

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035791.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2020 23:38
 Operator : DD\AJ
 Sample : L5036-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 06:43:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.592	6529587	51.235 ug/ml
Spiked Amount 50.000		Recovery =	102.47%
6) S 2-Fluorobiphenyl (SURR)	8.458	4101017	47.299 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.60%
11) S ortho-Terphenyl (SURR)	11.539	87734	0.593 ug/ml
Spiked Amount 50.000		Recovery =	1.19%
Target Compounds			
7) T Acenaphthene (C15.5)	8.554	120637	0.797 ug/ml
9) T Phenanthrene (C19.36)	10.735	722857	5.083 ug/ml
10) T Anthracene (C19.43)	10.819	208298	1.456 ug/ml
12) T Fluoranthene (C21.85)	12.544	1642270	11.779 ug/ml
13) T Pyrene (C20.8)	12.841	1263821	9.332 ug/ml
14) T Benzo[a]anthracene (C...	14.756	1047378	9.006 ug/ml
15) T Chrysene (C27.41)	14.756	1047378	8.193 ug/ml
16) T benzo[b]fluoranthene ...	16.304	346943	3.207 ug/ml
17) T Bnezo[k]fluoranthene ...	16.345	1267170	11.420 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.653	763693	7.745 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.025	602114	6.225 ug/ml
20) T Dibenz[a,h]anthracene...	18.025f	602114	5.836 ug/ml
21) T Benzo[g,h,i]perylene ...	18.276	381713	3.855 ug/ml

(f)=RT Delta > 1/2 Window

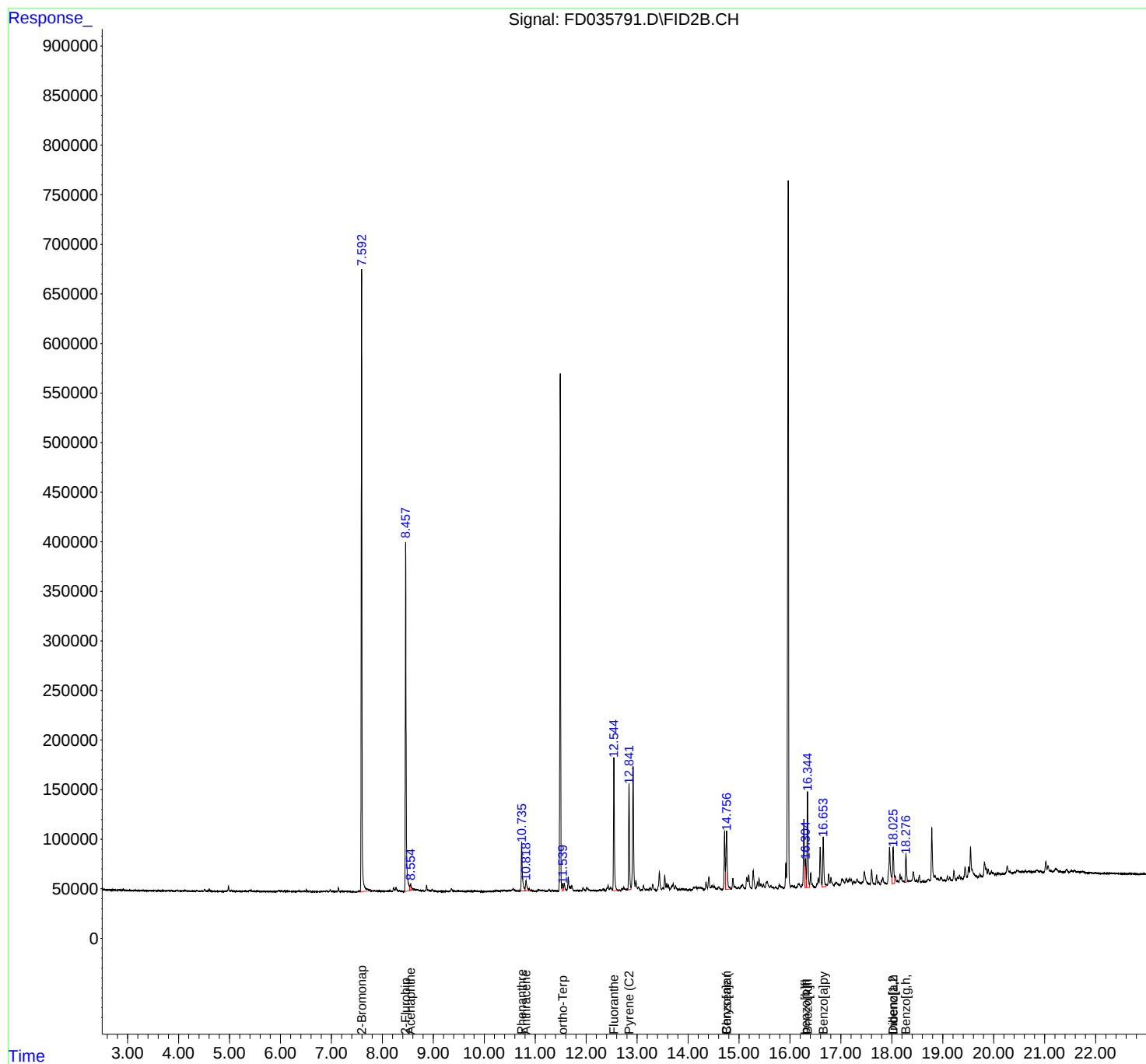
(m)=manual int.

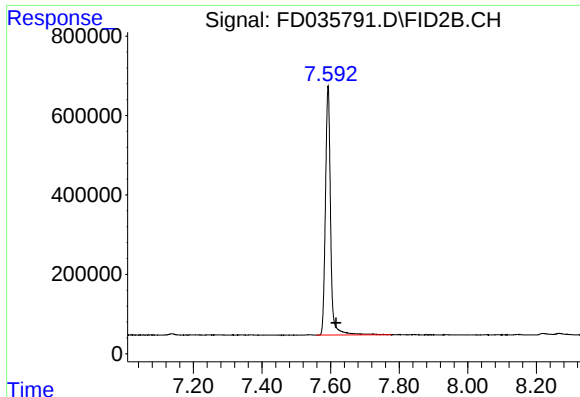
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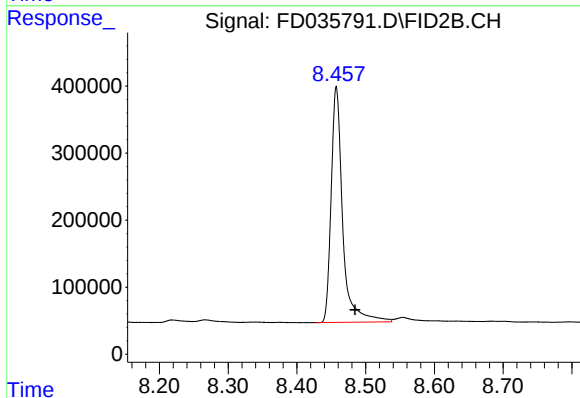




#4 2-Bromonaphthalene (SURRE)

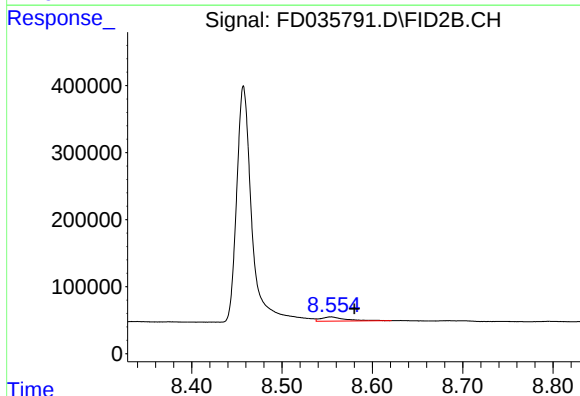
R.T.: 7.592 min
Delta R.T.: -0.024 min
Response: 6529587
Conc: 51.23 ug/ml

Instrument :
FID_D
ClientSampleId :



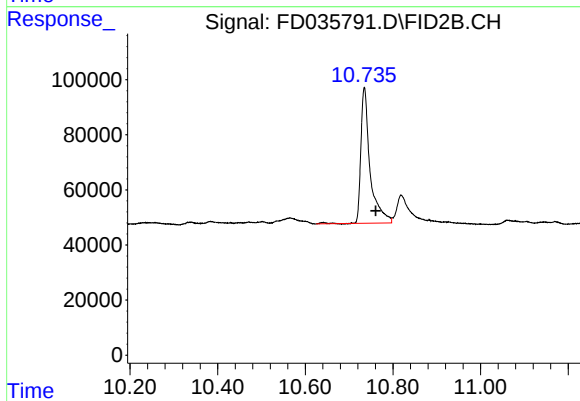
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.458 min
Delta R.T.: -0.027 min
Response: 4101017
Conc: 47.30 ug/ml



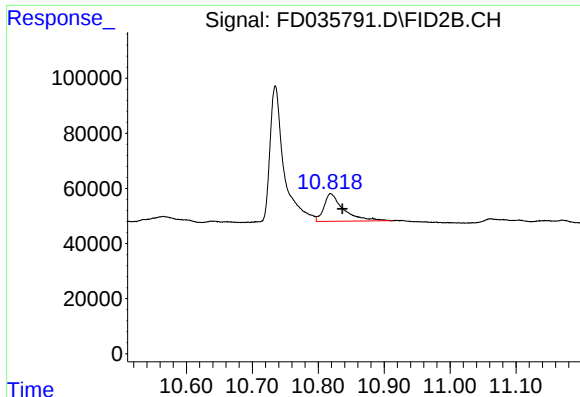
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: -0.026 min
Response: 120637
Conc: 0.80 ug/ml



#9 Phenanthrene (C19.36)

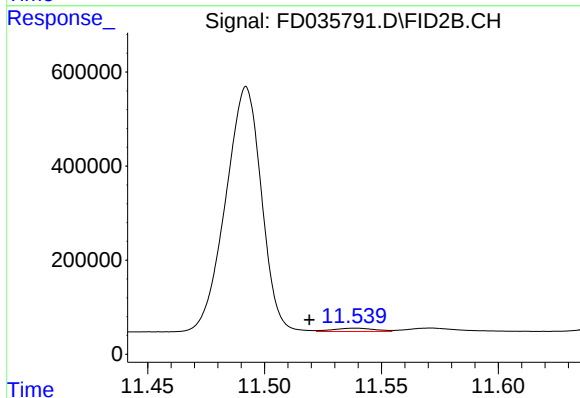
R.T.: 10.735 min
Delta R.T.: -0.026 min
Response: 722857
Conc: 5.08 ug/ml



#10 Anthracene (C19.43)

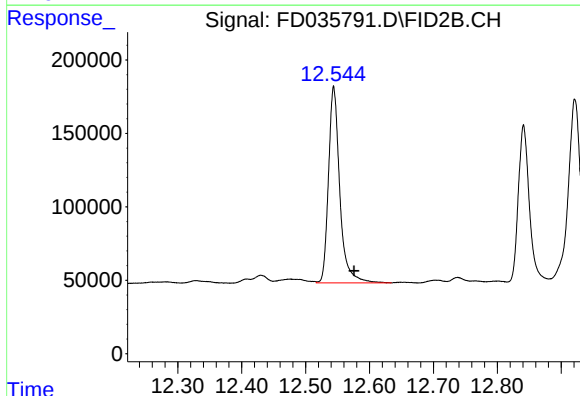
R.T.: 10.819 min
Delta R.T.: -0.017 min
Response: 208298
Conc: 1.46 ug/ml

Instrument :
FID_D
ClientSampleId :



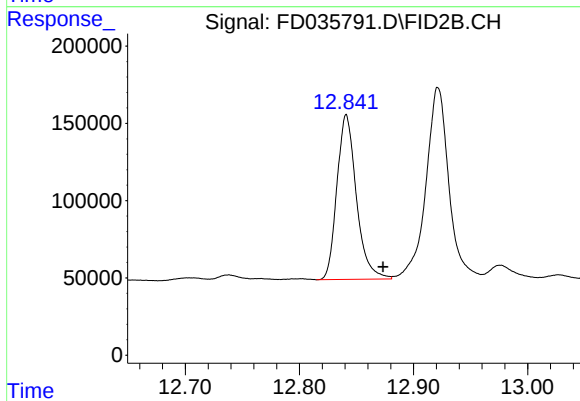
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: 0.020 min
Response: 87734
Conc: 0.59 ug/ml



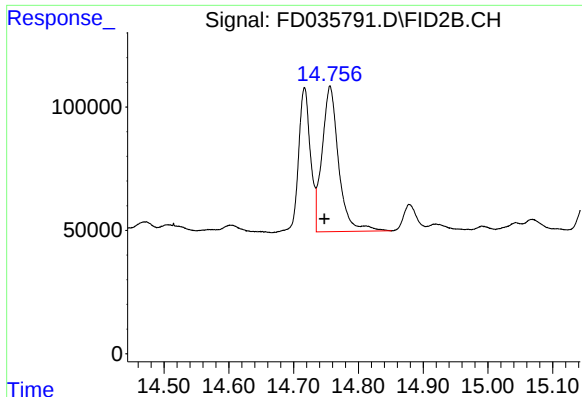
#12 Fluoranthene (C21.85)

R.T.: 12.544 min
Delta R.T.: -0.032 min
Response: 1642270
Conc: 11.78 ug/ml



#13 Pyrene (C20.8)

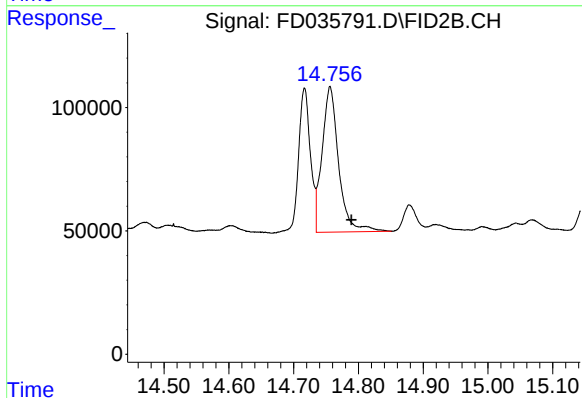
R.T.: 12.841 min
Delta R.T.: -0.032 min
Response: 1263821
Conc: 9.33 ug/ml



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

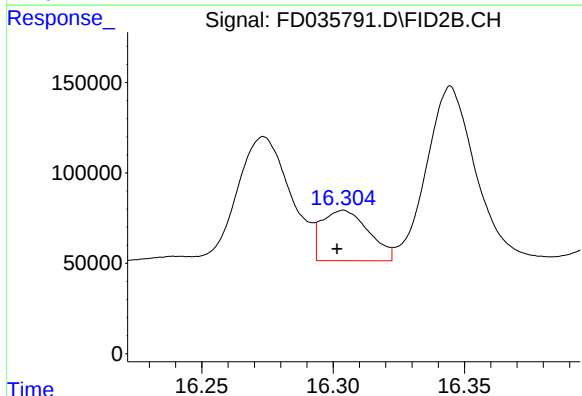
R.T.: 14.756 min
Delta R.T.: 0.009 min
Response: 1047378
Conc: 9.01 ug/ml

Instrument :
FID_D
ClientSampleId :



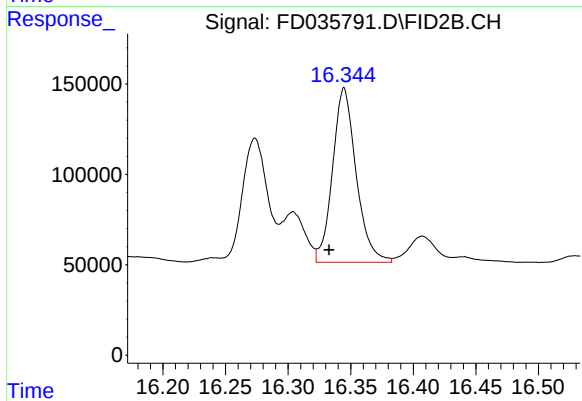
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.033 min
Response: 1047378
Conc: 8.19 ug/ml



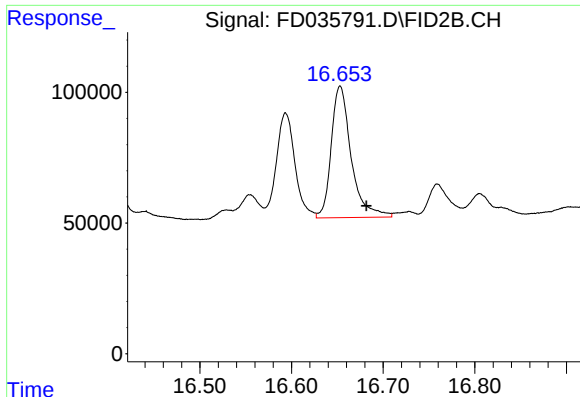
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.304 min
Delta R.T.: 0.002 min
Response: 346943
Conc: 3.21 ug/ml



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

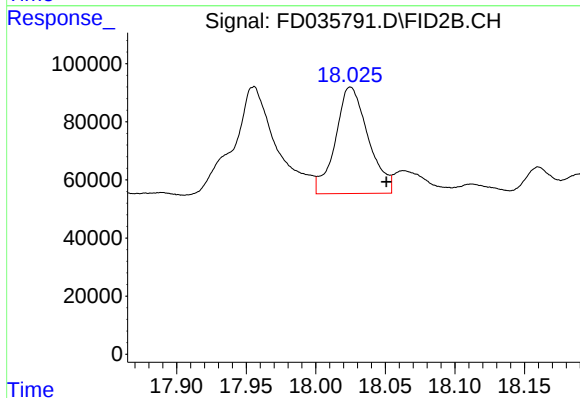
R.T.: 16.345 min
Delta R.T.: 0.012 min
Response: 1267170
Conc: 11.42 ug/ml



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

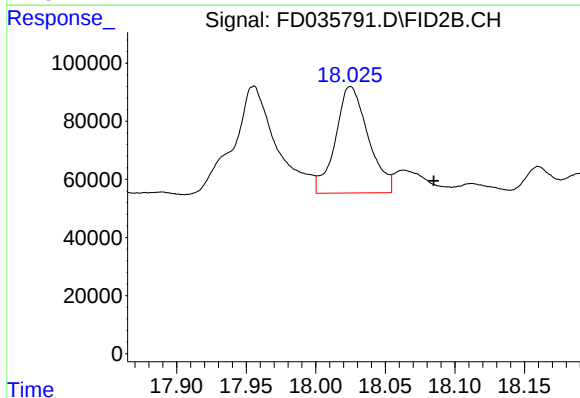
R.T.: 16.653 min
Delta R.T.: -0.029 min
Response: 763693
Conc: 7.74 ug/ml

Instrument :
FID_D
ClientSampleId :



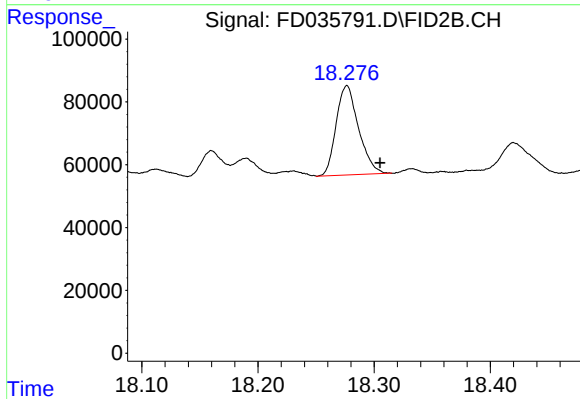
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.025 min
Delta R.T.: -0.026 min
Response: 602114
Conc: 6.22 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.060 min
Response: 602114
Conc: 5.84 ug/ml



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

R.T.: 18.276 min
Delta R.T.: -0.029 min
Response: 381713
Conc: 3.85 ug/ml