

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091823AR\
 Data File : FD046518.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2023 10:18
 Operator : YP/AJ
 Sample : 04416-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 11:14:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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	3526478	20.011 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
6) S 2-Fluorobiphenyl (SURR)	8.344	2274654	19.633 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.27%
11) S ortho-Terphenyl (SURR)	11.384	4610256	22.629 ug/ml
Spiked Amount 50.000		Recovery =	45.26%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.204f	40964	0.232 ug/ml
7) T Acenaphthene (C15.5)	8.481	102648	0.546 ug/ml
8) T Fluorene (C16.55)	9.245	96745	0.536 ug/ml
9) T Phenanthrene (C19.36)	10.602	409794	2.331 ug/ml
10) T Anthracene (C19.43)	10.698	520655	3.390 ug/ml
12) T Fluoranthene (C21.85)	12.368	344056	2.019 ug/ml
13) T Pyrene (C20.8)	12.706	49091	0.299 ug/ml
14) T Benzo[a]anthracene (C...	14.625	80069	0.573 ug/ml
15) T Chrysene (C27.41)	14.625	80069	0.527 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	56651	0.452 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	78029	0.586 ug/ml

(f)=RT Delta > 1/2 Window

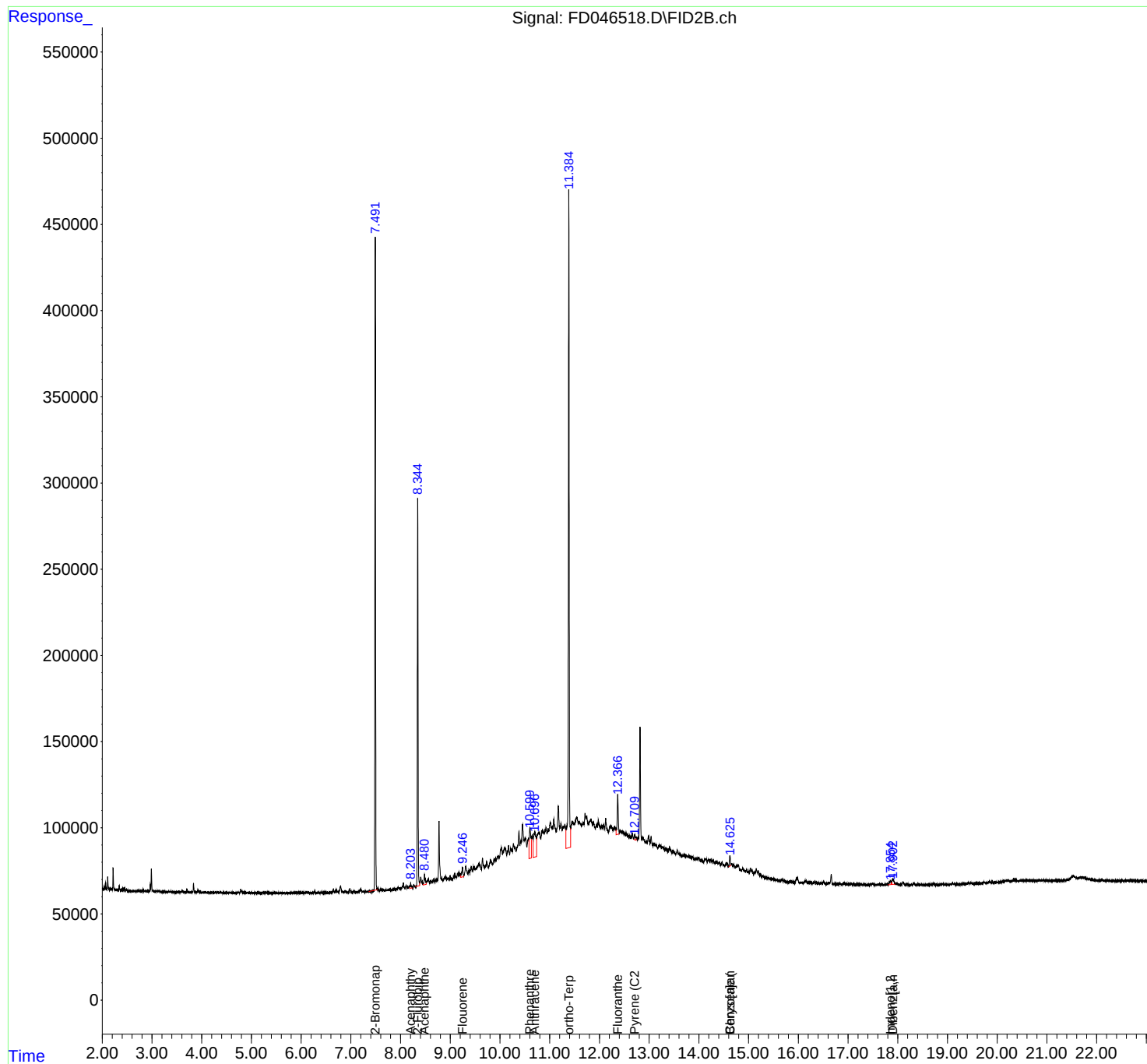
(m)=manual int.

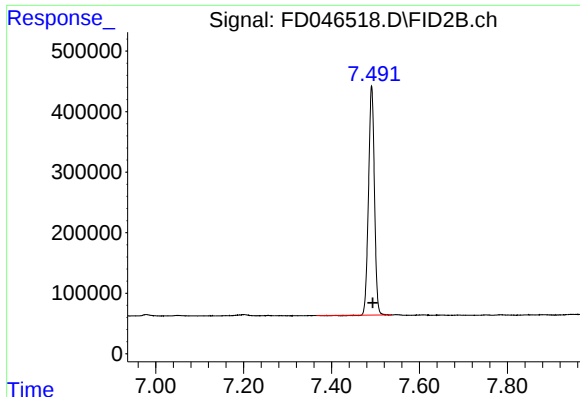
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Signal Info : 20M x 0.18mm x 0.18µm

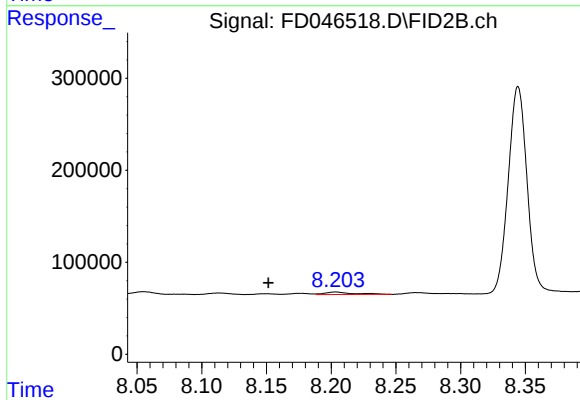




#4 2-Bromonaphthalene (SURR)

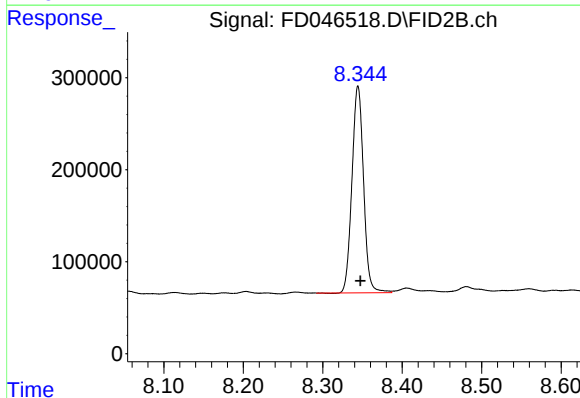
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 3526478
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



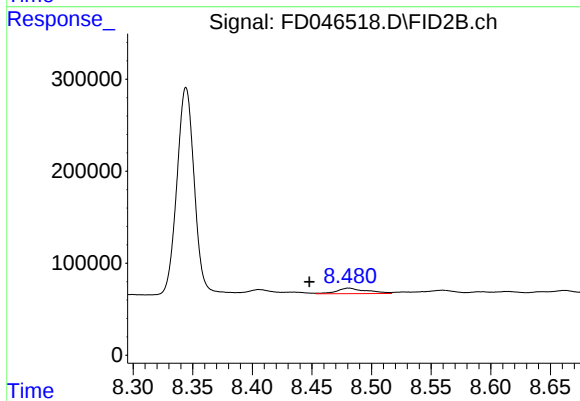
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: 0.052 min
Response: 40964
Conc: 0.23 ug/ml



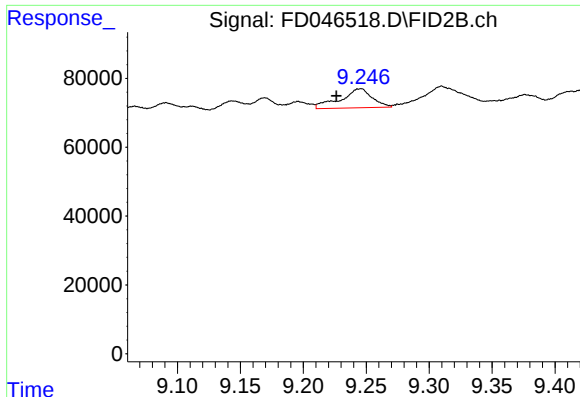
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2274654
Conc: 19.63 ug/ml



#7 Acenaphthene (C15.5)

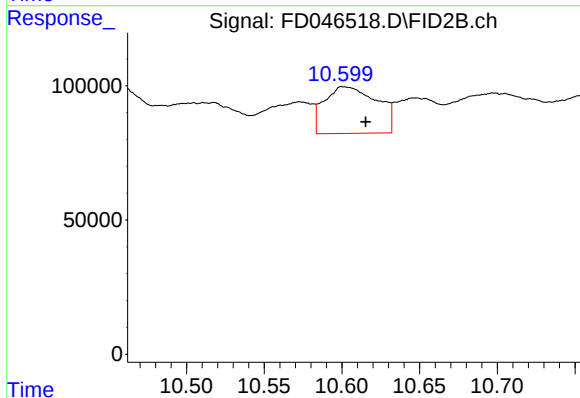
R.T.: 8.481 min
Delta R.T.: 0.033 min
Response: 102648
Conc: 0.55 ug/ml



#8 Fluorene (C16.55)

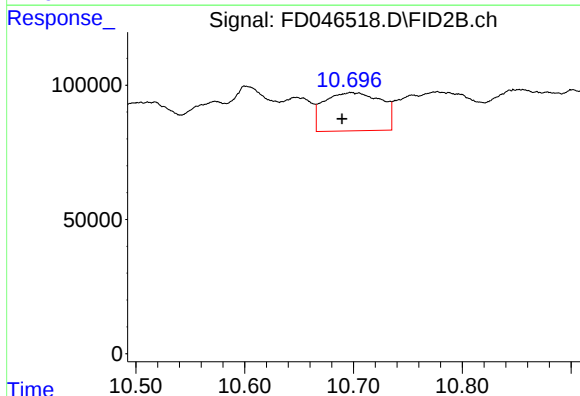
R.T.: 9.245 min
Delta R.T.: 0.019 min
Response: 96745
Conc: 0.54 ug/ml

Instrument :
FID_D
ClientSampleId :



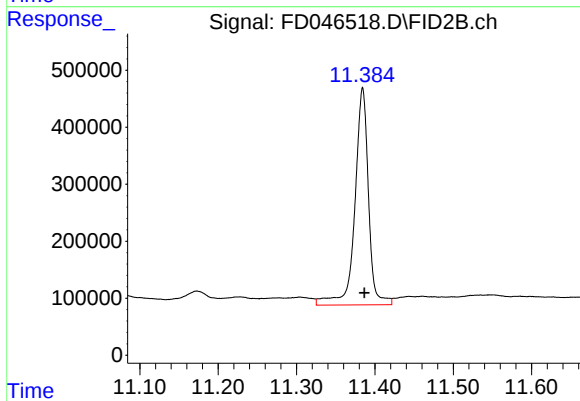
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.013 min
Response: 409794
Conc: 2.33 ug/ml



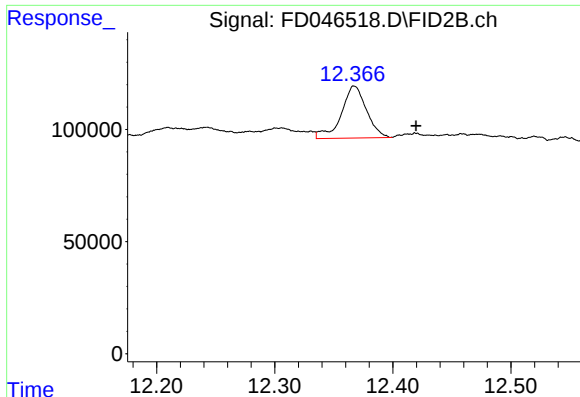
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: 0.009 min
Response: 520655
Conc: 3.39 ug/ml



#11 ortho-Terphenyl (SURR)

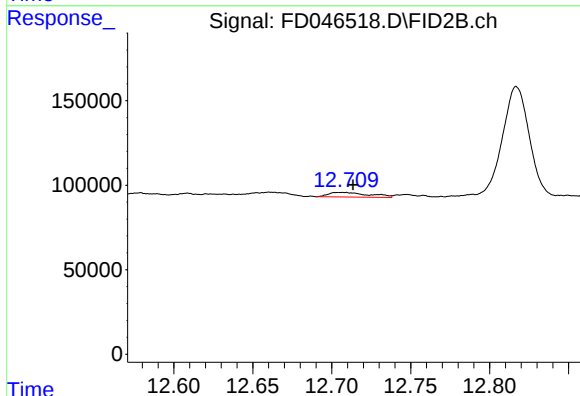
R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 4610256
Conc: 22.63 ug/ml



#12 Fluoranthene (C21.85)

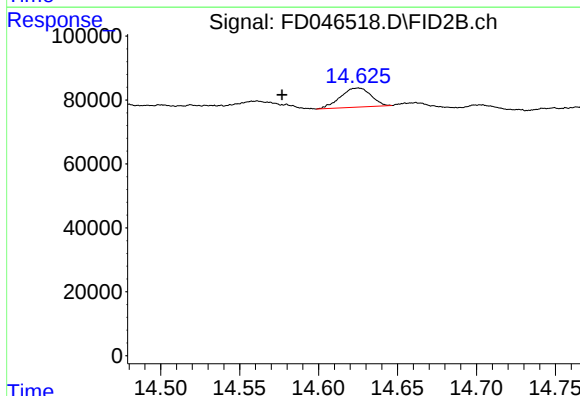
R.T.: 12.368 min
Delta R.T.: -0.052 min
Response: 344056
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



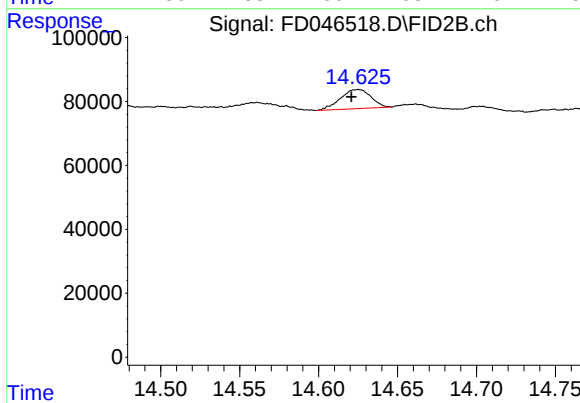
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: -0.007 min
Response: 49091
Conc: 0.30 ug/ml



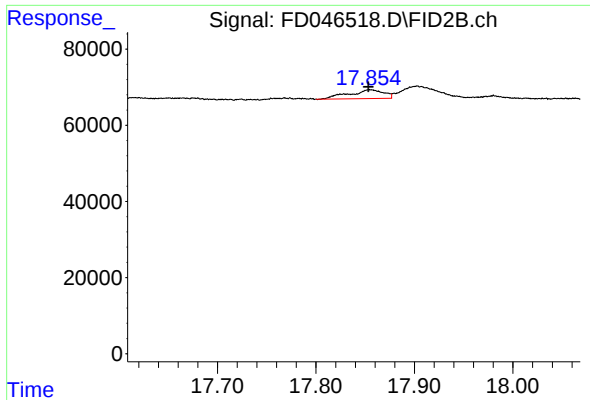
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: 0.048 min
Response: 80069
Conc: 0.57 ug/ml



#15 Chrysene (C27.41)

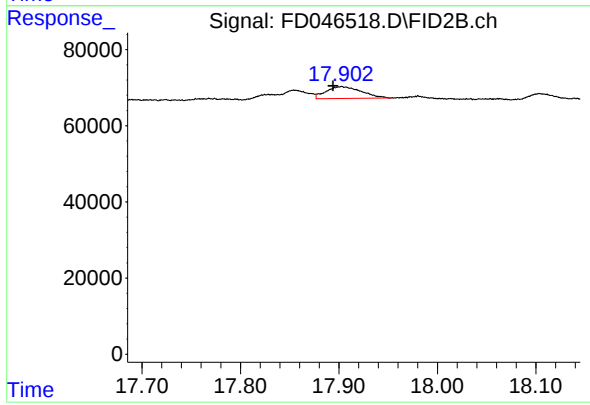
R.T.: 14.625 min
Delta R.T.: 0.004 min
Response: 80069
Conc: 0.53 ug/ml



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

R.T.: 17.855 min
Delta R.T.: 0.002 min
Response: 56651
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.903 min
Delta R.T.: 0.009 min
Response: 78029
Conc: 0.59 ug/ml