

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046960.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 23:01
 Operator : YP/AJ
 Sample : 05451-08
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 23 02:48:21 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	8730011	47.869 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
6) S 2-Fluorobiphenyl (SURR)	8.331	4557436	38.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.45%
11) S ortho-Terphenyl (SURR)	11.374	11439227	54.021 ug/ml
Spiked Amount 50.000		Recovery =	108.04%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.877	97412	0.485 ug/ml
5) T Acenaphthylene (C15.06)	8.141	37855	0.206 ug/ml
9) T Phenanthrene (C19.36)	10.598	95597	0.537 ug/ml
12) T Fluoranthene (C21.85)	12.399	136651	0.791 ug/ml
13) T Pyrene (C20.8)	12.693	109485	0.658 ug/ml
14) T Benzo[a]anthracene (C...	14.561	54051	0.384 ug/ml
15) T Chrysene (C27.41)	14.602	110751	0.710 ug/ml
16) T benzo[b]fluoranthene ...	16.104	125311	0.876 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	60614	0.414 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	56133	0.400 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	449218	3.556 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	274756	1.967 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	49035	0.351 ug/ml

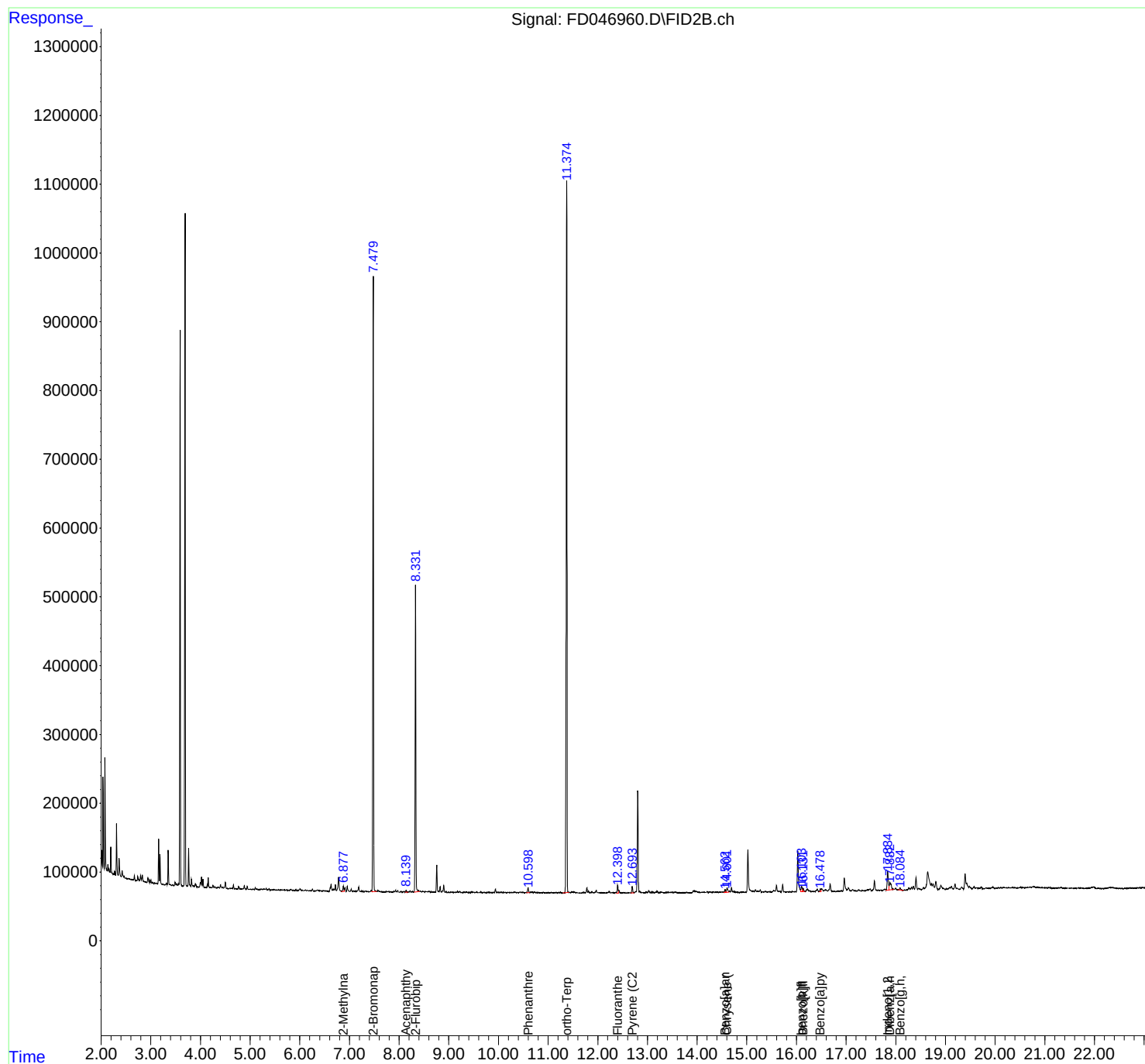
(f)=RT Delta > 1/2 Window

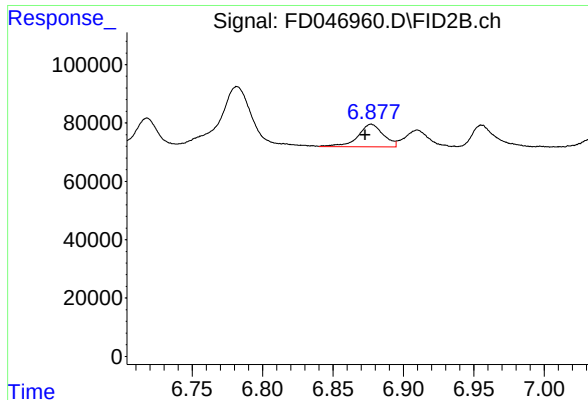
(m)=manual int.

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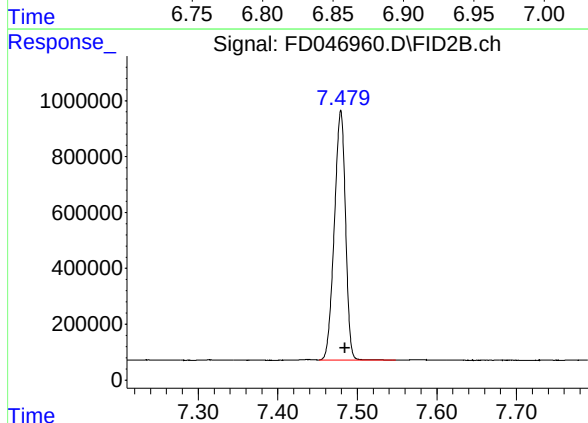
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





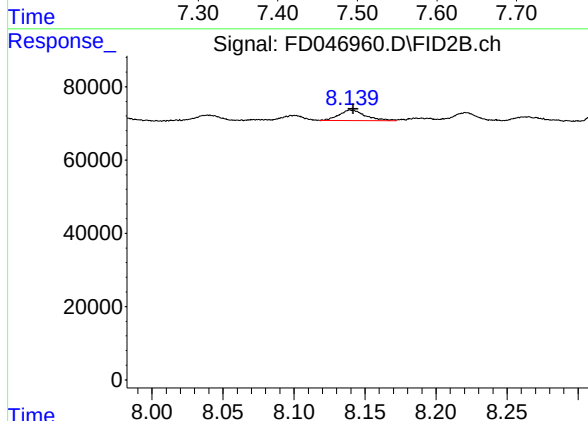
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.004 min
Response: 97412
Conc: 0.48 ug/ml



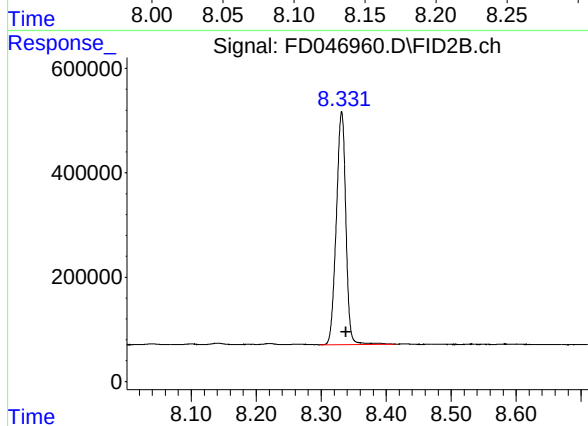
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 8730011
Conc: 47.87 ug/ml



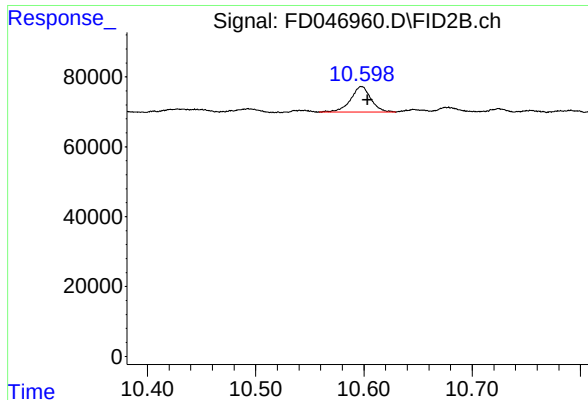
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 37855
Conc: 0.21 ug/ml



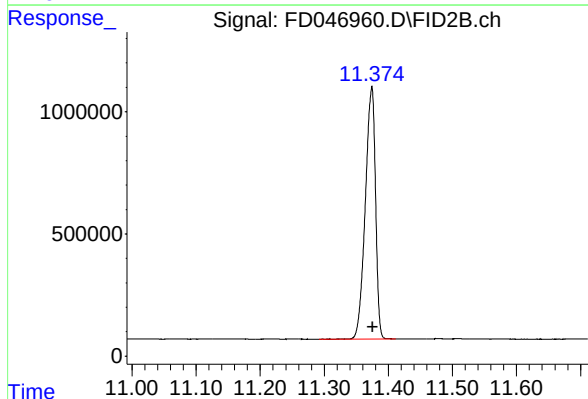
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4557436
Conc: 38.73 ug/ml



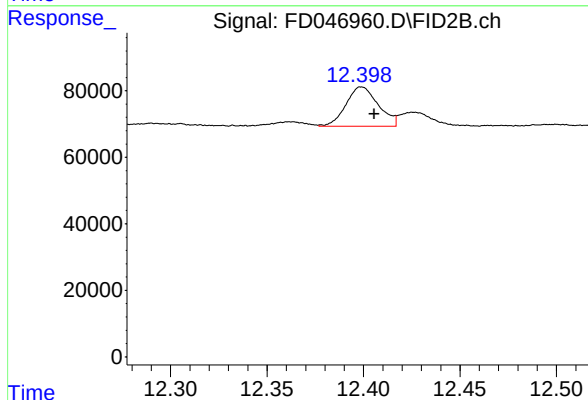
#9 Phenanthrene (C19.36)

R.T.: 10.598 min
Delta R.T.: -0.006 min
Response: 95597
Conc: 0.54 ug/ml



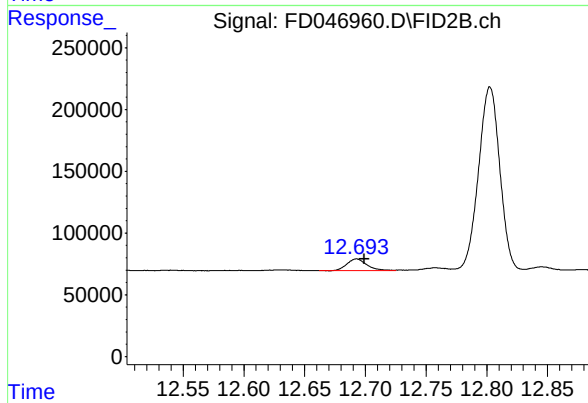
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: -0.002 min
Response: 11439227
Conc: 54.02 ug/ml



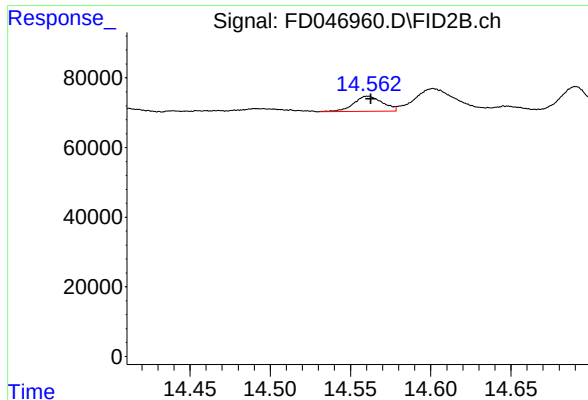
#12 Fluoranthene (C21.85)

R.T.: 12.399 min
Delta R.T.: -0.006 min
Response: 136651
Conc: 0.79 ug/ml



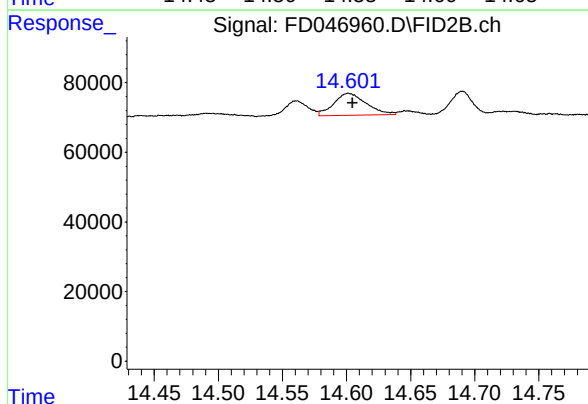
#13 Pyrene (C20.8)

R.T.: 12.693 min
Delta R.T.: -0.006 min
Response: 109485
Conc: 0.66 ug/ml



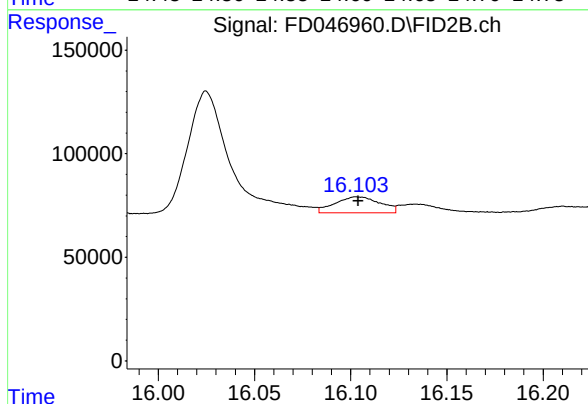
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.002 min
Response: 54051
Conc: 0.38 ug/ml



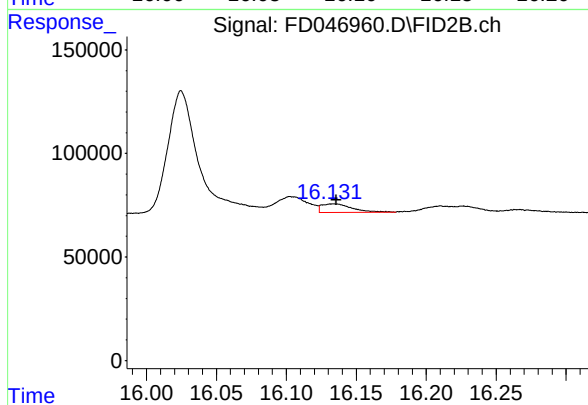
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 110751
Conc: 0.71 ug/ml



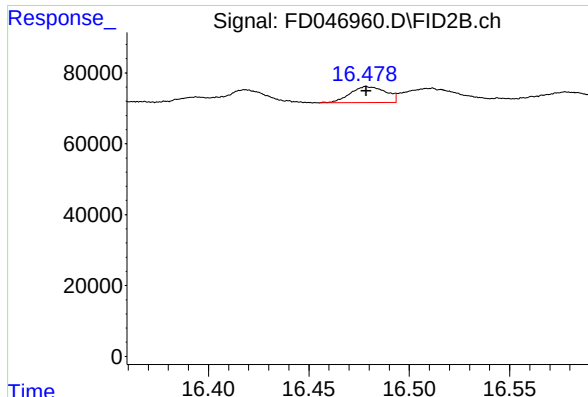
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 125311
Conc: 0.88 ug/ml



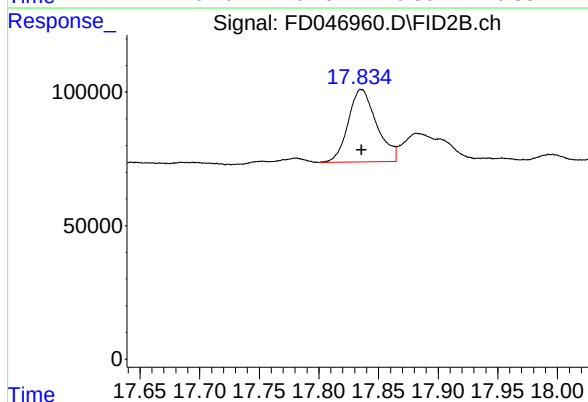
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: -0.002 min
Response: 60614
Conc: 0.41 ug/ml



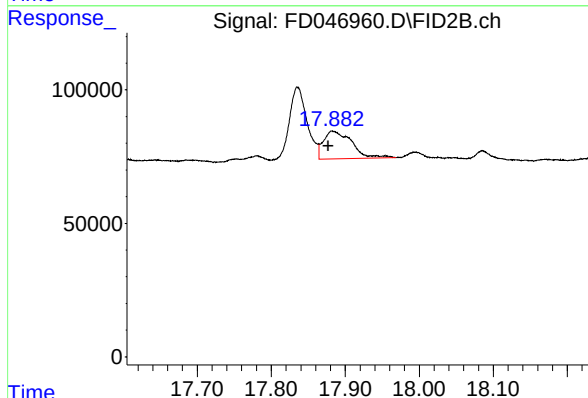
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.001 min
Response: 56133
Conc: 0.40 ug/ml



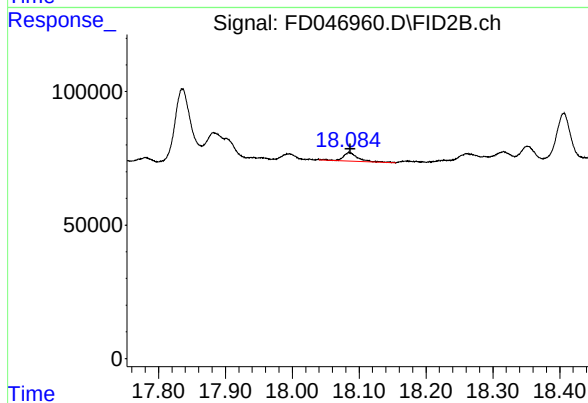
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 449218
Conc: 3.56 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.006 min
Response: 274756
Conc: 1.97 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 49035
Conc: 0.35 ug/ml