

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047430.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 19:48
 Operator : YP/AJ
 Sample : P1863-02D
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:33:48 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	6106575	36.973 ug/ml
Spiked Amount 50.000		Recovery =	73.95%
6) S 2-Fluorobiphenyl (SURR)	8.306	3784652	35.569 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.14%
11) S ortho-Terphenyl (SURR)	11.339	5394127	28.904 ug/ml
Spiked Amount 50.000		Recovery =	57.81%
Target Compounds			
9) T Phenanthrene (C19.36)	10.567	376633	2.326 ug/ml
12) T Fluoranthene (C21.85)	12.366	894929	5.614 ug/ml
13) T Pyrene (C20.8)	12.659	706893	4.569 ug/ml
14) T Benzo[a]anthracene (C...	14.522	351739	2.595 ug/ml
15) T Chrysene (C27.41)	14.561	477102	3.214 ug/ml
16) T benzo[b]fluoranthene ...	16.063	592064	4.218 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	204674	1.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	376097	2.723 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	269306	2.155 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	269306	2.042 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	279961	2.084 ug/ml

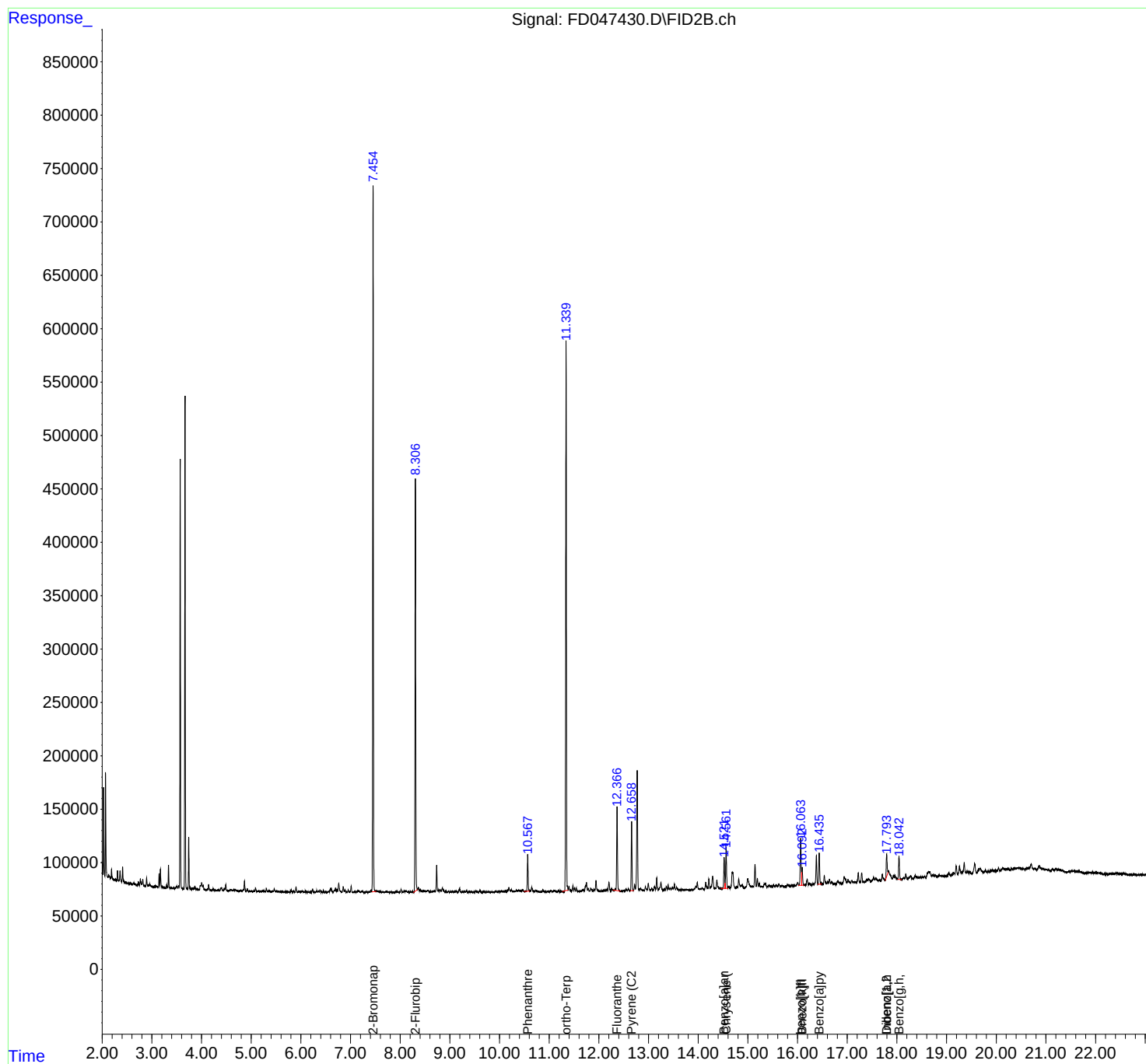
(f)=RT Delta > 1/2 Window

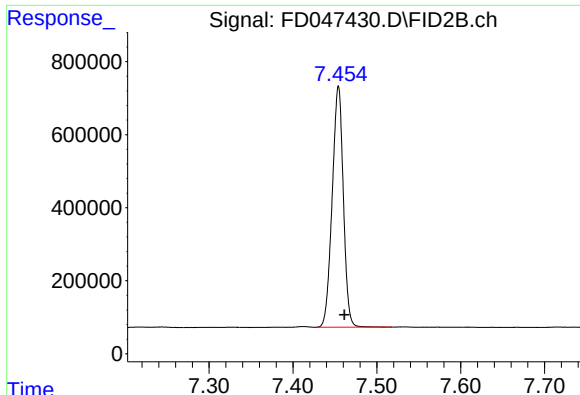
(m)=manual int.

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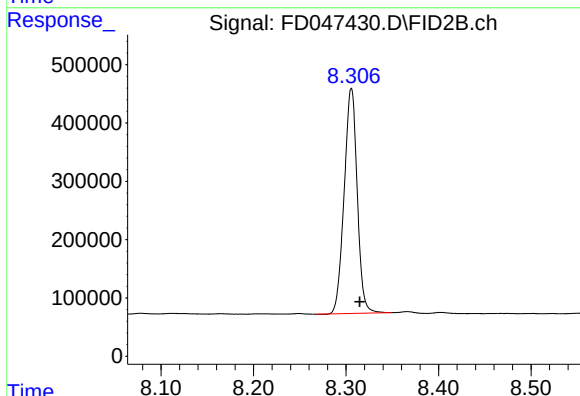
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





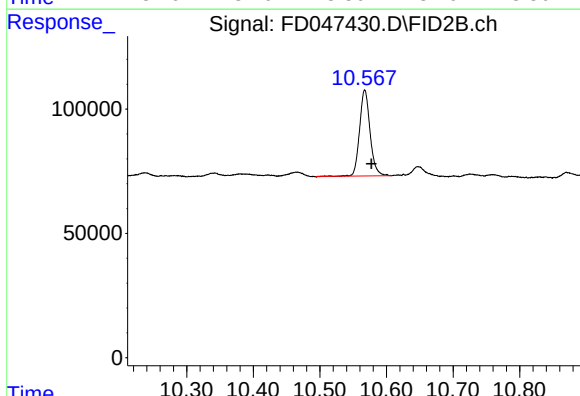
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 6106575
Conc: 36.97 ug/ml



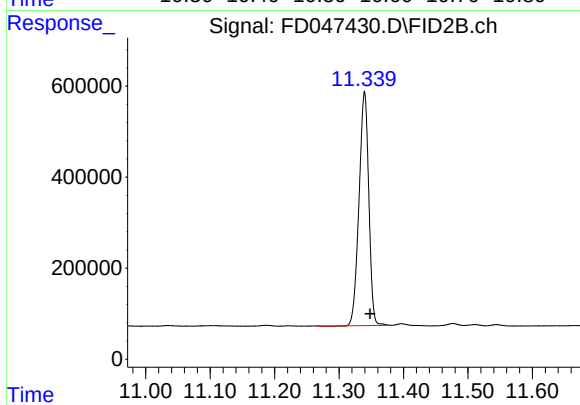
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 3784652
Conc: 35.57 ug/ml



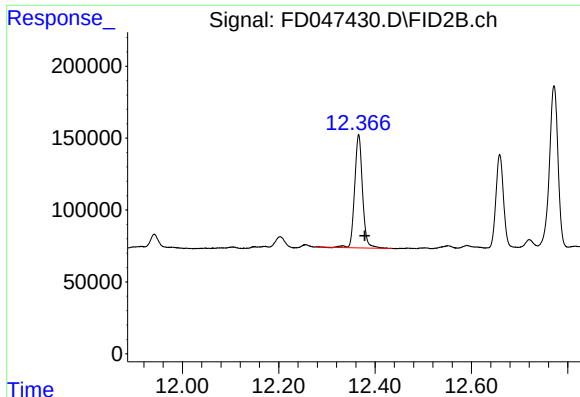
#9 Phenanthrene (C19.36)

R.T.: 10.567 min
Delta R.T.: -0.010 min
Response: 376633
Conc: 2.33 ug/ml



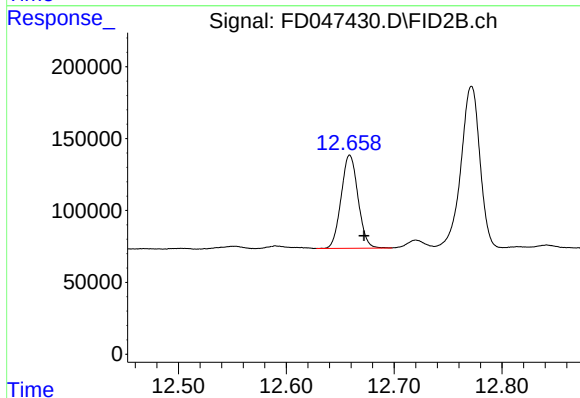
#11 ortho-Terphenyl (SURRE)

R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 5394127
Conc: 28.90 ug/ml



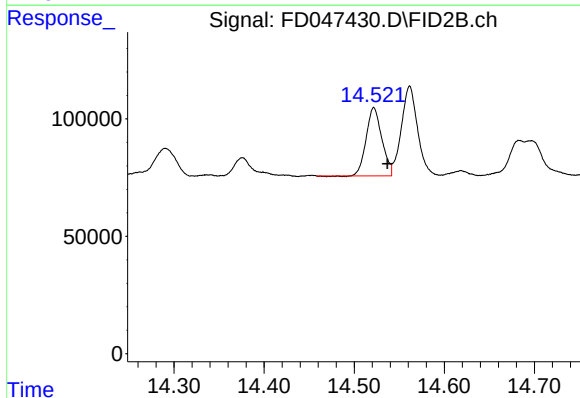
#12 Fluoranthene (C21.85)

R.T.: 12.366 min
Delta R.T.: -0.013 min
Response: 894929
Conc: 5.61 ug/ml



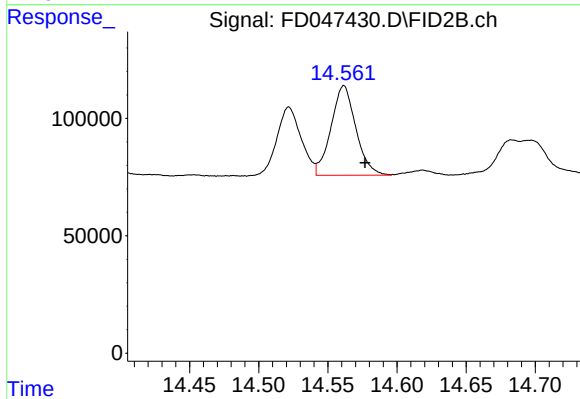
#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: -0.013 min
Response: 706893
Conc: 4.57 ug/ml



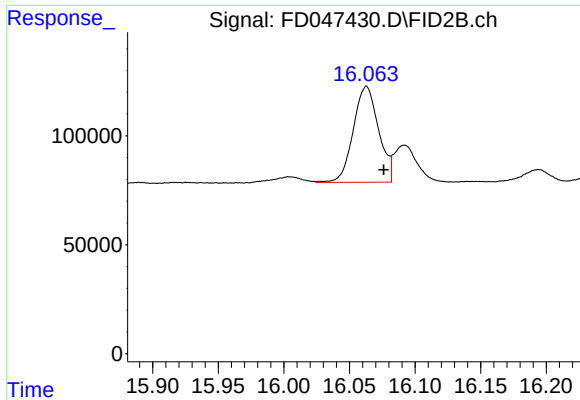
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.015 min
Response: 351739
Conc: 2.59 ug/ml



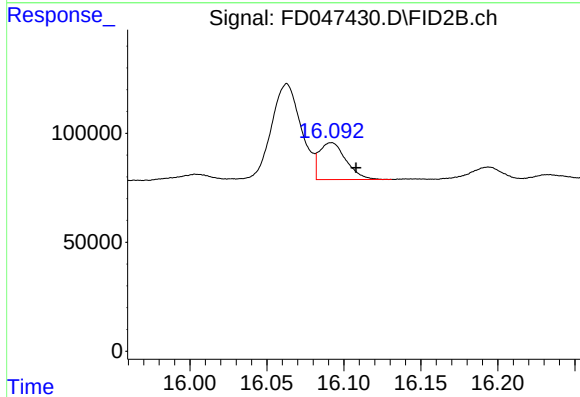
#15 Chrysene (C27.41)

R.T.: 14.561 min
Delta R.T.: -0.015 min
Response: 477102
Conc: 3.21 ug/ml



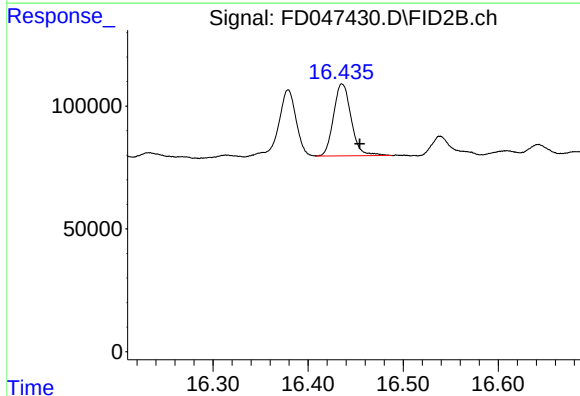
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min
Delta R.T.: -0.013 min
Response: 592064
Conc: 4.22 ug/ml



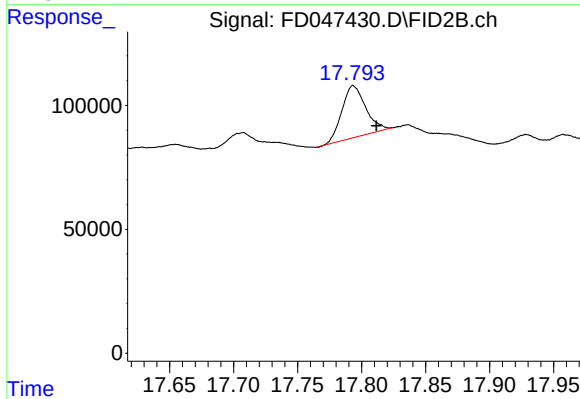
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.092 min
Delta R.T.: -0.016 min
Response: 204674
Conc: 1.45 ug/ml



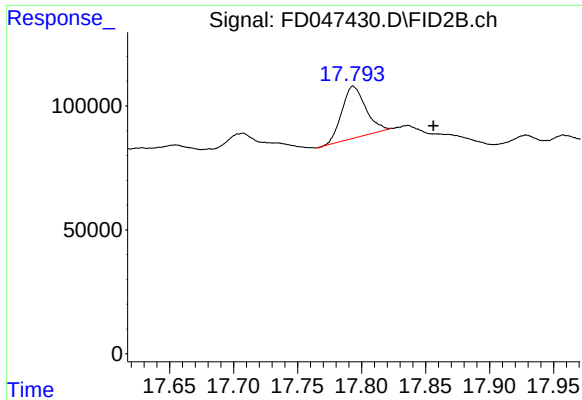
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: -0.018 min
Response: 376097
Conc: 2.72 ug/ml



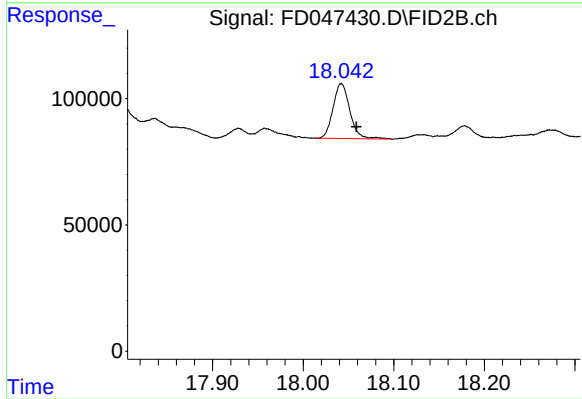
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.018 min
Response: 269306
Conc: 2.15 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.062 min
Response: 269306
Conc: 2.04 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.017 min
Response: 279961
Conc: 2.08 ug/ml