

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046955.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 19:47
 Operator : YP/AJ
 Sample : 05451-05D
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:48:14 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	7205667	39.510 ug/ml
Spiked Amount 50.000		Recovery =	79.02%
6) S 2-Fluorobiphenyl (SURR)	8.331	4581559	38.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.86%
11) S ortho-Terphenyl (SURR)	11.370	6678766	31.540 ug/ml
Spiked Amount 50.000		Recovery =	63.08%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.875	39523	0.197 ug/ml
7) T Acenaphthene (C15.5)	8.390	43852	0.224 ug/ml
9) T Phenanthrene (C19.36)	10.601	43905	0.247 ug/ml
12) T Fluoranthene (C21.85)	12.403	73651	0.426 ug/ml
13) T Pyrene (C20.8)	12.696	48347	0.291 ug/ml
14) T Benzo[a]anthracene (C...	14.607	50316	0.358 ug/ml
15) T Chrysene (C27.41)	14.607	50316	0.323 ug/ml
16) T benzo[b]fluoranthene ...	16.107	71022	0.496 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	45900	0.314 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	79640	0.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	253358	2.006 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	251934	1.803 ug/ml

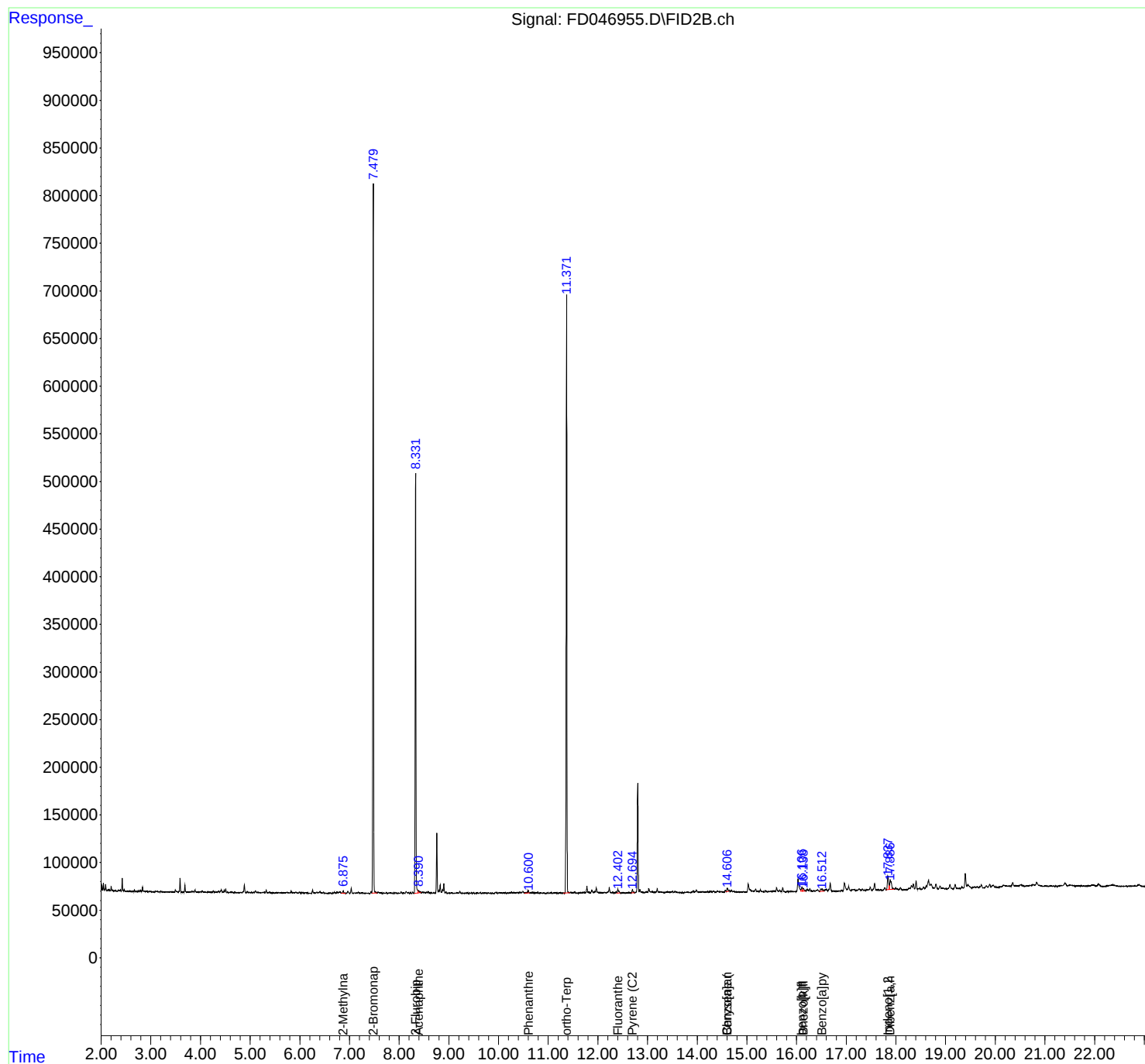
(f)=RT Delta > 1/2 Window

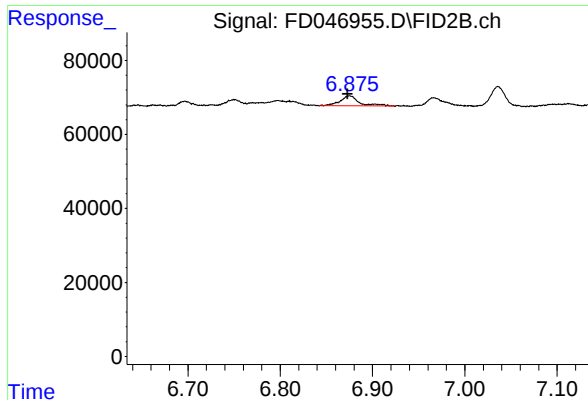
(m)=manual int.

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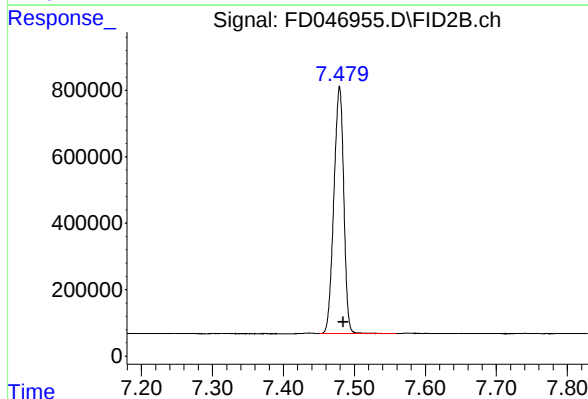
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





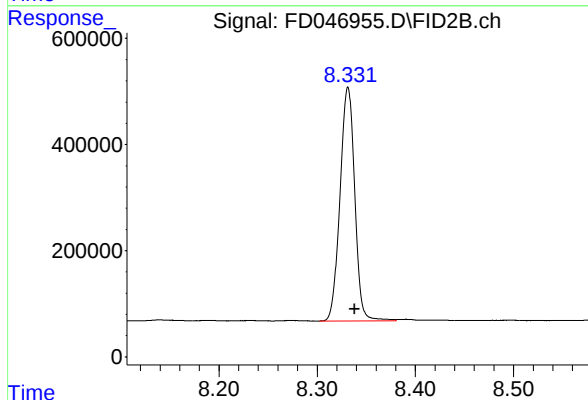
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 39523
Conc: 0.20 ug/ml



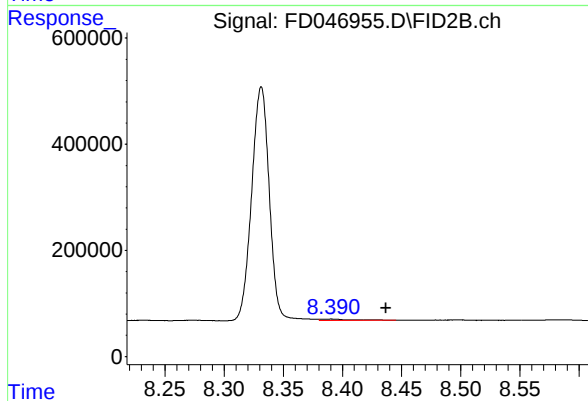
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 7205667
Conc: 39.51 ug/ml



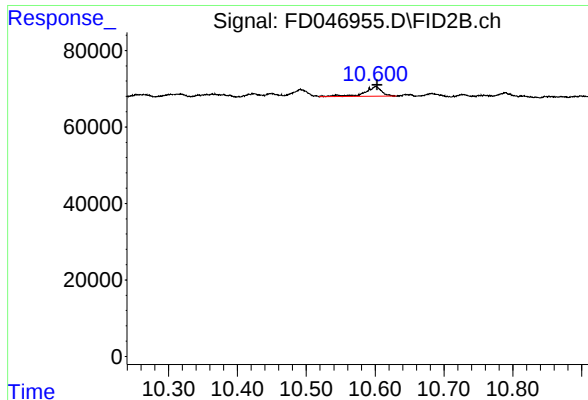
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4581559
Conc: 38.93 ug/ml



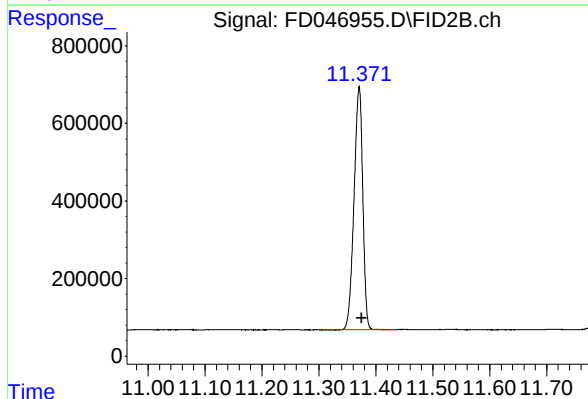
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.046 min
Response: 43852
Conc: 0.22 ug/ml



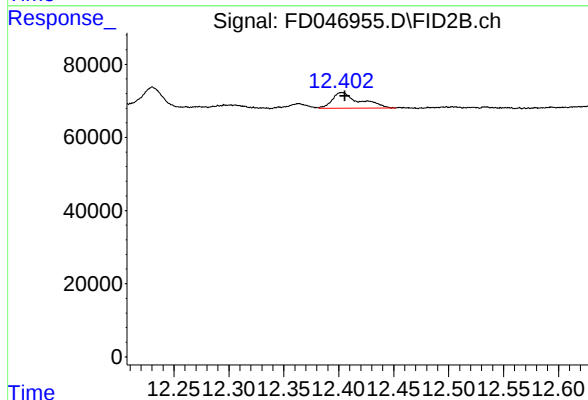
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 43905
Conc: 0.25 ug/ml



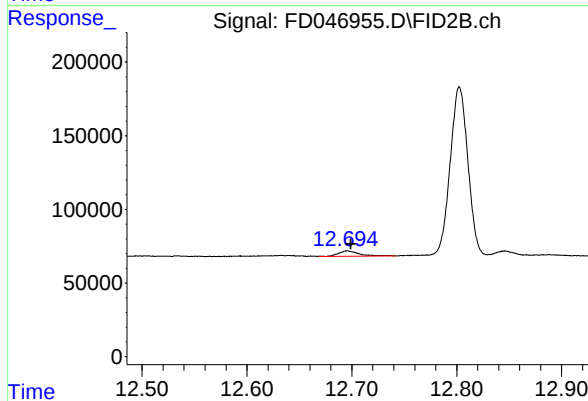
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 6678766
Conc: 31.54 ug/ml



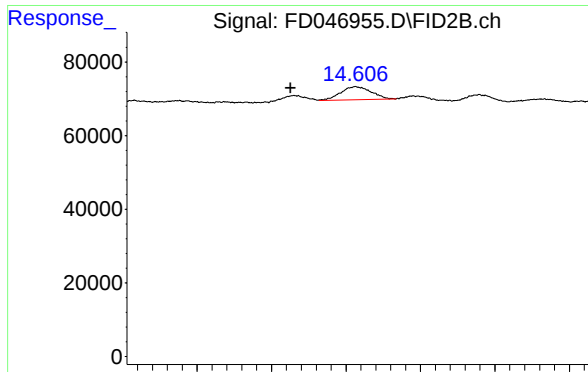
#12 Fluoranthene (C21.85)

R.T.: 12.403 min
Delta R.T.: -0.003 min
Response: 73651
Conc: 0.43 ug/ml



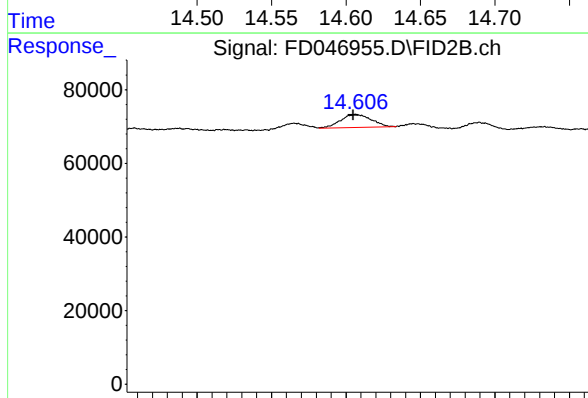
#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 48347
Conc: 0.29 ug/ml



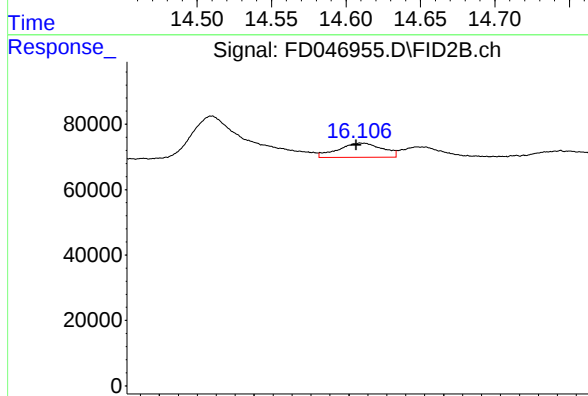
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: 0.044 min
Response: 50316
Conc: 0.36 ug/ml



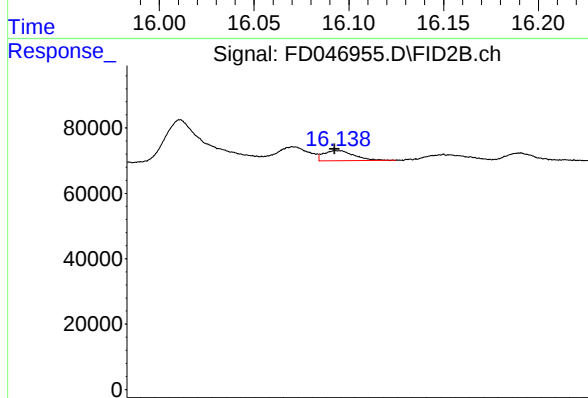
#15 Chrysene (C27.41)

R.T.: 14.607 min
Delta R.T.: 0.002 min
Response: 50316
Conc: 0.32 ug/ml



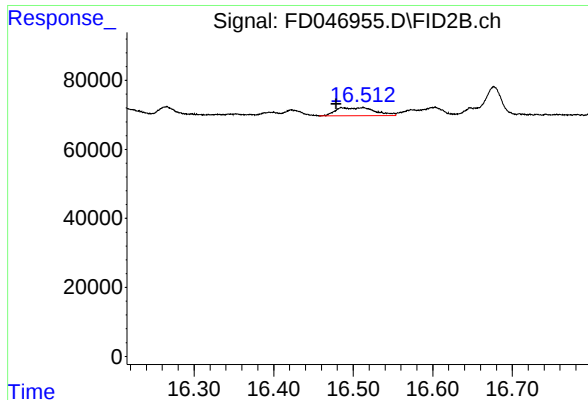
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.107 min
Delta R.T.: 0.003 min
Response: 71022
Conc: 0.50 ug/ml



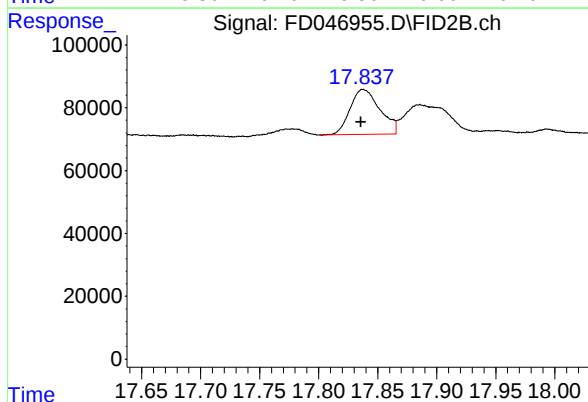
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: 0.002 min
Response: 45900
Conc: 0.31 ug/ml



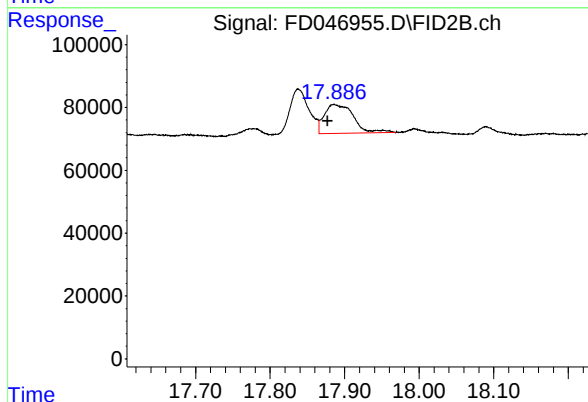
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.033 min
Response: 79640
Conc: 0.57 ug/ml



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

R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 253358
Conc: 2.01 ug/ml



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

R.T.: 17.886 min
Delta R.T.: 0.009 min
Response: 251934
Conc: 1.80 ug/ml