

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046055.D
 Signal(s) : FID2B.ch
 Acq On : 04 Jul 2023 03:22
 Operator : YP/AJ
 Sample : 03473-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 05 01:32:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.518	7752036	35.973 ug/ml
Spiked Amount 50.000		Recovery =	71.95%
6) S 2-Fluorobiphenyl (SURR)	8.373	4812041	34.769 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.54%
11) S ortho-Terphenyl (SURR)	11.411	5640911	22.250 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390f	70500	0.283 ug/ml
5) T Acenaphthylene (C15.06)	8.182	96158	0.443 ug/ml
9) T Phenanthrene (C19.36)	10.636	141577	0.664 ug/ml
12) T Fluoranthene (C21.85)	12.439	176487	0.862 ug/ml
13) T Pyrene (C20.8)	12.733	177245	0.912 ug/ml
14) T Benzo[a]anthracene (C...	14.641	205062	1.140 ug/ml
15) T Chrysene (C27.41)	14.641	205062	1.045 ug/ml
16) T benzo[b]fluoranthene ...	16.140	109807	0.585 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	397858	2.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	427770	2.299 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	413910	2.251 ug/ml

(f)=RT Delta > 1/2 Window

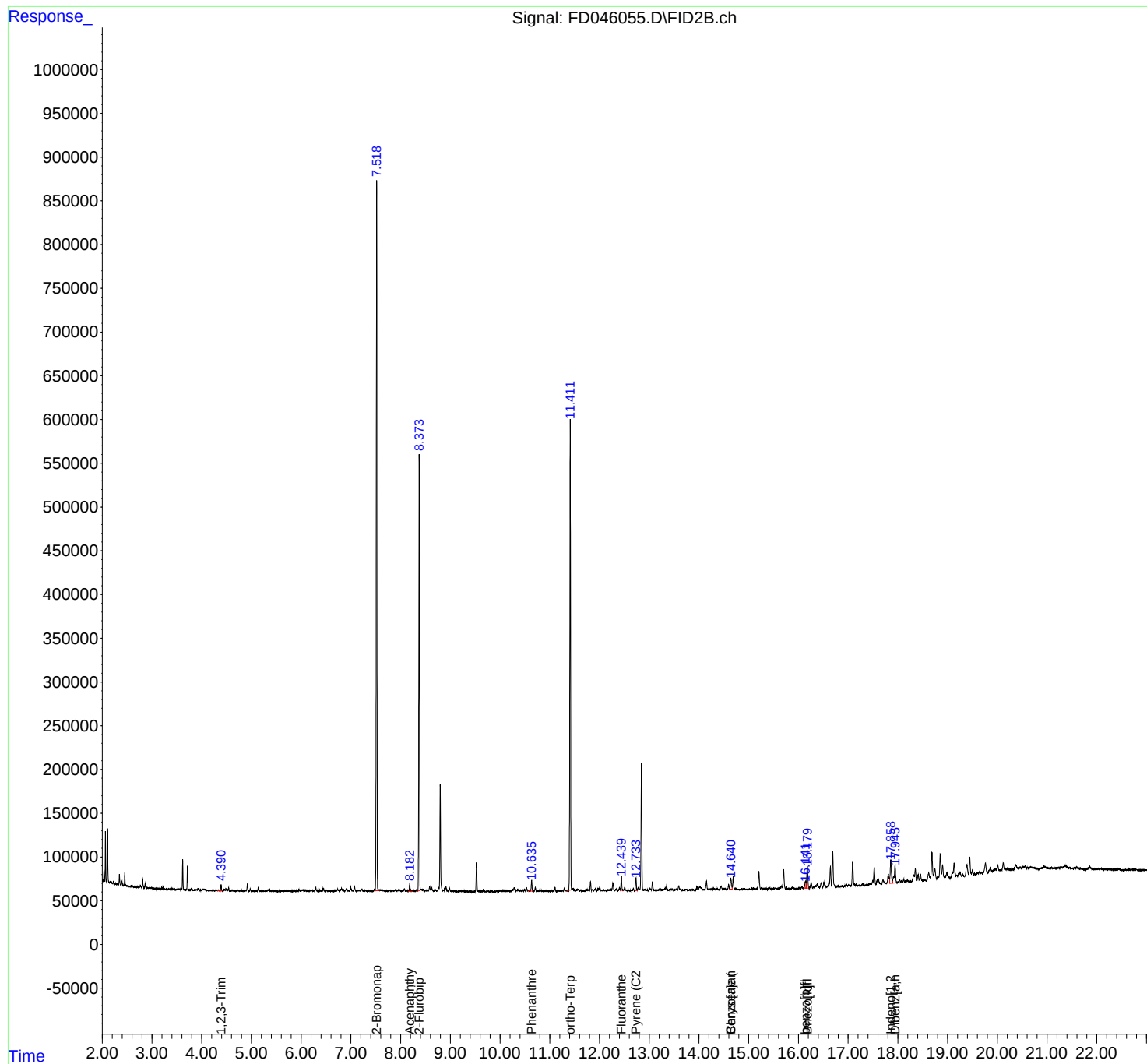
(m)=manual int.

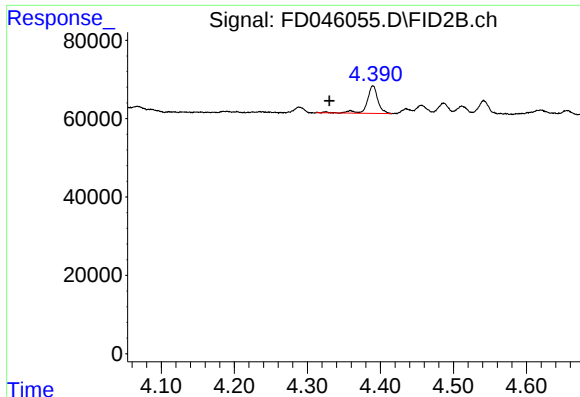
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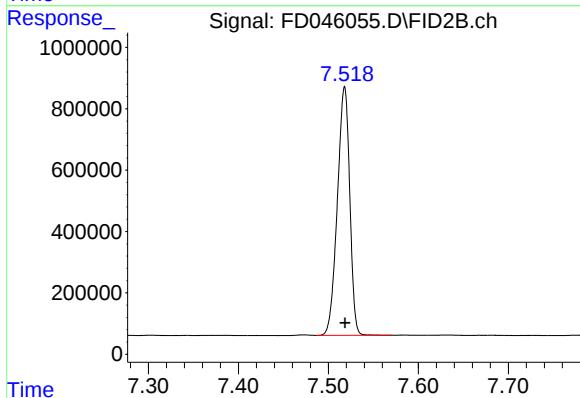




#1 1,2,3-Trimethylbenzene (C10.1)

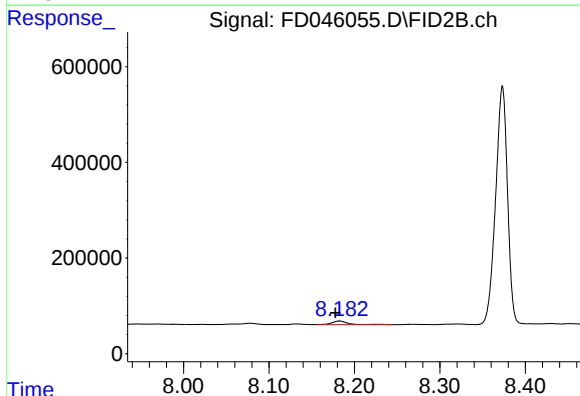
R.T.: 4.390 min
Delta R.T.: 0.060 min
Response: 70500
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



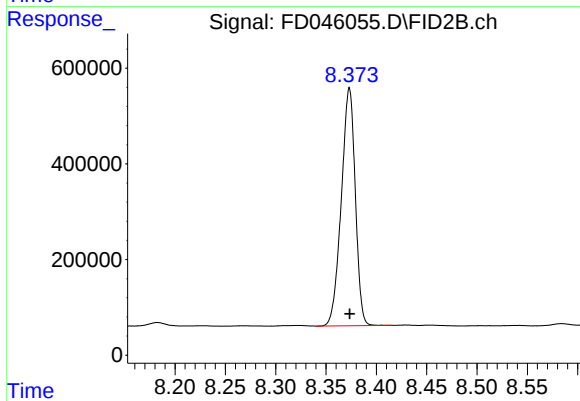
#4 2-Bromonaphthalene (SURR)

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 7752036
Conc: 35.97 ug/ml



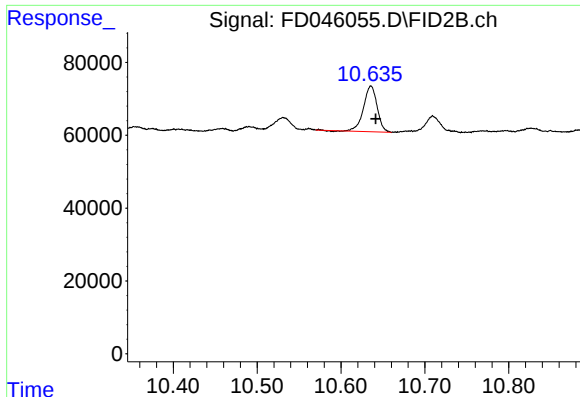
#5 Acenaphthylene (C15.06)

R.T.: 8.182 min
Delta R.T.: 0.005 min
Response: 96158
Conc: 0.44 ug/ml



#6 2-Fluorobiphenyl (SURR)

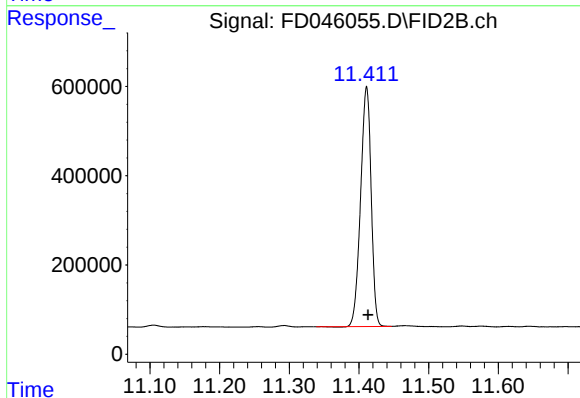
R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 4812041
Conc: 34.77 ug/ml



#9 Phenanthrene (C19.36)

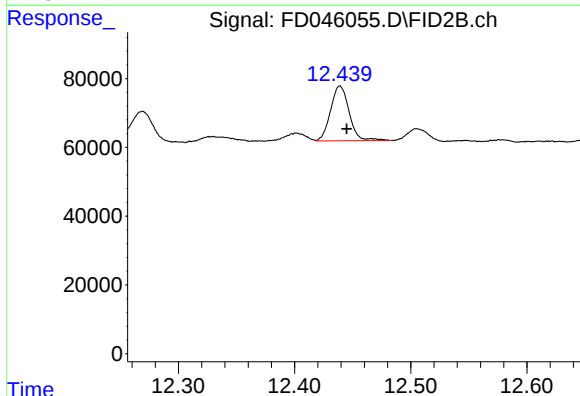
R.T.: 10.636 min
Delta R.T.: -0.006 min
Response: 141577
Conc: 0.66 ug/ml

Instrument :
FID_D
ClientSampleId :



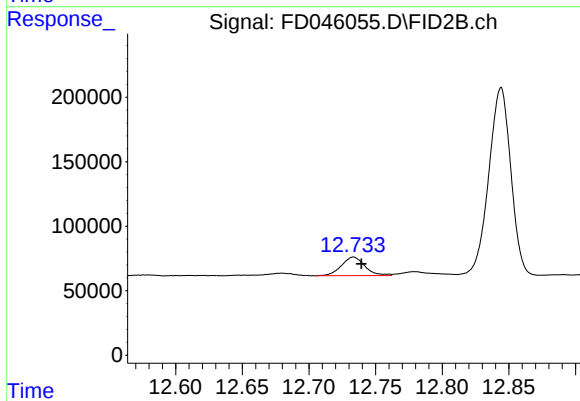
#11 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.002 min
Response: 5640911
Conc: 22.25 ug/ml



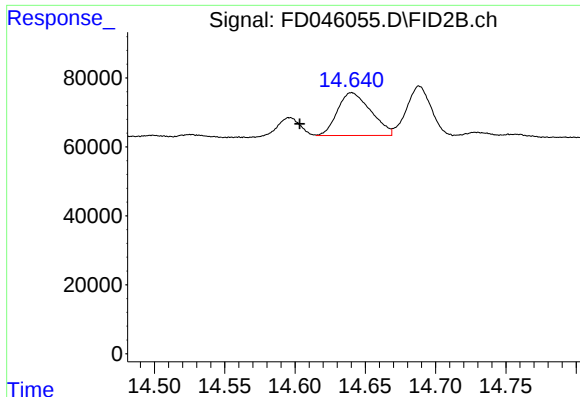
#12 Fluoranthene (C21.85)

R.T.: 12.439 min
Delta R.T.: -0.006 min
Response: 176487
Conc: 0.86 ug/ml



#13 Pyrene (C20.8)

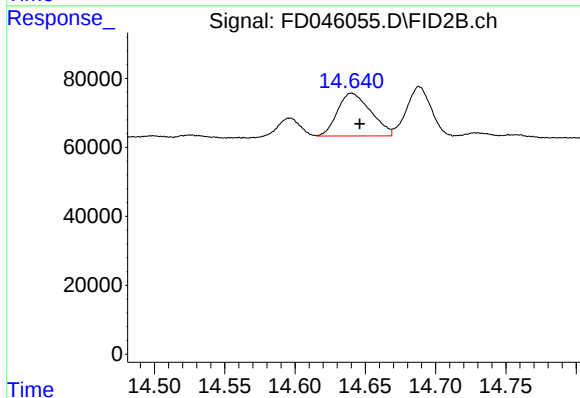
R.T.: 12.733 min
Delta R.T.: -0.006 min
Response: 177245
Conc: 0.91 ug/ml



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

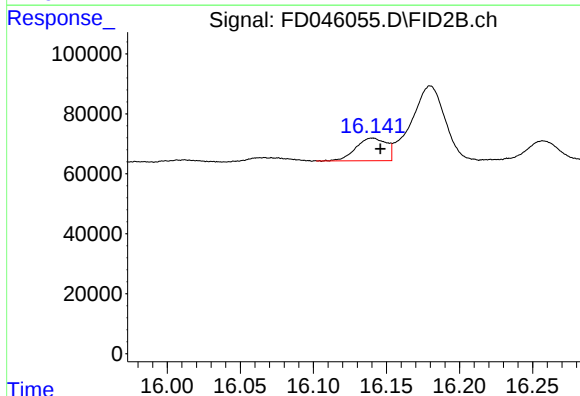
R.T.: 14.641 min
Delta R.T.: 0.037 min
Response: 205062
Conc: 1.14 ug/ml

Instrument :
FID_D
ClientSampleId :



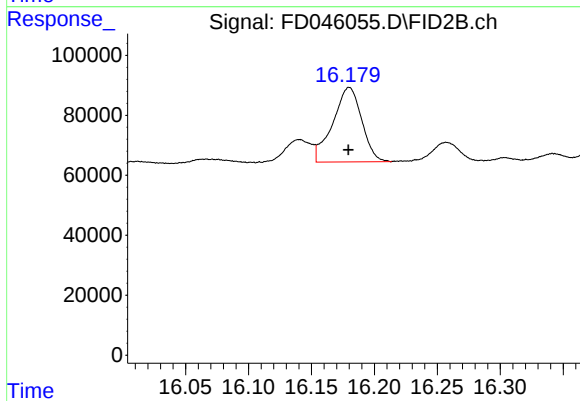
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.006 min
Response: 205062
Conc: 1.04 ug/ml



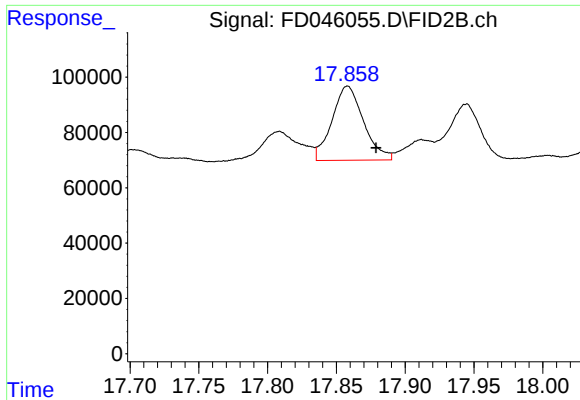
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.140 min
Delta R.T.: -0.005 min
Response: 109807
Conc: 0.59 ug/ml



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

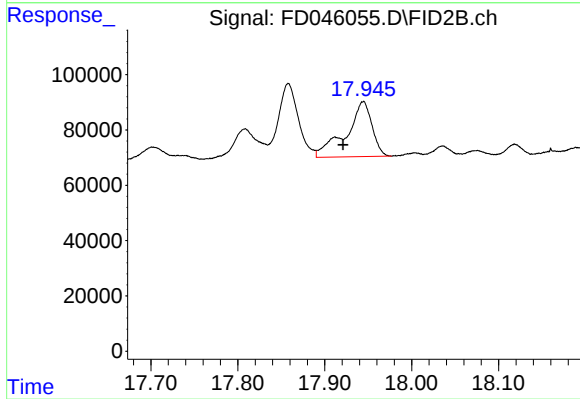
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 397858
Conc: 2.01 ug/ml



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

R.T.: 17.858 min
Delta R.T.: -0.021 min
Response: 427770
Conc: 2.30 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.944 min
Delta R.T.: 0.023 min
Response: 413910
Conc: 2.25 ug/ml