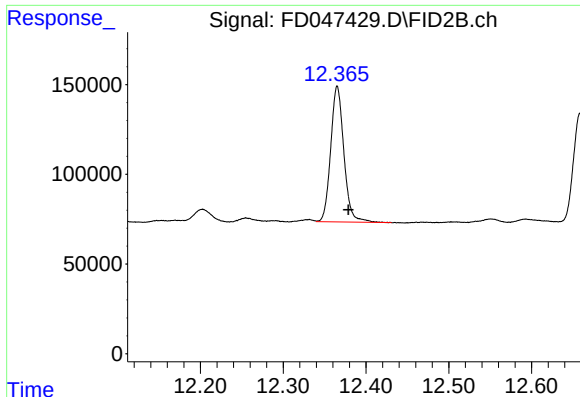
#9 Phenanthrene (C19.36)

R.T.: 10.568 min
Delta R.T.: -0.010 min
Response: 351703
Conc: 2.17 ug/ml



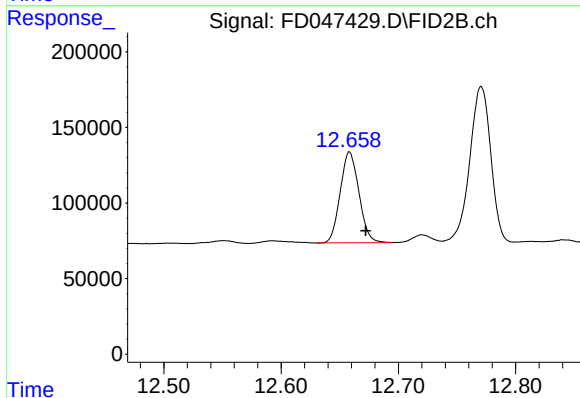
#11 ortho-Terphenyl (SURRE)

R.T.: 11.338 min
Delta R.T.: -0.010 min
Response: 5126820
Conc: 27.47 ug/ml



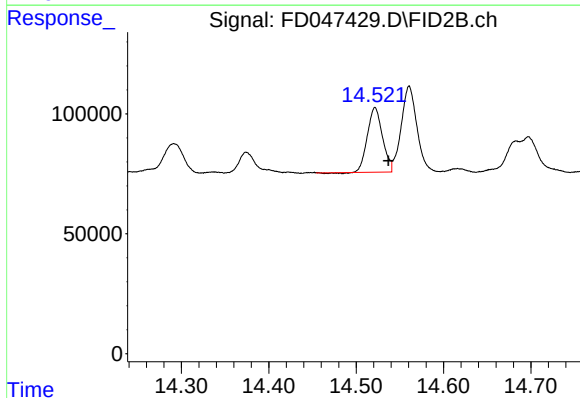
#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: -0.013 min
Response: 835723
Conc: 5.24 ug/ml



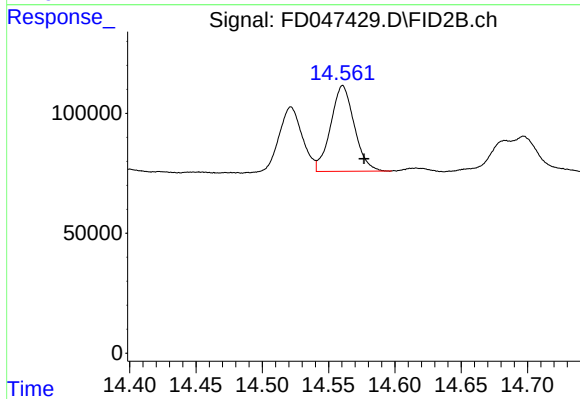
#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: -0.014 min
Response: 667320
Conc: 4.31 ug/ml



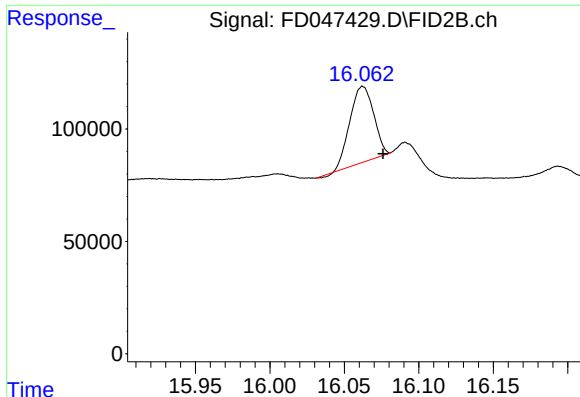
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.015 min
Response: 324196
Conc: 2.39 ug/ml



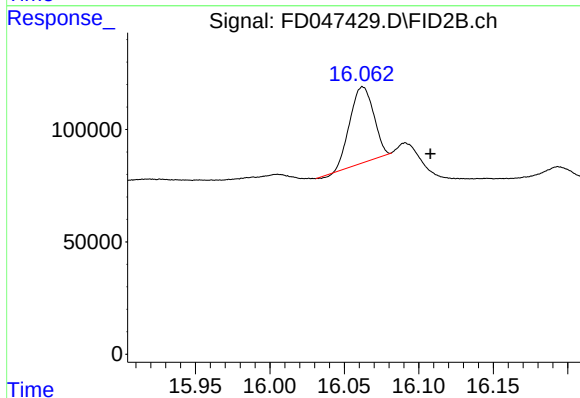
#15 Chrysene (C27.41)

R.T.: 14.561 min
Delta R.T.: -0.016 min
Response: 443553
Conc: 2.99 ug/ml



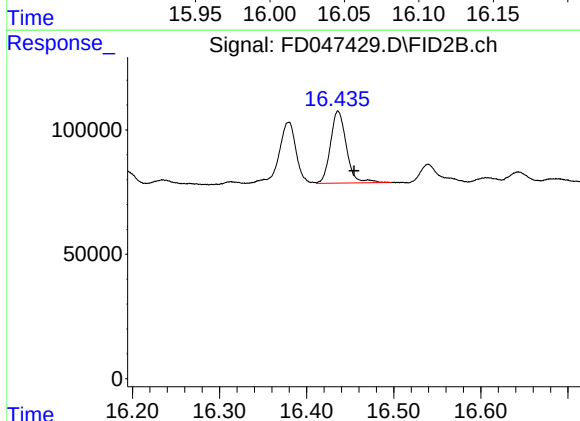
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.062 min
Delta R.T.: -0.014 min
Response: 373156
Conc: 2.66 ug/ml



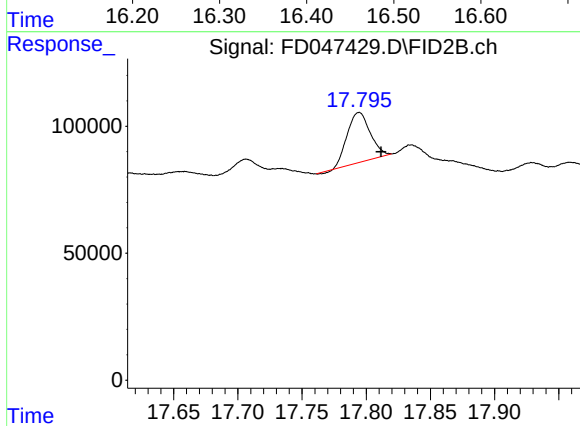
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.062 min
Delta R.T.: -0.045 min
Response: 373156
Conc: 2.64 ug/ml



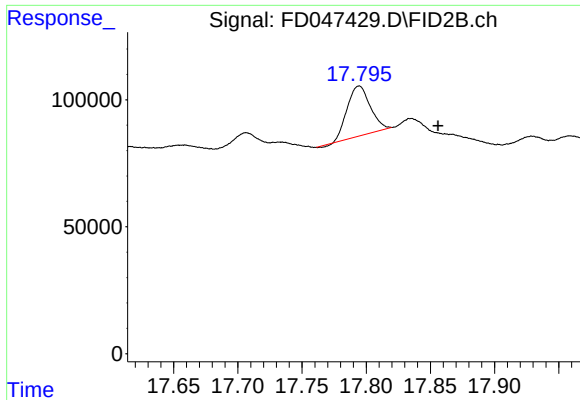
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: -0.018 min
Response: 367298
Conc: 2.66 ug/ml



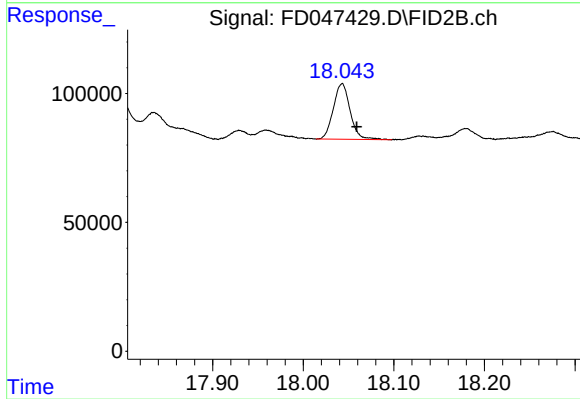
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.017 min
Response: 243962
Conc: 1.95 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.061 min
Response: 243962
Conc: 1.85 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.016 min
Response: 277170
Conc: 2.06 ug/ml