

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046054.D
 Signal(s) : FID2B.ch
 Acq On : 04 Jul 2023 02:38
 Operator : YP/AJ
 Sample : 03473-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 05 01:32:10 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	7859973	36.473 ug/ml
Spiked Amount 50.000		Recovery =	72.95%
6) S 2-Fluorobiphenyl (SURR)	8.374	4938807	35.684 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.37%
11) S ortho-Terphenyl (SURR)	11.412	6523562	25.732 ug/ml
Spiked Amount 50.000		Recovery =	51.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390f	94904	0.381 ug/ml
14) T Benzo[a]anthracene (C...	14.643	116007	0.645 ug/ml
15) T Chrysene (C27.41)	14.643	116007	0.591 ug/ml
16) T benzo[b]fluoranthene ...	16.178	233687	1.246 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	233687	1.181 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.857	949388	5.101 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	273299	1.487 ug/ml

(f)=RT Delta > 1/2 Window

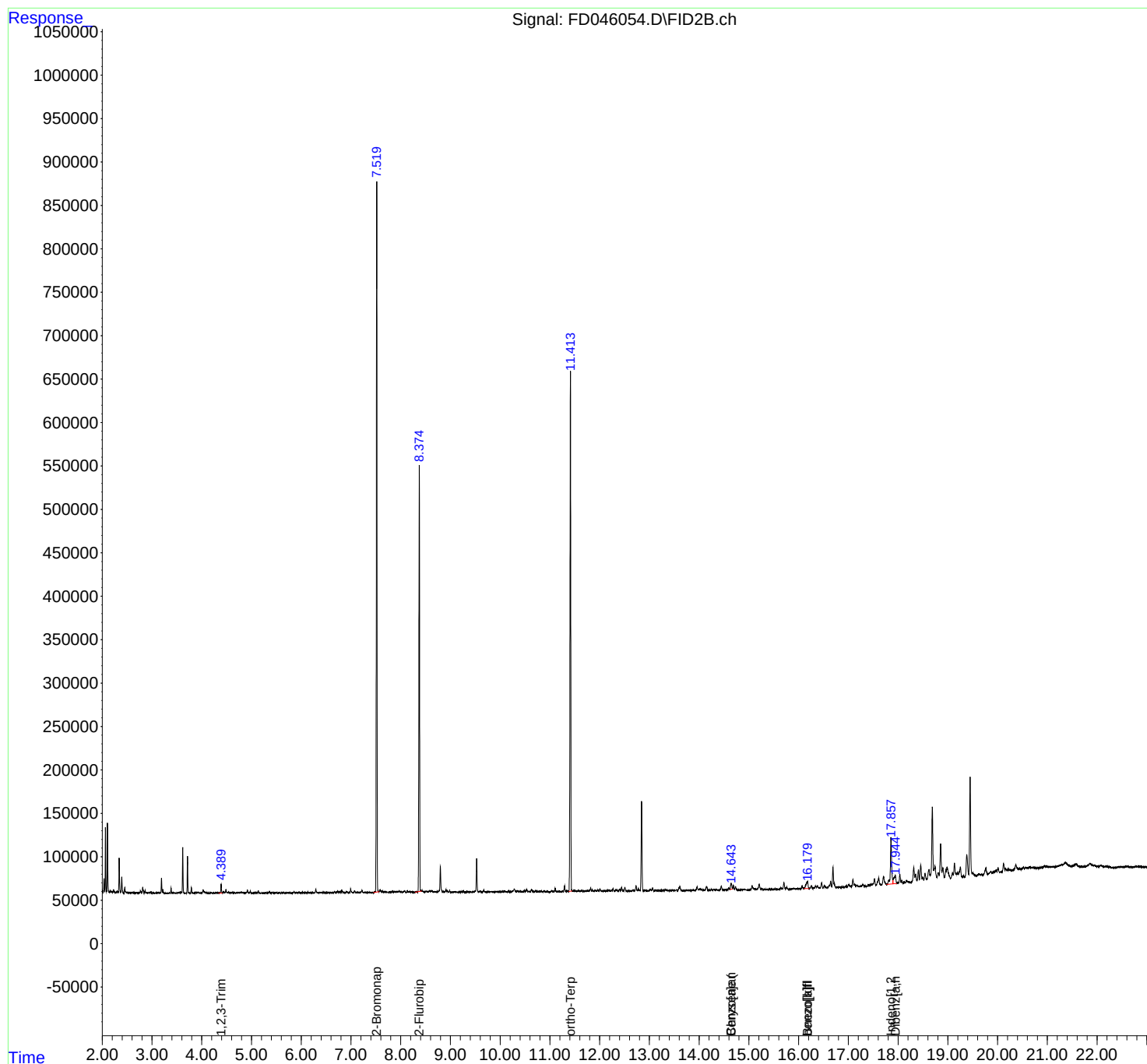
(m)=manual int.

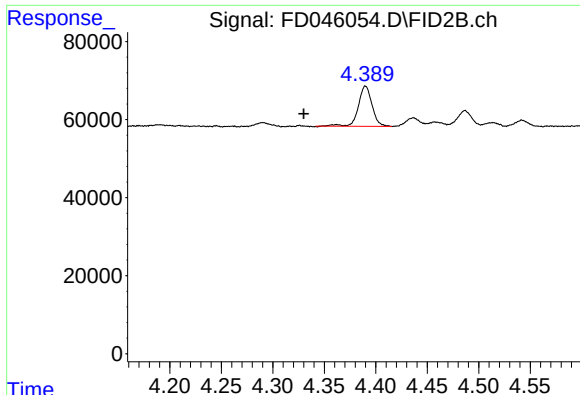
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Signal Info : 20M x 0.18mm x 0.18µm

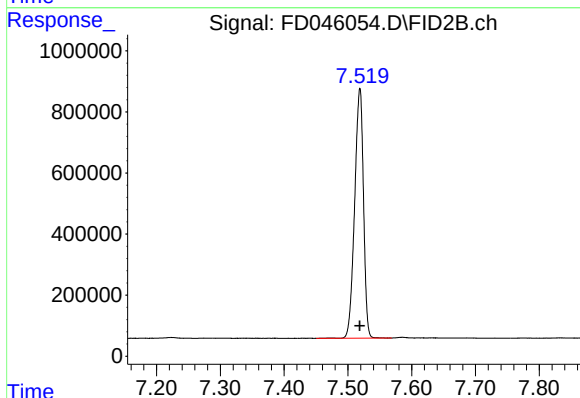




#1 1,2,3-Trimethylbenzene (C10.1)

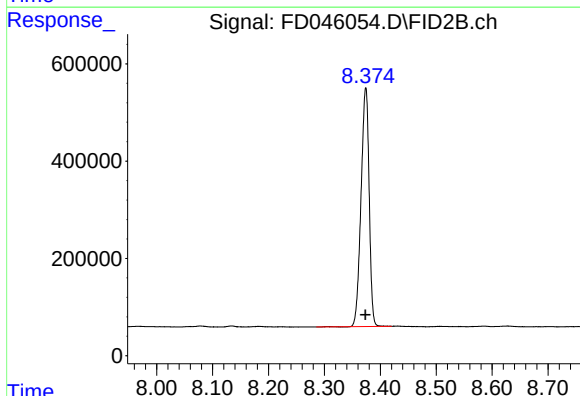
R.T.: 4.390 min
Delta R.T.: 0.060 min
Response: 94904
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



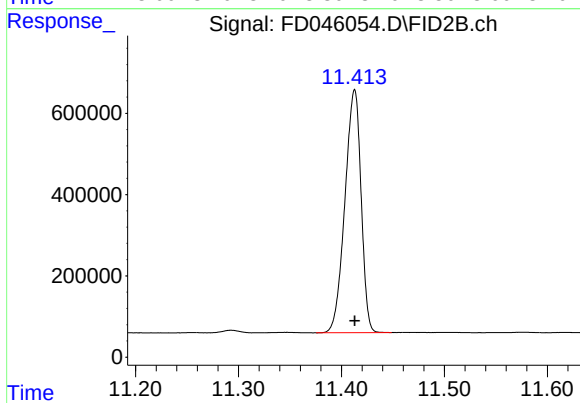
#4 2-Bromonaphthalene (SURR)

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 7859973
Conc: 36.47 ug/ml



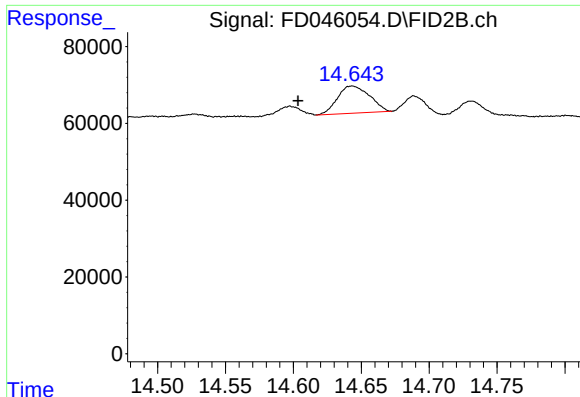
#6 2-Flurobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 4938807
Conc: 35.68 ug/ml



#11 ortho-Terphenyl (SURR)

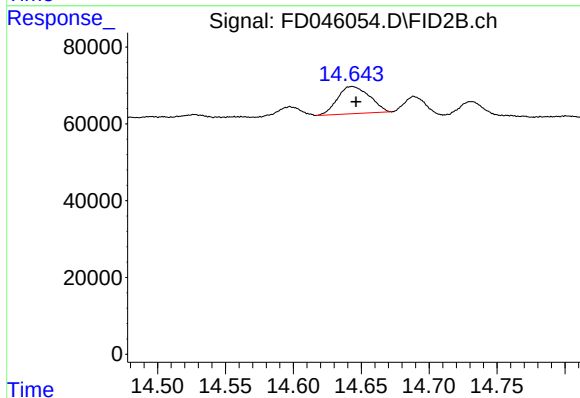
R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 6523562
Conc: 25.73 ug/ml



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

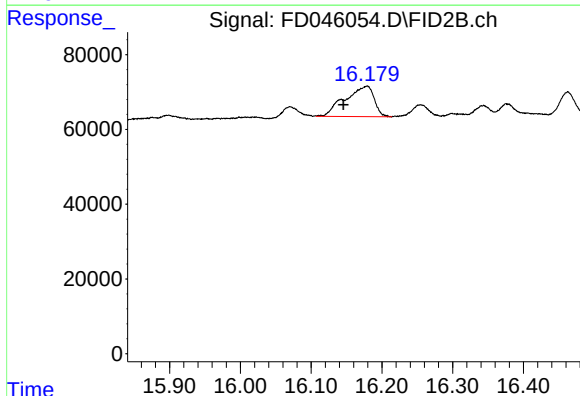
R.T.: 14.643 min
Delta R.T.: 0.040 min
Response: 116007
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



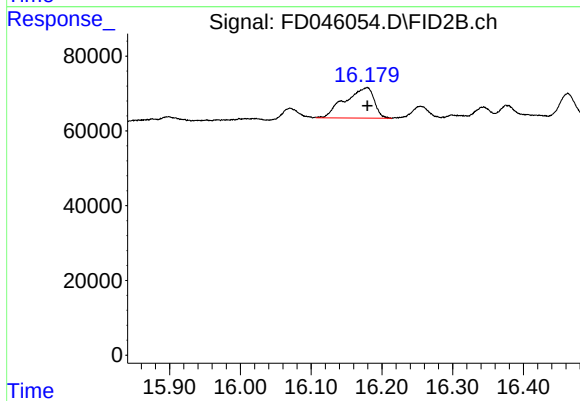
#15 Chrysene (C27.41)

R.T.: 14.643 min
Delta R.T.: -0.003 min
Response: 116007
Conc: 0.59 ug/ml



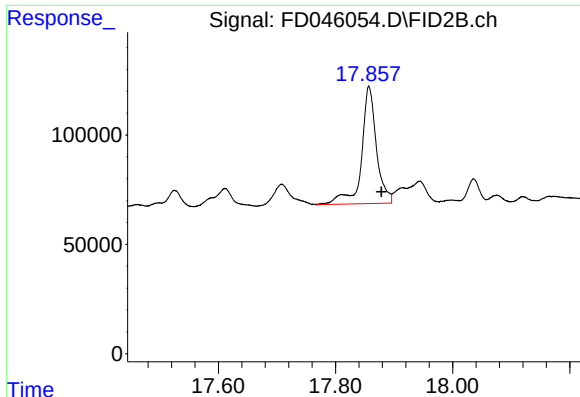
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.178 min
Delta R.T.: 0.033 min
Response: 233687
Conc: 1.25 ug/ml



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

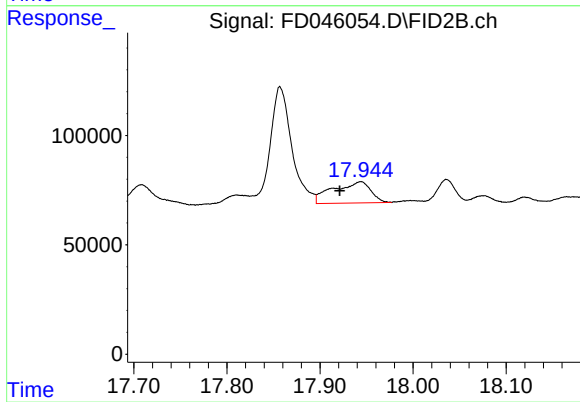
R.T.: 16.178 min
Delta R.T.: -0.001 min
Response: 233687
Conc: 1.18 ug/ml



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

R.T.: 17.857 min
Delta R.T.: -0.021 min
Response: 949388
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.944 min
Delta R.T.: 0.022 min
Response: 273299
Conc: 1.49 ug/ml