

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046753.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2023 02:11
 Operator : YP/AJ
 Sample : 04816-04
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 14 03:03:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.491	12954717	69.786 ug/ml
Spiked Amount 50.000		Recovery =	139.57%
6) S 2-Fluorobiphenyl (SURR)	8.345	8597193	70.955 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	141.91%#
11) S ortho-Terphenyl (SURR)	11.382	8810358	40.722 ug/ml
Spiked Amount 50.000		Recovery =	81.44%
Target Compounds			
2) T Naphthalene (C11.7)	5.831	29537	0.146 ug/ml
9) T Phenanthrene (C19.36)	10.609	33694	0.183 ug/ml
12) T Fluoranthene (C21.85)	12.409	107378	0.589 ug/ml
13) T Pyrene (C20.8)	12.702	93068	0.531 ug/ml
14) T Benzo[a]anthracene (C...	14.569	33374	0.228 ug/ml
15) T Chrysene (C27.41)	14.610	86941	0.540 ug/ml
16) T benzo[b]fluoranthene ...	16.109	84461	0.565 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	37478	0.249 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	60668	0.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	15863	0.117 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	62574	0.443 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	48850	0.347 ug/ml

(f)=RT Delta > 1/2 Window

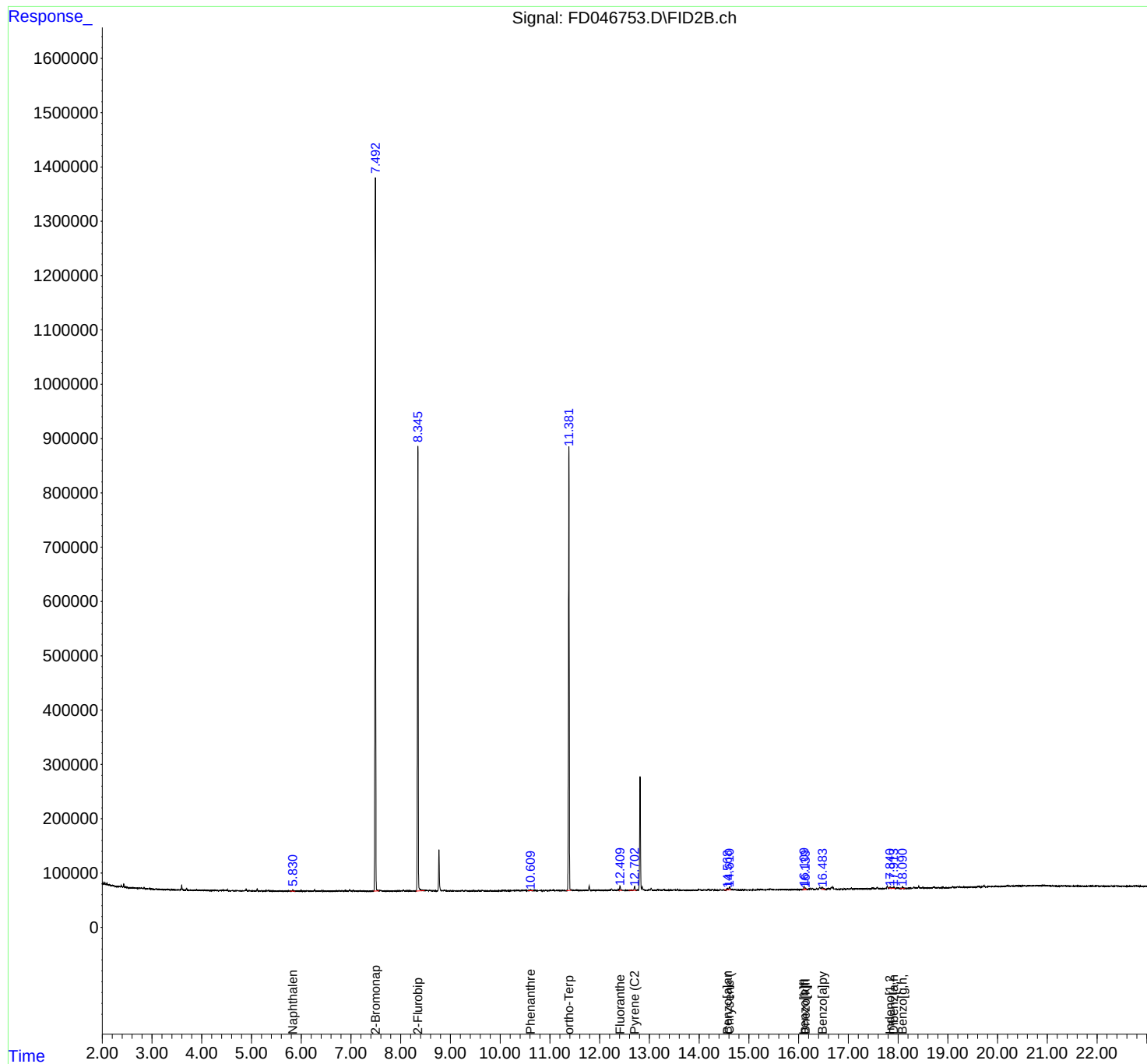
(m)=manual int.

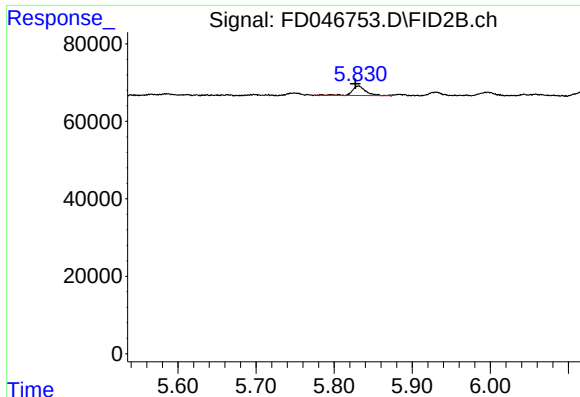
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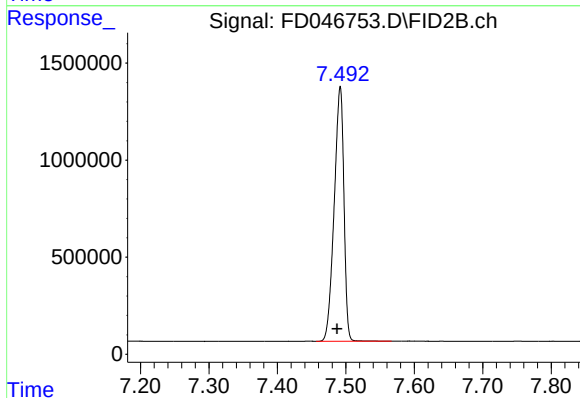




#2 Naphthalene (C11.7)

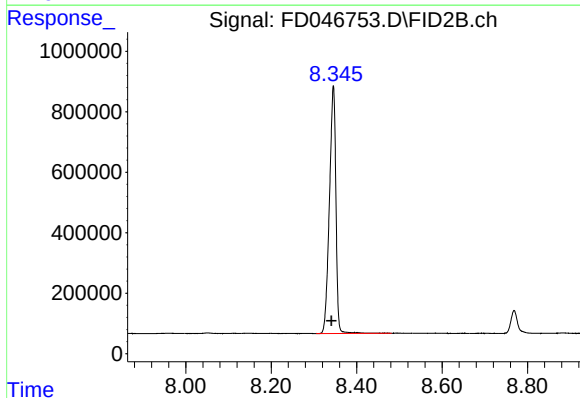
R.T.: 5.831 min
Delta R.T.: 0.004 min
Response: 29537
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



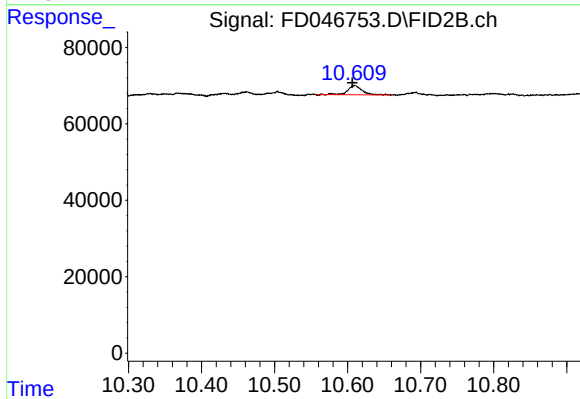
#4 2-Bromonaphthalene (SURR)

R.T.: 7.491 min
Delta R.T.: 0.004 min
Response: 12954717
Conc: 69.79 ug/ml



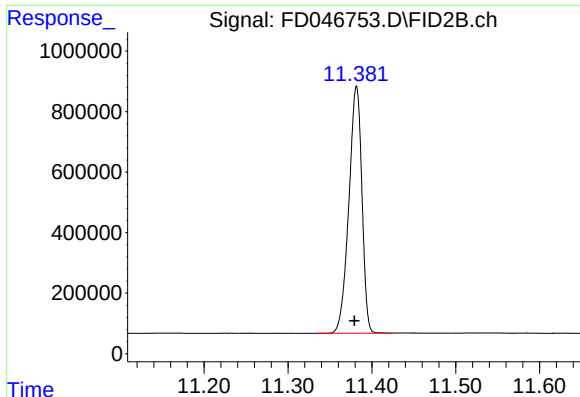
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: 0.004 min
Response: 8597193
Conc: 70.96 ug/ml



#9 Phenanthrene (C19.36)

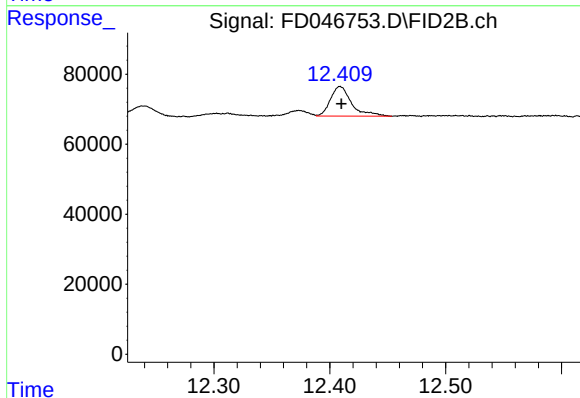
R.T.: 10.609 min
Delta R.T.: 0.003 min
Response: 33694
Conc: 0.18 ug/ml



#11 ortho-Terphenyl (SURR)

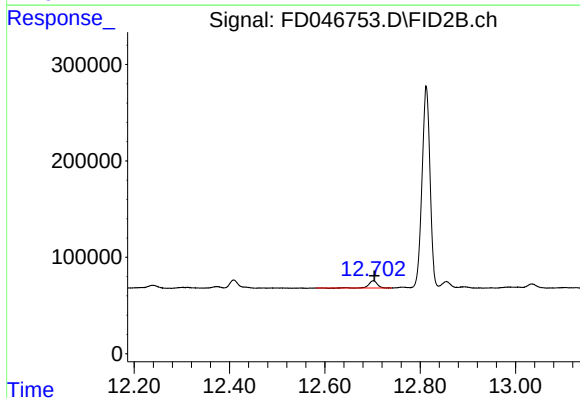
R.T.: 11.382 min
Delta R.T.: 0.002 min
Response: 8810358
Conc: 40.72 ug/ml

Instrument :
FID_D
ClientSampleId :



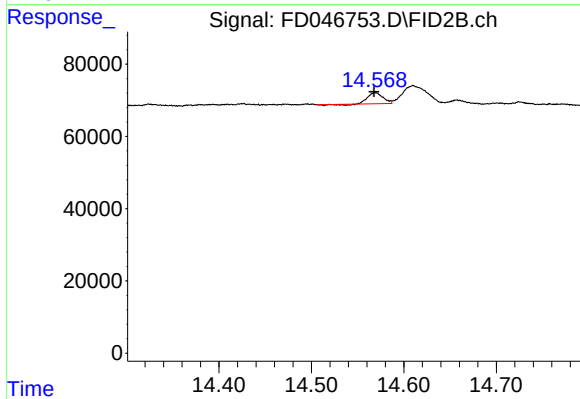
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.001 min
Response: 107378
Conc: 0.59 ug/ml



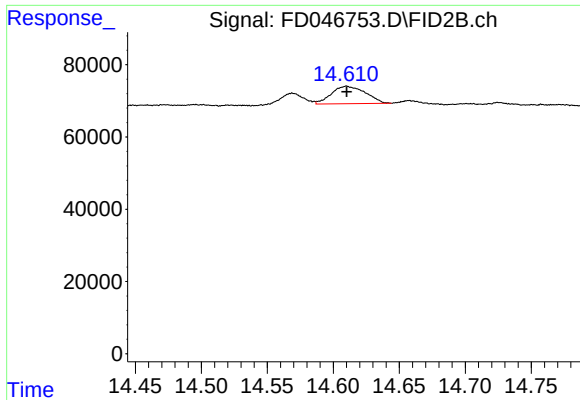
#13 Pyrene (C20.8)

R.T.: 12.702 min
Delta R.T.: -0.002 min
Response: 93068
Conc: 0.53 ug/ml



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

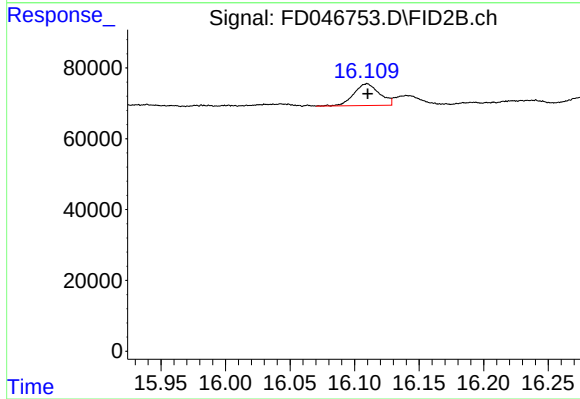
R.T.: 14.569 min
Delta R.T.: 0.001 min
Response: 33374
Conc: 0.23 ug/ml



#15 Chrysene (C27.41)

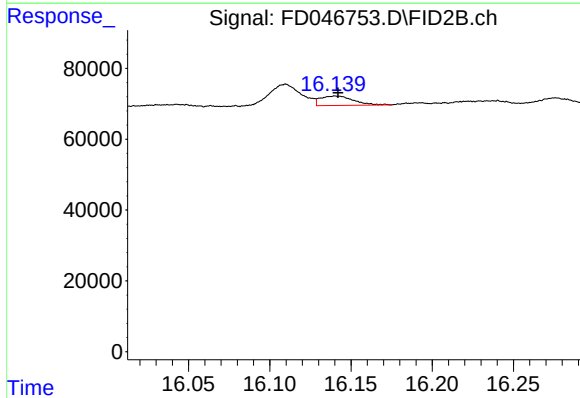
R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 86941
Conc: 0.54 ug/ml

Instrument :
FID_D
ClientSampleId :



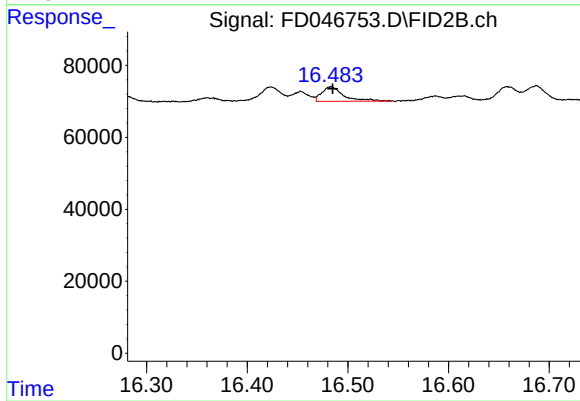
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 84461
Conc: 0.57 ug/ml



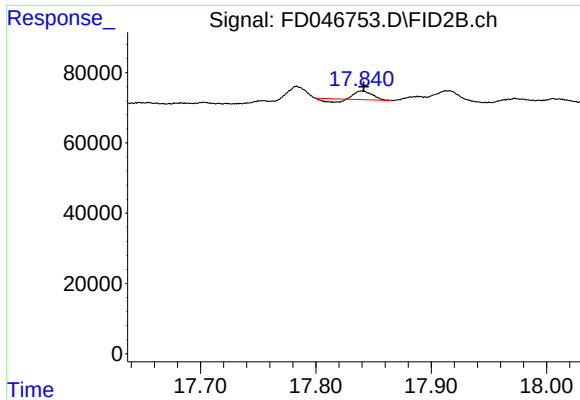
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.141 min
Delta R.T.: -0.001 min
Response: 37478
Conc: 0.25 ug/ml



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

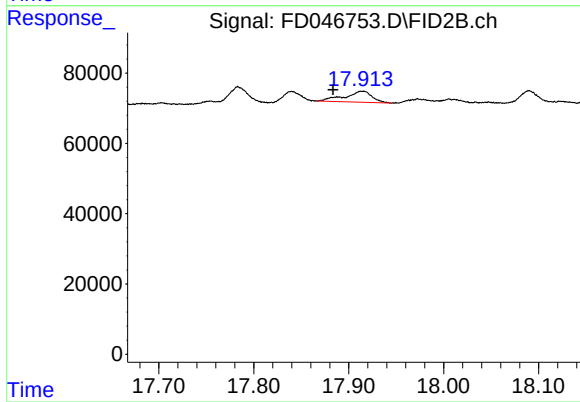
R.T.: 16.483 min
Delta R.T.: -0.002 min
Response: 60668
Conc: 0.43 ug/ml



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

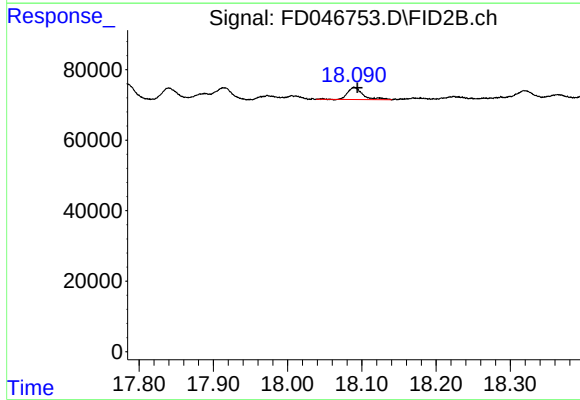
R.T.: 17.840 min
Delta R.T.: -0.001 min
Response: 15863
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.914 min
Delta R.T.: 0.031 min
Response: 62574
Conc: 0.44 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.004 min
Response: 48850
Conc: 0.35 ug/ml