

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044353.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2022 05:30
 Operator : YP/AJ
 Sample : N5316-10
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 09:31:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.411	6156250	49.584 ug/ml
Spiked Amount 50.000		Recovery =	99.17%
6) S 2-Fluorobiphenyl (SURR)	8.267	3970731	52.733 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.47%
11) S ortho-Terphenyl (SURR)	11.293	6431595	37.998 ug/ml
Spiked Amount 50.000		Recovery =	76.00%
Target Compounds			
7) T Acenaphthene (C15.5)	8.380	301608	1.940 ug/ml
9) T Phenanthrene (C19.36)	10.548	979240	7.271 ug/ml
10) T Anthracene (C19.43)	10.690	71801	0.534 ug/ml
12) T Fluoranthene (C21.85)	12.355	693679	5.194 ug/ml
13) T Pyrene (C20.8)	12.644	575913	4.559 ug/ml
14) T Benzo[a]anthracene (C...	14.514	80849	0.761 ug/ml
15) T Chrysene (C27.41)	14.544	184921	1.411 ug/ml
16) T benzo[b]fluoranthene ...	16.116f	310681	2.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	310681	2.442 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	118447	1.019 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.788	51891	0.487 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	51891	0.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	55895	0.476 ug/ml

(f)=RT Delta > 1/2 Window

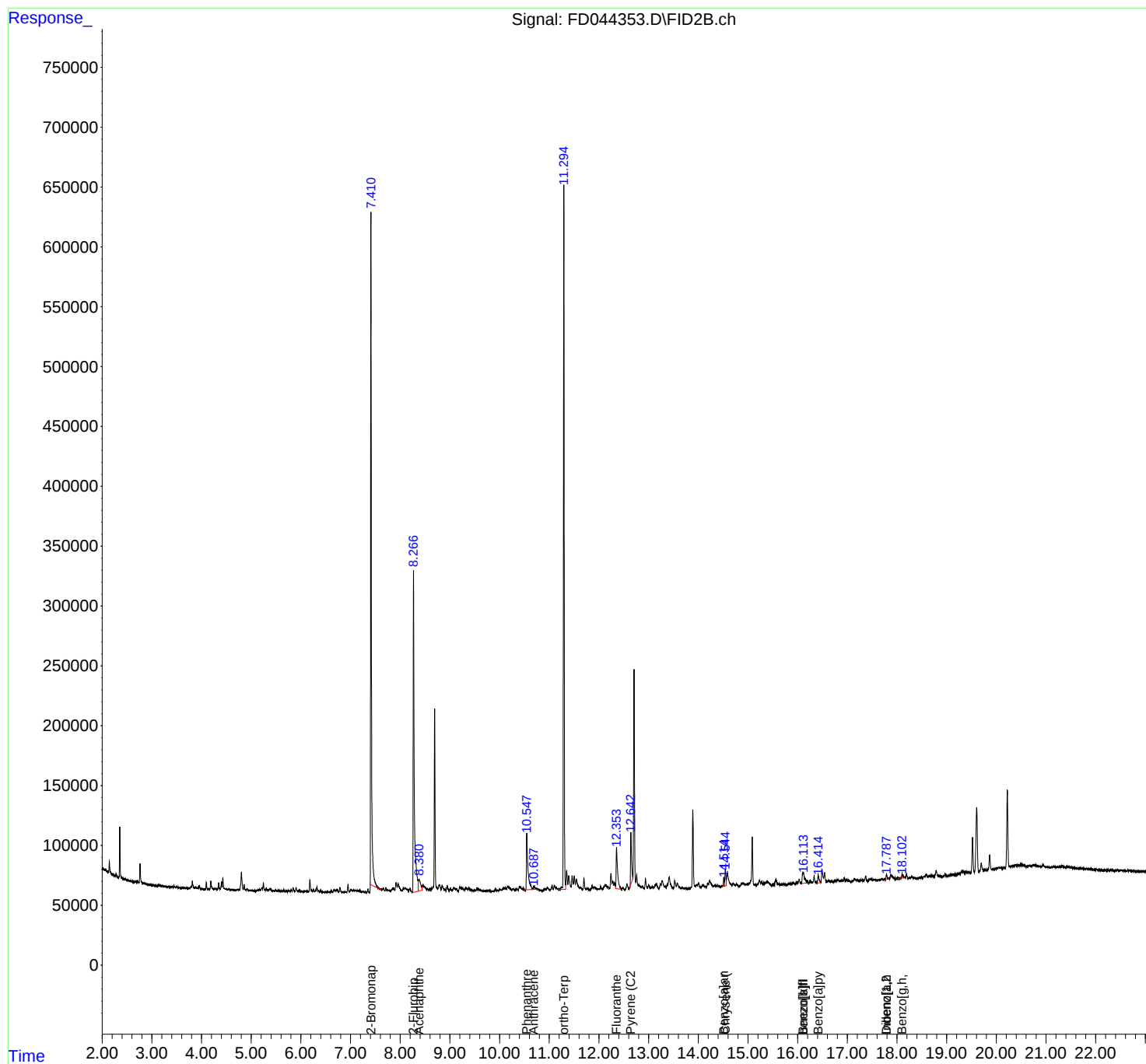
(m)=manual int.

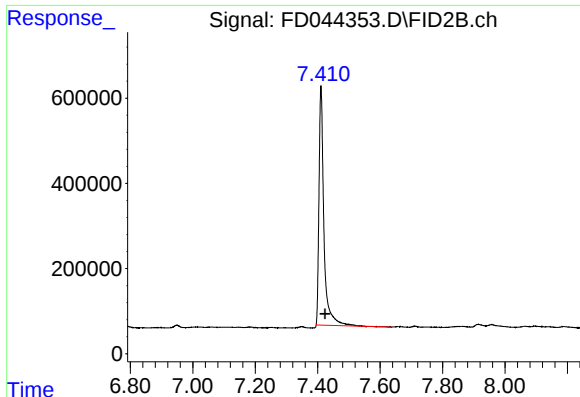
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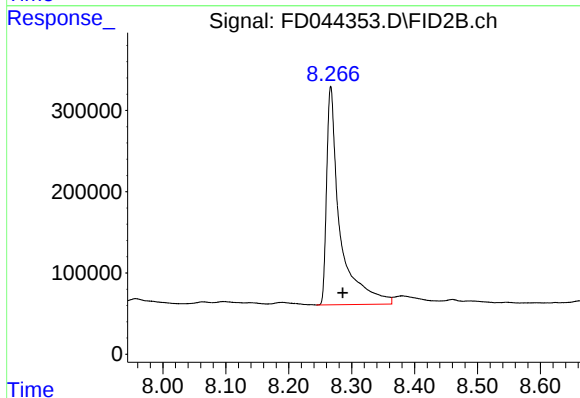




#4 2-Bromonaphthalene (SURRE)

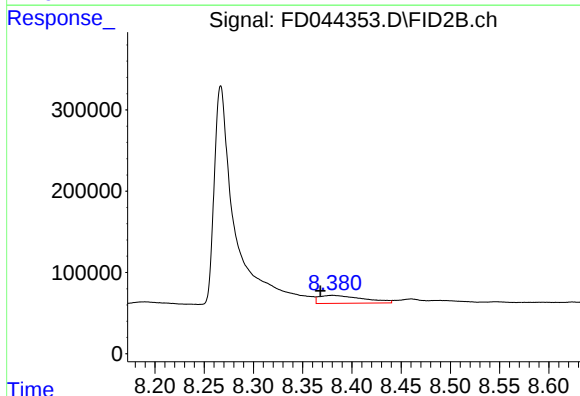
R.T.: 7.411 min
Delta R.T.: -0.013 min
Response: 6156250
Conc: 49.58 ug/ml

Instrument :
FID_D
ClientSampleId :



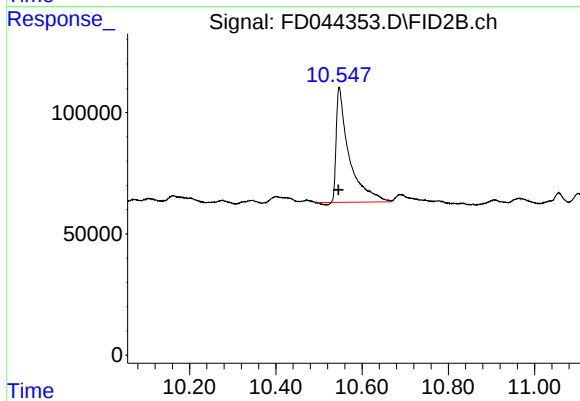
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.267 min
Delta R.T.: -0.019 min
Response: 3970731
Conc: 52.73 ug/ml



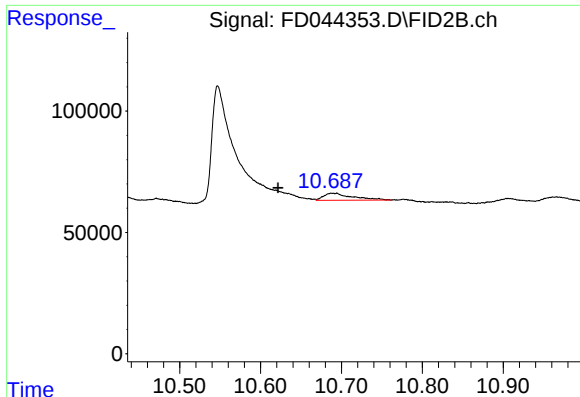
#7 Acenaphthene (C15.5)

R.T.: 8.380 min
Delta R.T.: 0.013 min
Response: 301608
Conc: 1.94 ug/ml



#9 Phenanthrene (C19.36)

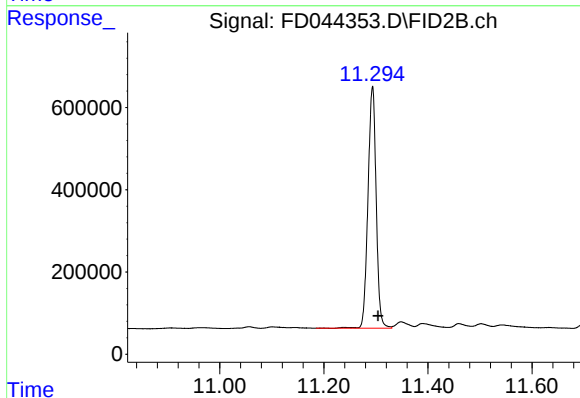
R.T.: 10.548 min
Delta R.T.: 0.003 min
Response: 979240
Conc: 7.27 ug/ml



#10 Anthracene (C19.43)

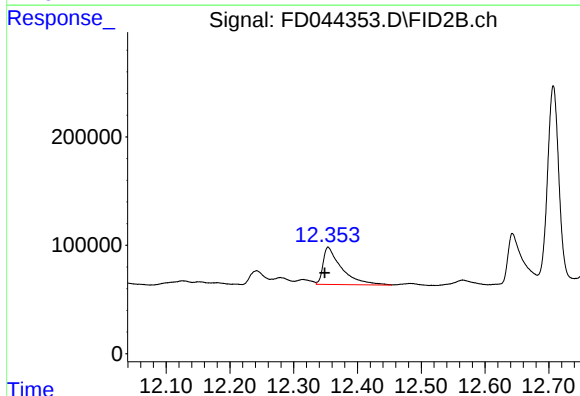
R.T.: 10.690 min
Delta R.T.: 0.068 min
Response: 71801
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



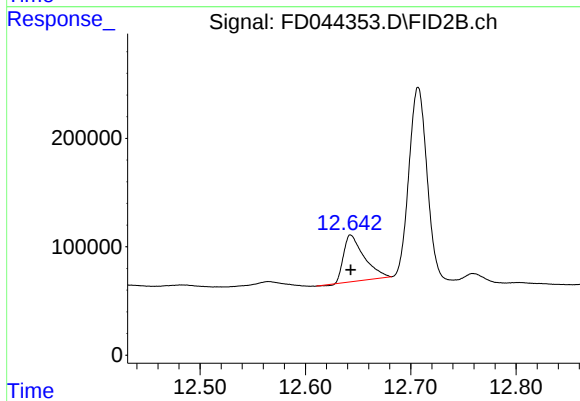
#11 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.011 min
Response: 6431595
Conc: 38.00 ug/ml



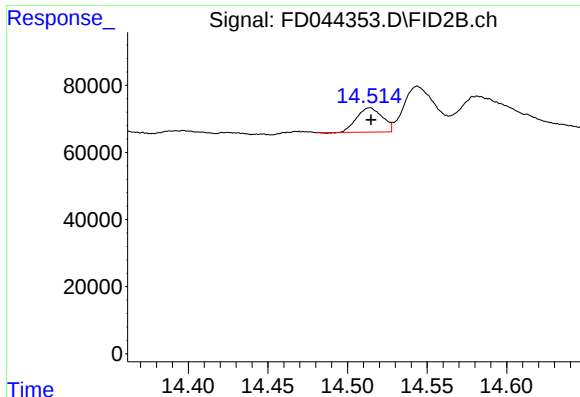
#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.006 min
Response: 693679
Conc: 5.19 ug/ml



#13 Pyrene (C20.8)

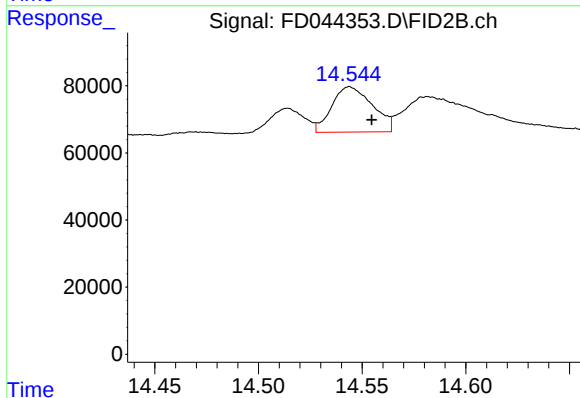
R.T.: 12.644 min
Delta R.T.: 0.000 min
Response: 575913
Conc: 4.56 ug/ml



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

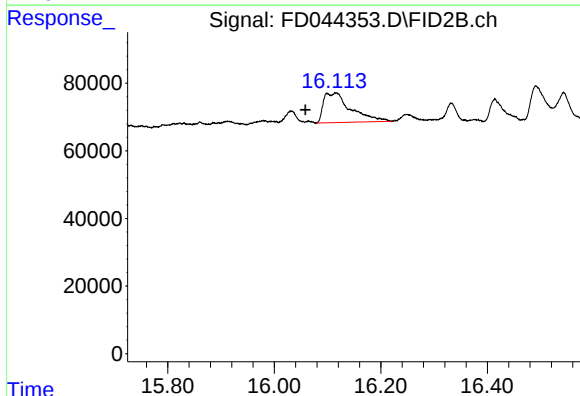
R.T.: 14.514 min
Delta R.T.: 0.000 min
Response: 80849
Conc: 0.76 ug/ml

Instrument :
FID_D
ClientSampleId :



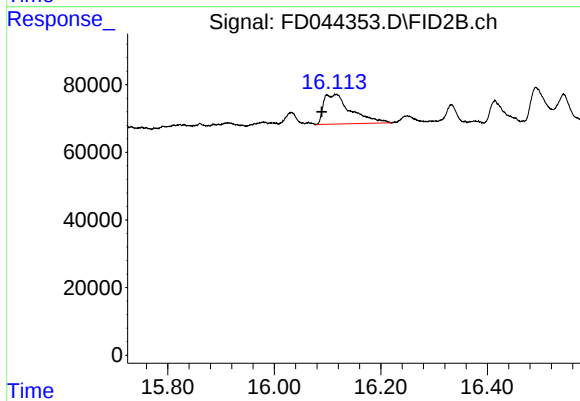
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.010 min
Response: 184921
Conc: 1.41 ug/ml



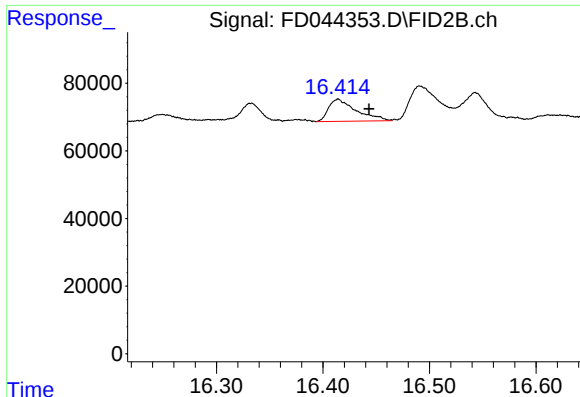
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.116 min
Delta R.T.: 0.057 min
Response: 310681
Conc: 2.77 ug/ml



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

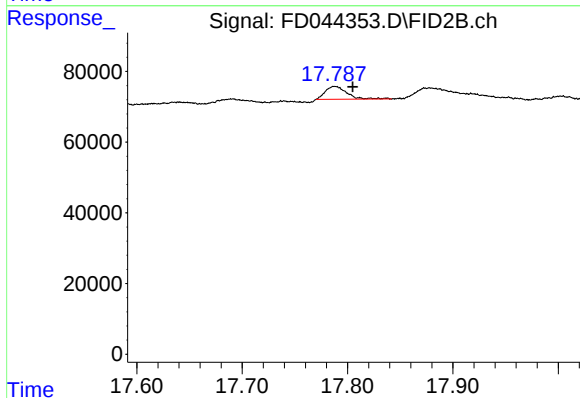
R.T.: 16.116 min
Delta R.T.: 0.027 min
Response: 310681
Conc: 2.44 ug/ml



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

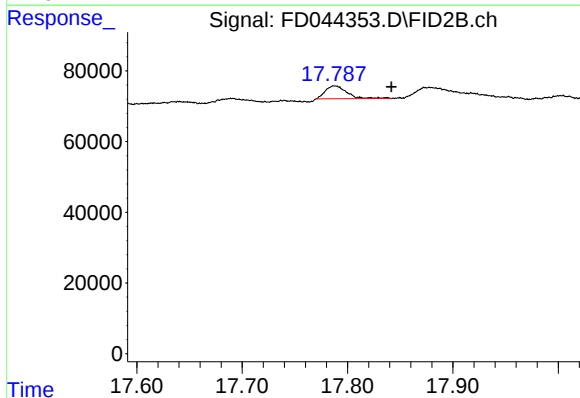
R.T.: 16.414 min
Delta R.T.: -0.029 min
Response: 118447
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



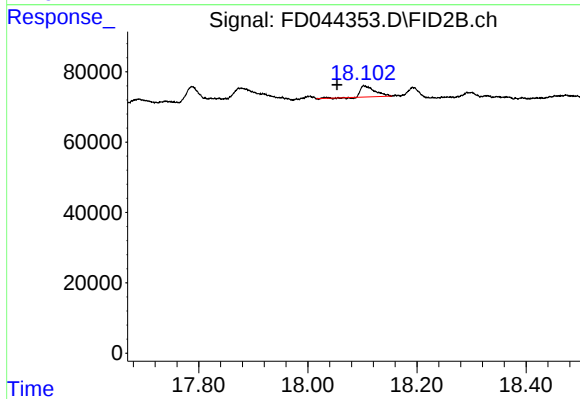
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.788 min
Delta R.T.: -0.017 min
Response: 51891
Conc: 0.49 ug/ml



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

R.T.: 17.788 min
Delta R.T.: -0.054 min
Response: 51891
Conc: 0.42 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.050 min
Response: 55895
Conc: 0.48 ug/ml