

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102720AR\
 Data File : FD035172.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2020 21:13
 Operator : DD\AJ
 Sample : L4521-10D
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 01:32:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.647	5544512	48.101 ug/ml
Spiked Amount 50.000		Recovery =	96.20%
6) S 2-Fluorobiphenyl (SURR)	8.510	3718800	46.779 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.56%
11) S ortho-Terphenyl (SURR)	11.550	4577952	34.730 ug/ml
Spiked Amount 50.000		Recovery =	69.46%
Target Compounds			
9) T Phenanthrene (C19.36)	10.785	597685	4.716 ug/ml
12) T Fluoranthene (C21.85)	12.595	1213842	9.744 ug/ml
13) T Pyrene (C20.8)	12.892	958912	7.846 ug/ml
14) T Benzo[a]anthracene (C...	14.764	384734	3.629 ug/ml
15) T Chrysene (C27.41)	14.803	557324	4.763 ug/ml
16) T benzo[b]fluoranthene ...	16.315	703168	6.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	703168	6.705 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.693	332090	3.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	256612	2.893 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	256612	2.531 ug/ml
21) T Benzo[g,h,i]perylene ...	18.309	221899	2.322 ug/ml

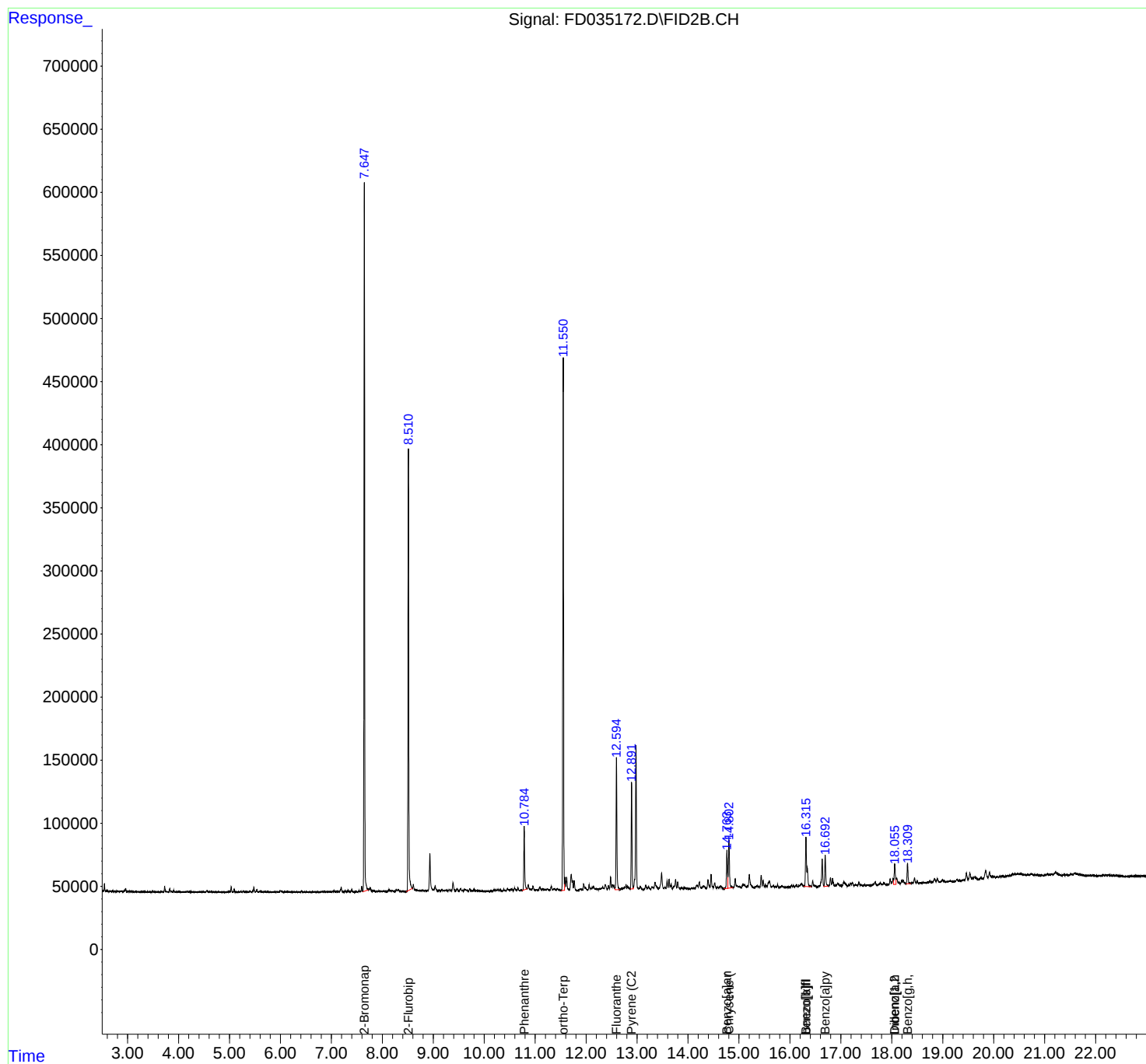
(f)=RT Delta > 1/2 Window

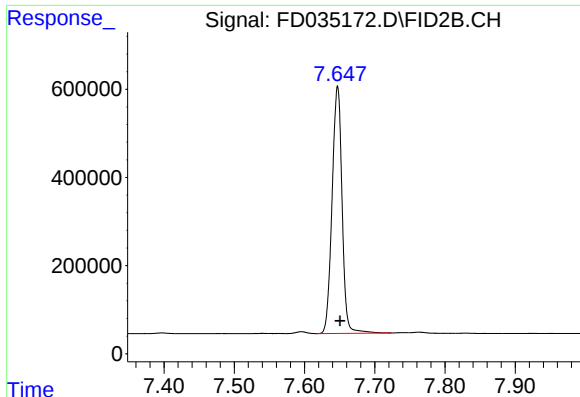
(m)=manual int.

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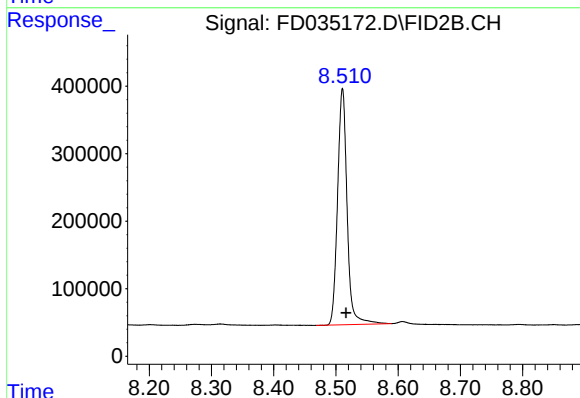
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Signal Info : 20M x 0.18mm x 0.18µm





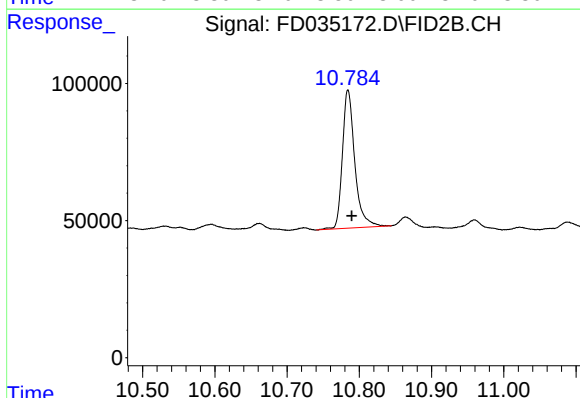
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 5544512
Conc: 48.10 ug/ml



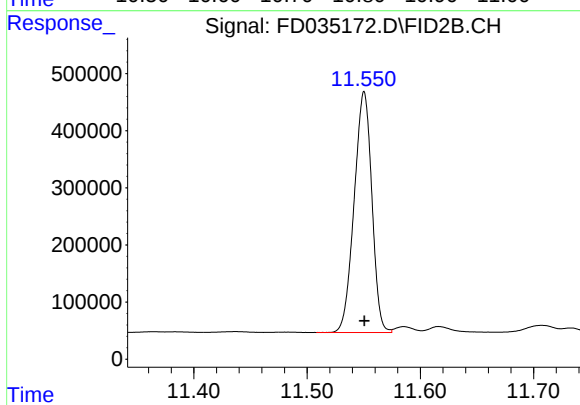
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.510 min
Delta R.T.: -0.006 min
Response: 3718800
Conc: 46.78 ug/ml



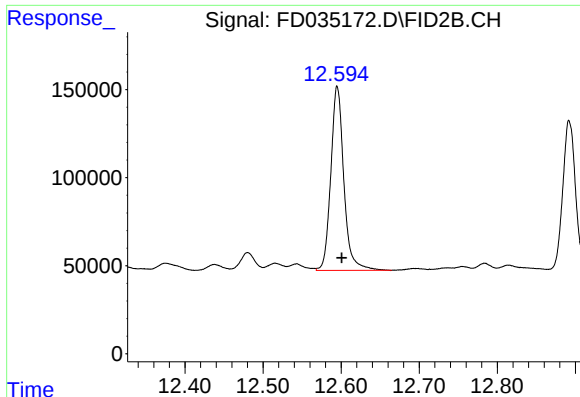
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.005 min
Response: 597685
Conc: 4.72 ug/ml



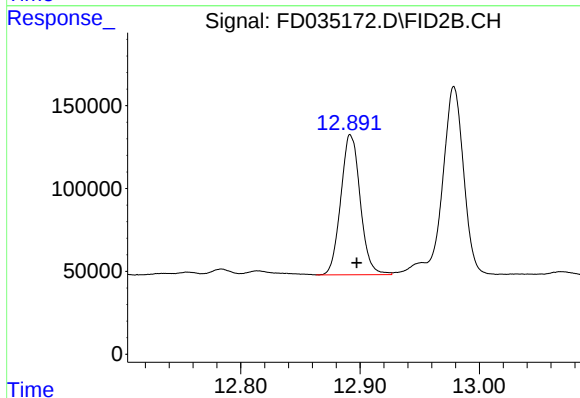
#11 ortho-Terphenyl (SURRE)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 4577952
Conc: 34.73 ug/ml



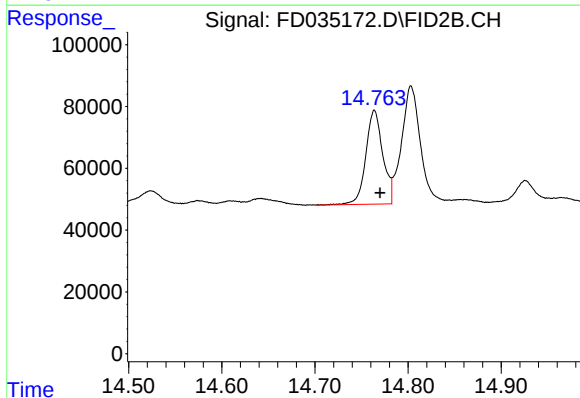
#12 Fluoranthene (C21.85)

R.T.: 12.595 min
Delta R.T.: -0.006 min
Response: 1213842
Conc: 9.74 ug/ml



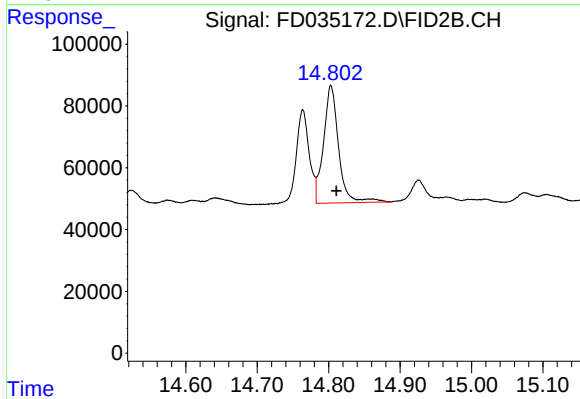
#13 Pyrene (C20.8)

R.T.: 12.892 min
Delta R.T.: -0.005 min
Response: 958912
Conc: 7.85 ug/ml



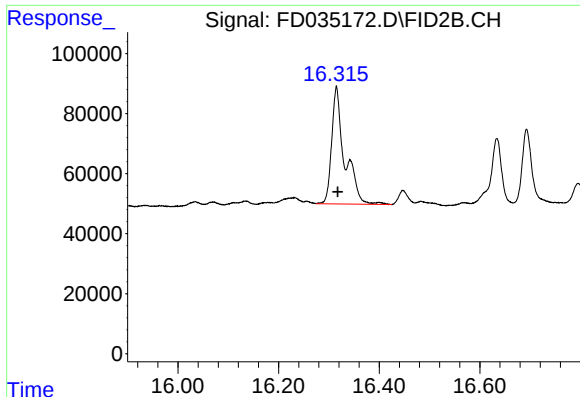
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: -0.006 min
Response: 384734
Conc: 3.63 ug/ml



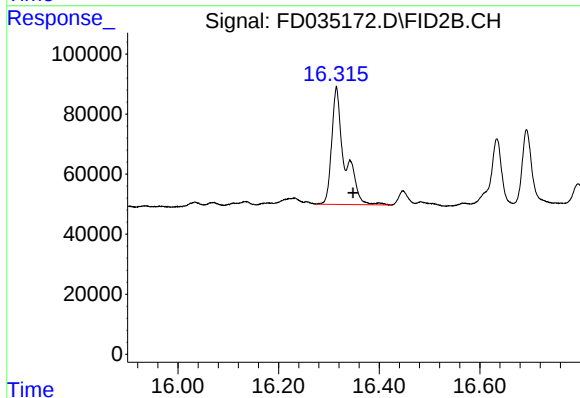
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: -0.007 min
Response: 557324
Conc: 4.76 ug/ml



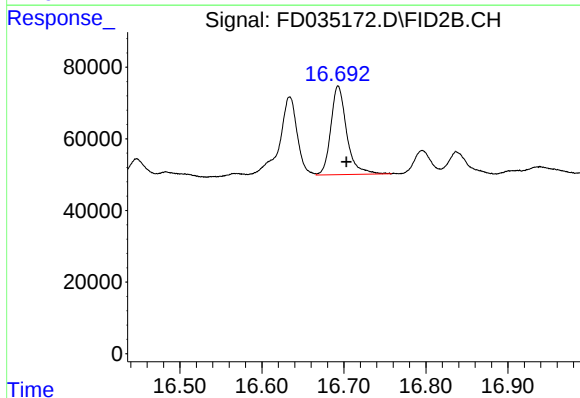
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.315 min
Delta R.T.: -0.003 min
Response: 703168
Conc: 6.85 ug/ml



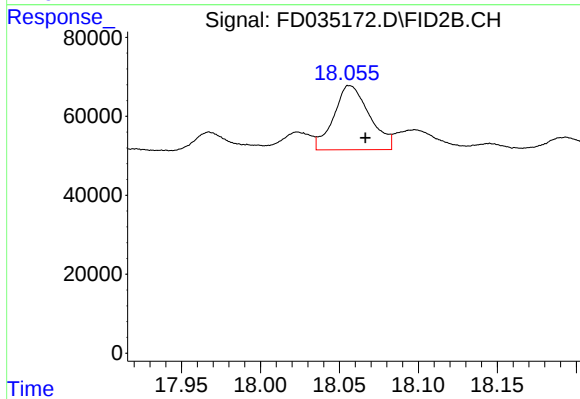
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.315 min
Delta R.T.: -0.033 min
Response: 703168
Conc: 6.70 ug/ml



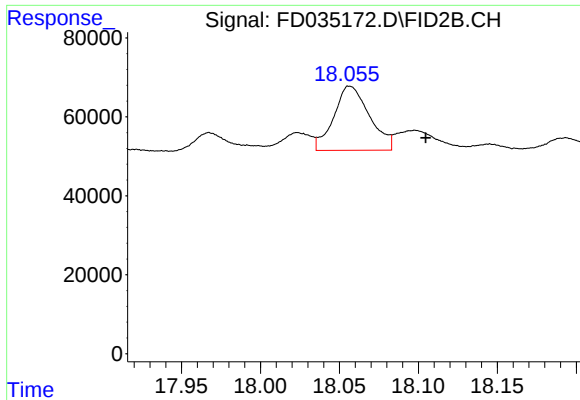
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min
Delta R.T.: -0.010 min
Response: 332090
Conc: 3.51 ug/ml



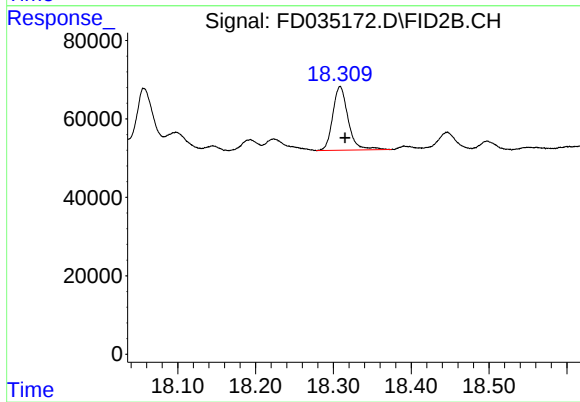
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.009 min
Response: 256612
Conc: 2.89 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.048 min
Response: 256612
Conc: 2.53 ug/ml



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

R.T.: 18.309 min
Delta R.T.: -0.006 min
Response: 221899
Conc: 2.32 ug/ml