

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046958.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 21:43
 Operator : YP/AJ
 Sample : 05451-06
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:48:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.479	8270196	45.347 ug/ml
Spiked Amount 50.000		Recovery =	90.69%
6) S 2-Fluorobiphenyl (SURR)	8.332	5163302	43.875 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.75%
11) S ortho-Terphenyl (SURR)	11.371	8389178	39.617 ug/ml
Spiked Amount 50.000		Recovery =	79.23%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.142	68825	0.374 ug/ml
9) T Phenanthrene (C19.36)	10.599	67862	0.381 ug/ml
12) T Fluoranthene (C21.85)	12.401	120455	0.697 ug/ml
13) T Pyrene (C20.8)	12.694	75612	0.455 ug/ml
14) T Benzo[a]anthracene (C...	14.561	53808	0.382 ug/ml
15) T Chrysene (C27.41)	14.602	117659	0.754 ug/ml
16) T benzo[b]fluoranthene ...	16.103	107249	0.749 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	91752	0.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	79728	0.569 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	433229	3.429 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	408511	2.924 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	84584	0.606 ug/ml

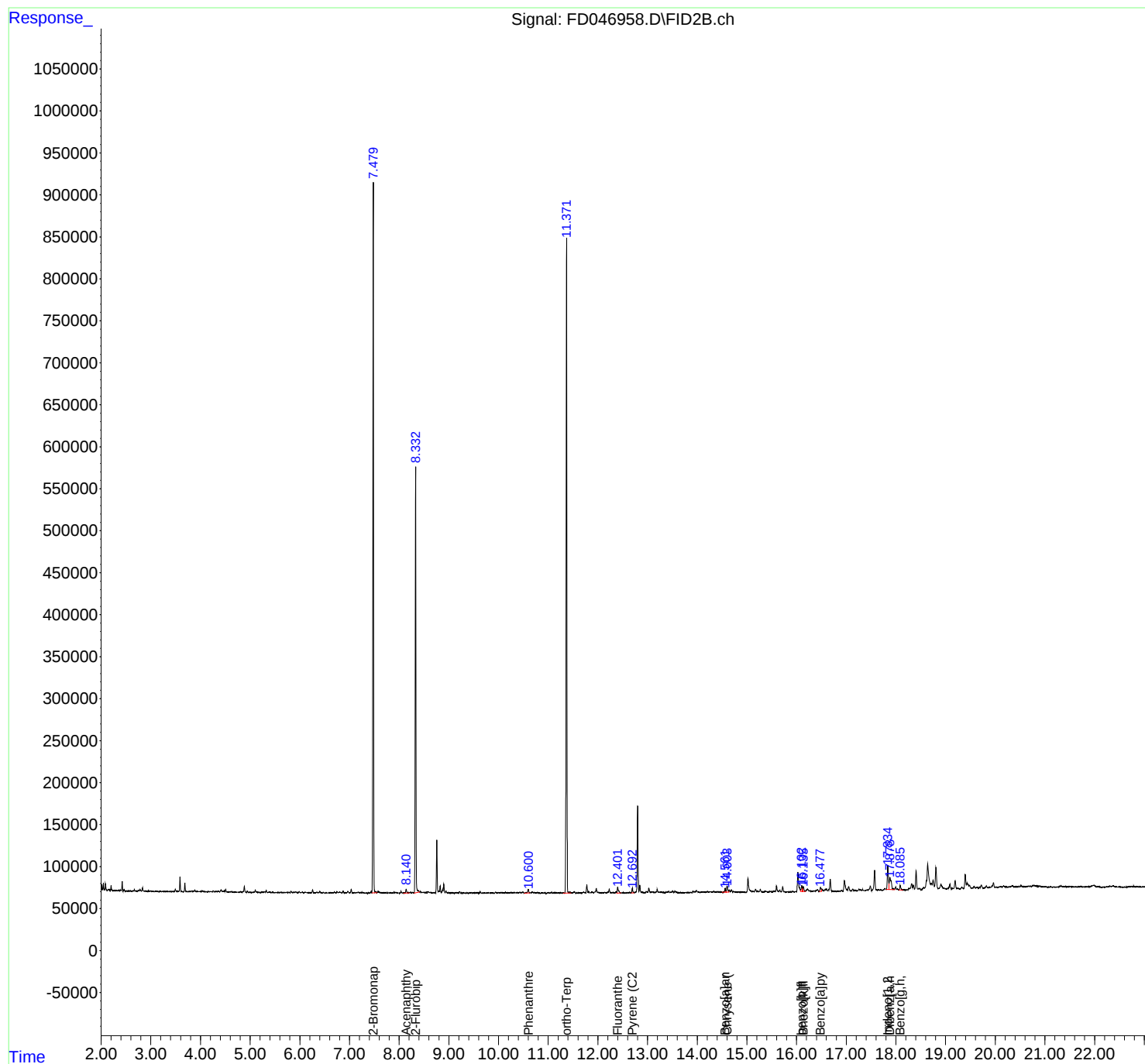
(f)=RT Delta > 1/2 Window

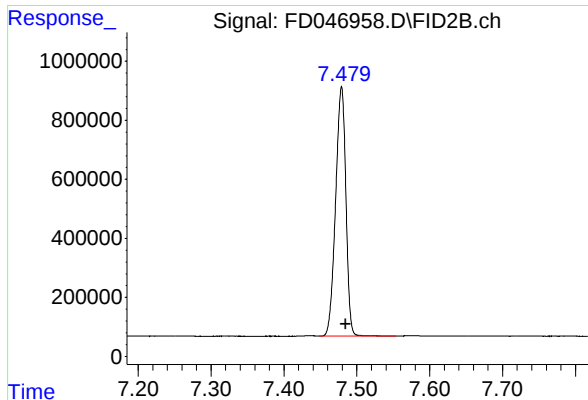
(m)=manual int.

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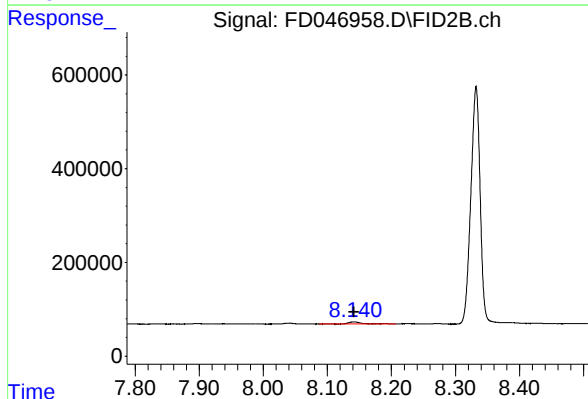
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





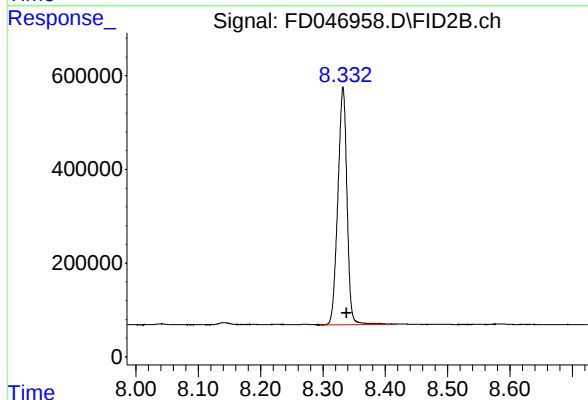
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 8270196
Conc: 45.35 ug/ml



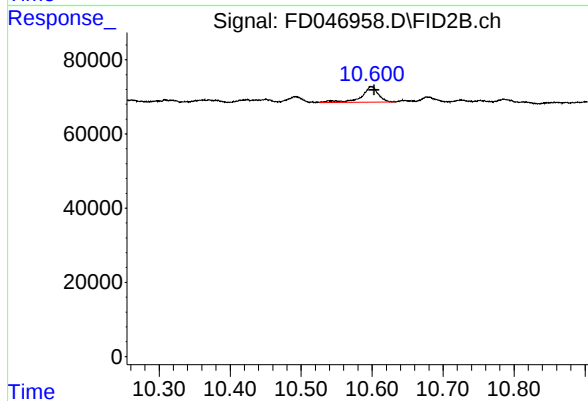
#5 Acenaphthylene (C15.06)

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 68825
Conc: 0.37 ug/ml



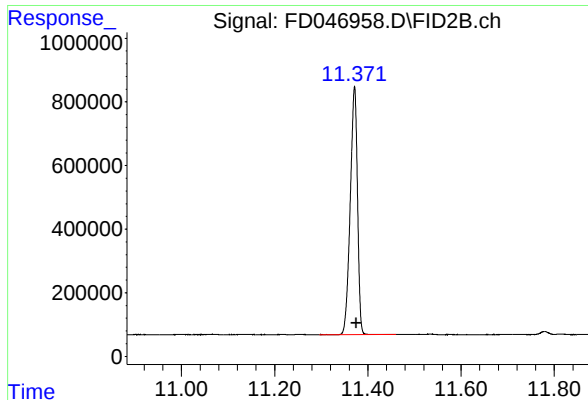
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.332 min
Delta R.T.: -0.006 min
Response: 5163302
Conc: 43.87 ug/ml



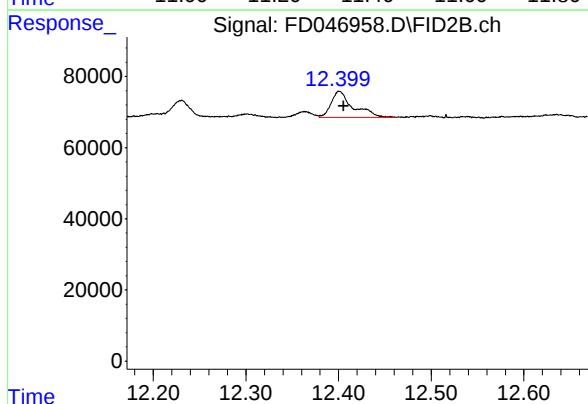
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 67862
Conc: 0.38 ug/ml



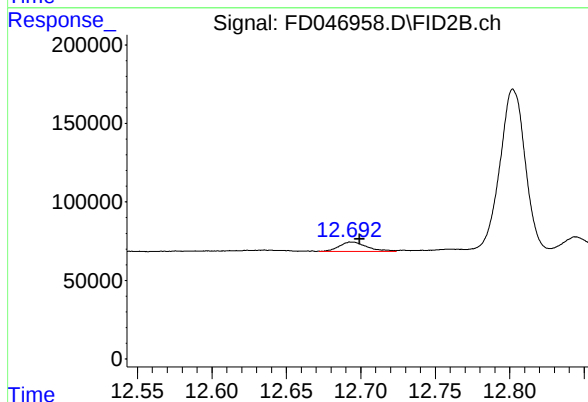
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 8389178
Conc: 39.62 ug/ml



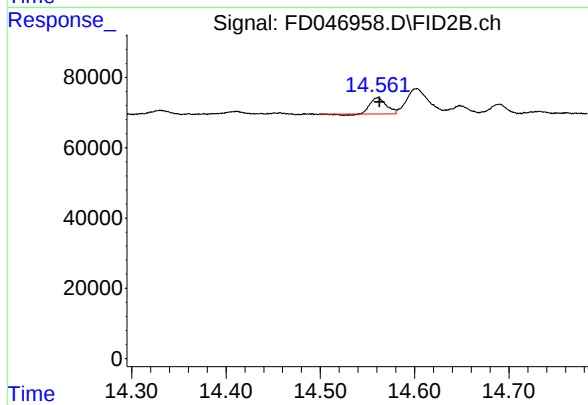
#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: -0.005 min
Response: 120455
Conc: 0.70 ug/ml



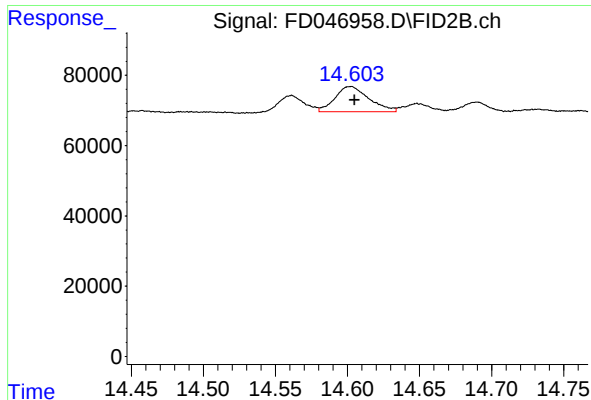
#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: -0.005 min
Response: 75612
Conc: 0.45 ug/ml



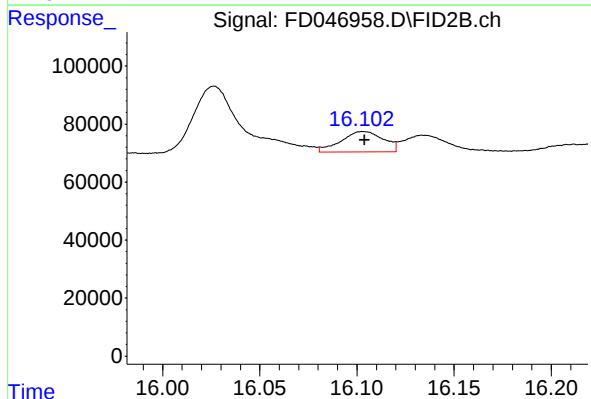
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.002 min
Response: 53808
Conc: 0.38 ug/ml



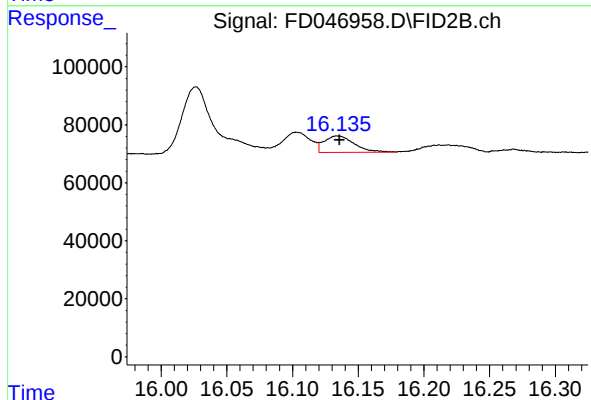
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 117659
Conc: 0.75 ug/ml



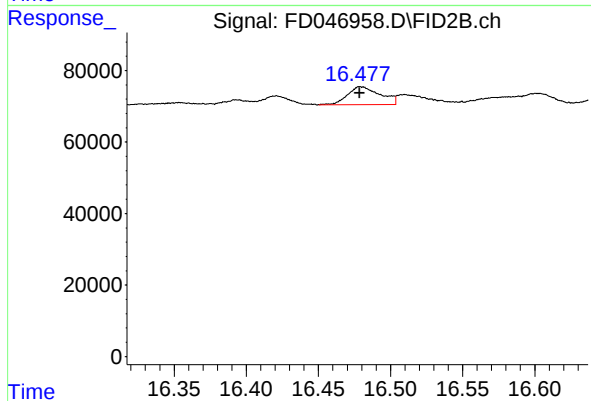
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.103 min
Delta R.T.: 0.000 min
Response: 107249
Conc: 0.75 ug/ml



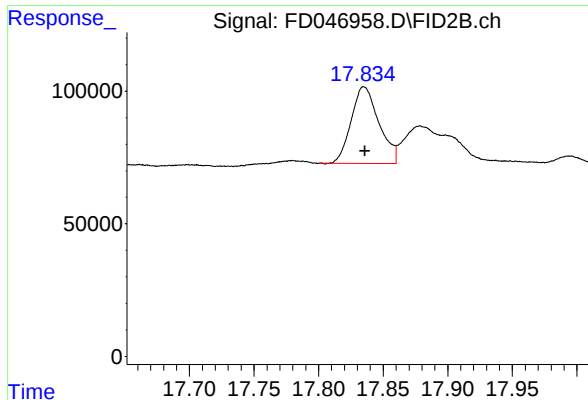
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.135 min
Delta R.T.: -0.001 min
Response: 91752
Conc: 0.63 ug/ml



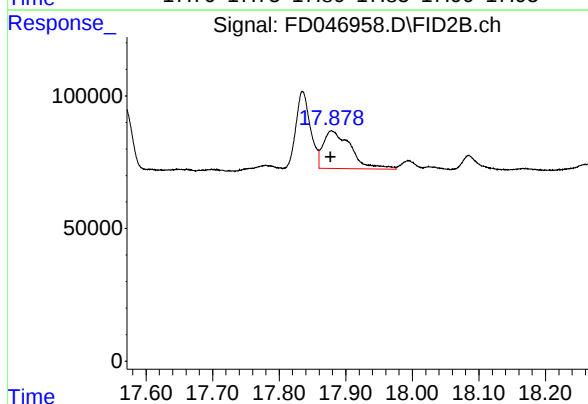
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.001 min
Response: 79728
Conc: 0.57 ug/ml



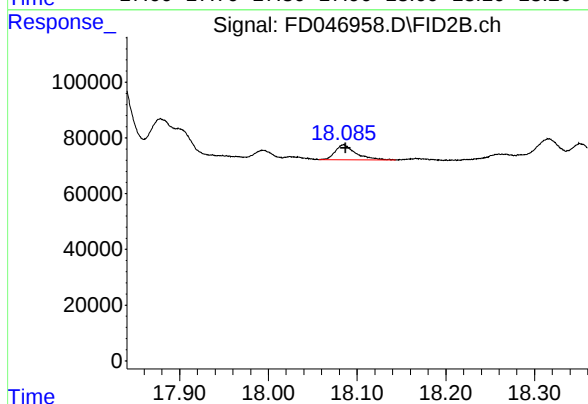
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.000 min
Response: 433229
Conc: 3.43 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.002 min
Response: 408511
Conc: 2.92 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 84584
Conc: 0.61 ug/ml