

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032251.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 20:50
 Operator : DD\AJ
 Sample : L1274-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 00:46:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.634	5002617	44.502 ug/ml
Spiked Amount 50.000		Recovery =	89.00%
6) S 2-Fluorobiphenyl (SURR)	8.496	3291494	42.229 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.46%
11) S ortho-Terphenyl (SURR)	11.533	3623414	29.194 ug/ml
Spiked Amount 50.000		Recovery =	58.39%
Target Compounds			
9) T Phenanthrene (C19.36)	10.765	950548	7.529 ug/ml
10) T Anthracene (C19.43)	10.839	238246	1.903 ug/ml
12) T Fluoranthene (C21.85)	12.577	1699500	13.278 ug/ml
13) T Pyrene (C20.8)	12.874	1392154	11.061 ug/ml
14) T Benzo[a]anthracene (C...	14.741	703333	5.760 ug/ml
15) T Chrysene (C27.41)	14.783	722486	5.871 ug/ml
16) T benzo[b]fluoranthene ...	16.293	763320	6.321 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	264664	2.188 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	555080	4.646 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	275013	2.394 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	275013	2.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	297294	2.609 ug/ml

(f)=RT Delta > 1/2 Window

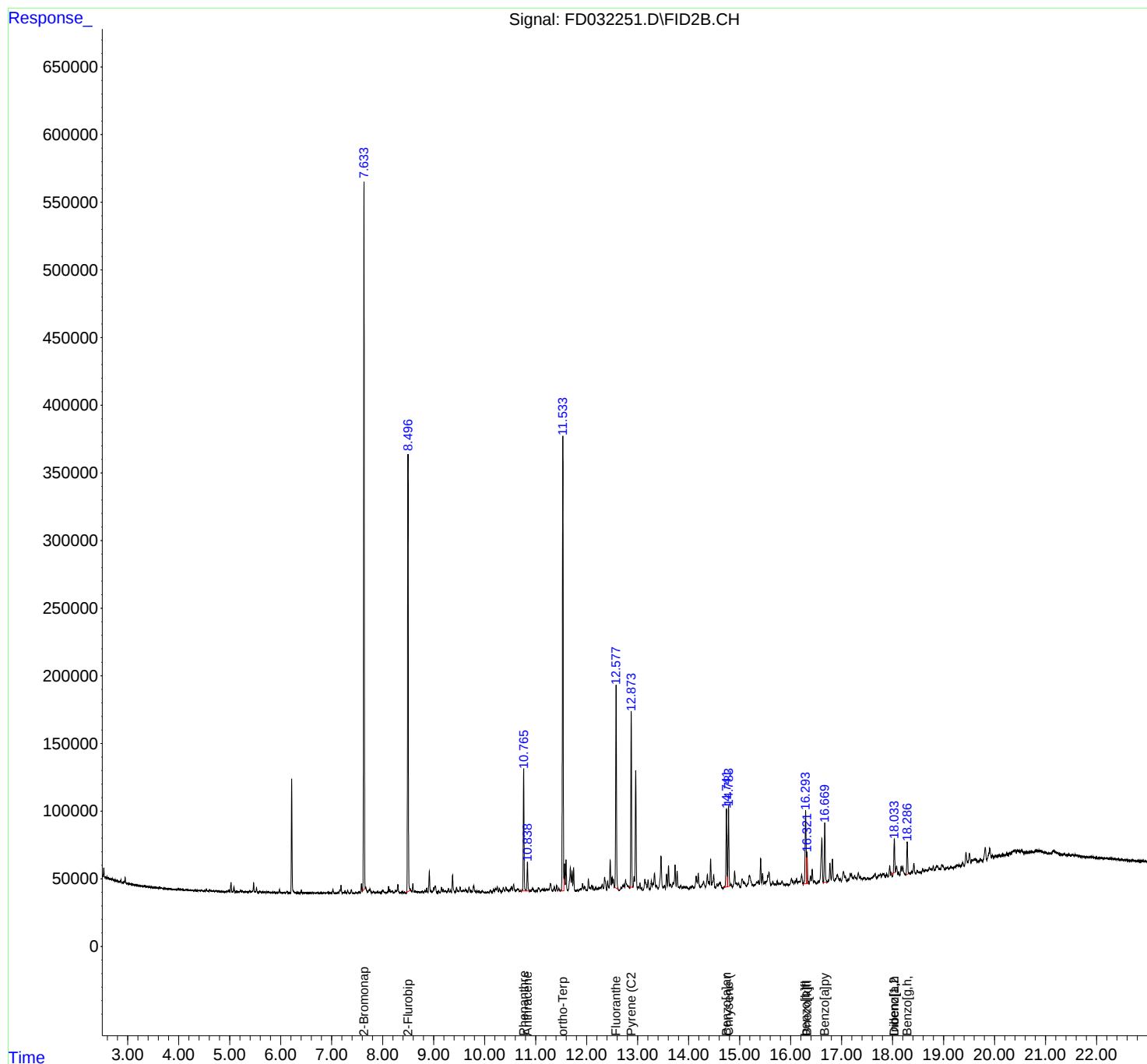
(m)=manual int.

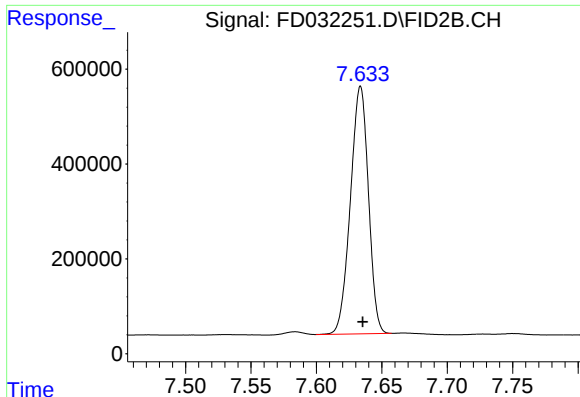
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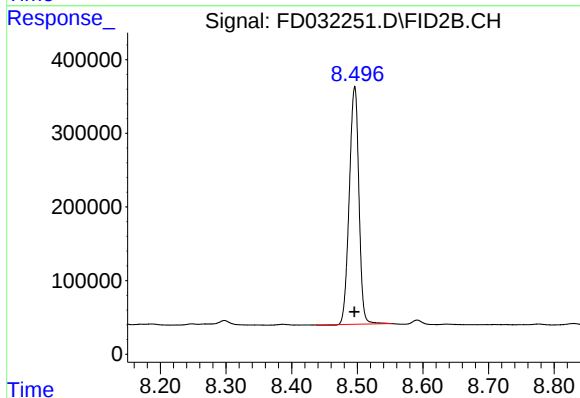




#4 2-Bromonaphthalene (SURRE)

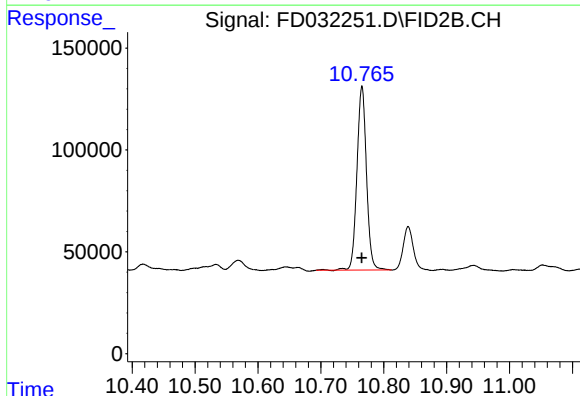
R.T.: 7.634 min
Delta R.T.: -0.002 min
Response: 5002617
Conc: 44.50 ug/ml

Instrument :
FID_D
ClientSampleId :



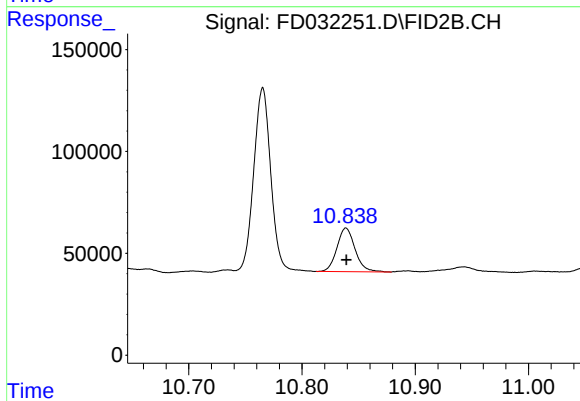
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 3291494
Conc: 42.23 ug/ml



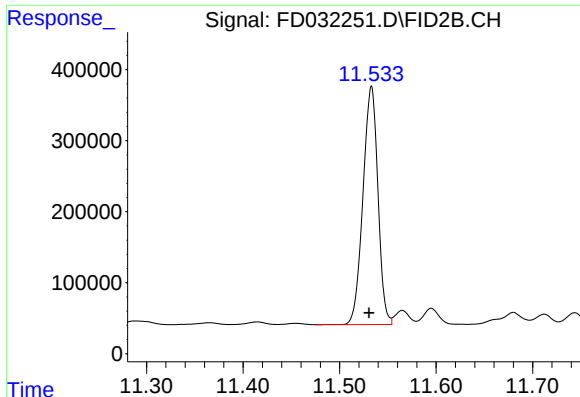
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: 0.000 min
Response: 950548
Conc: 7.53 ug/ml



#10 Anthracene (C19.43)

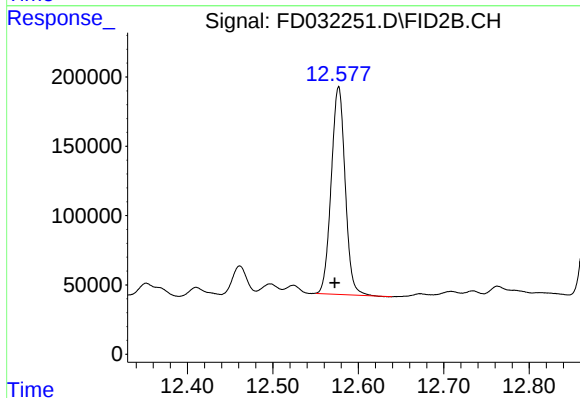
R.T.: 10.839 min
Delta R.T.: 0.000 min
Response: 238246
Conc: 1.90 ug/ml



#11 ortho-Terphenyl (SURR)

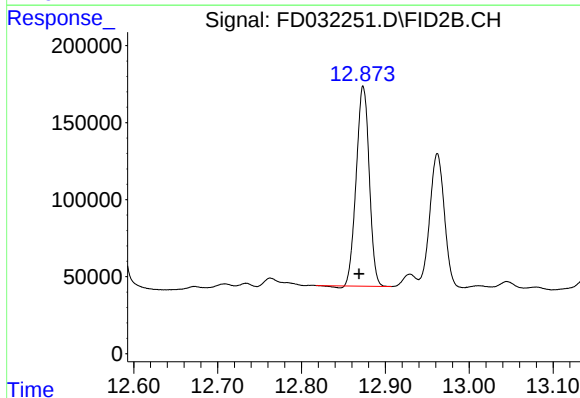
R.T.: 11.533 min
Delta R.T.: 0.002 min
Response: 3623414
Conc: 29.19 ug/ml

Instrument :
FID_D
ClientSampleId :



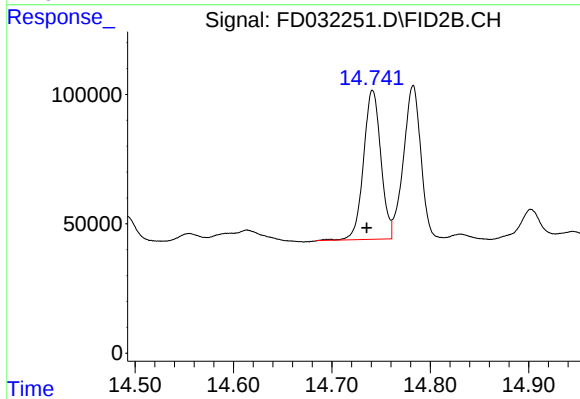
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: 0.005 min
Response: 1699500
Conc: 13.28 ug/ml



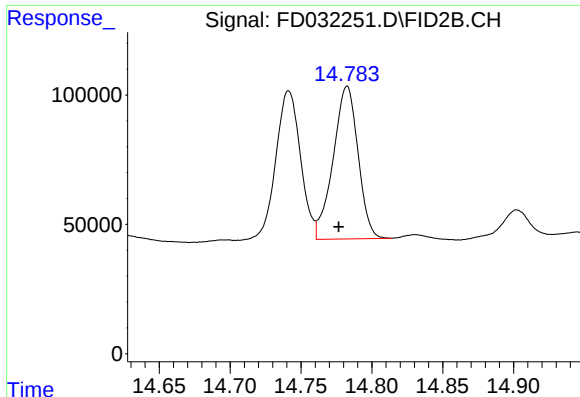
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: 0.005 min
Response: 1392154
Conc: 11.06 ug/ml



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

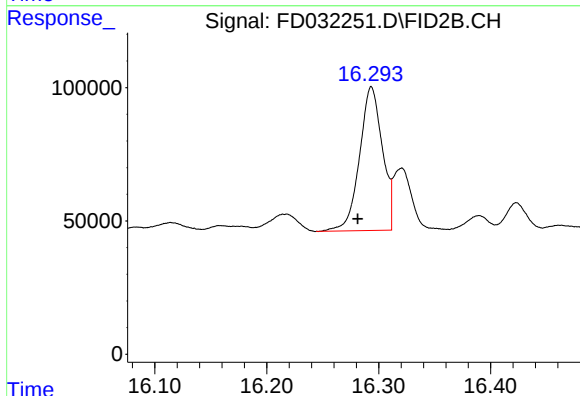
R.T.: 14.741 min
Delta R.T.: 0.006 min
Response: 703333
Conc: 5.76 ug/ml



#15 Chrysene (C27.41)

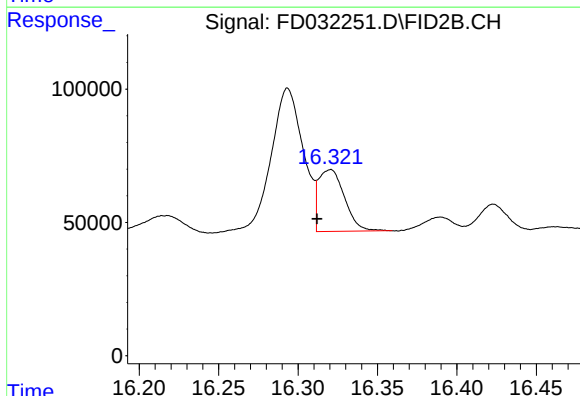
R.T.: 14.783 min
Delta R.T.: 0.006 min
Response: 722486
Conc: 5.87 ug/ml

Instrument :
FID_D
ClientSampleId :



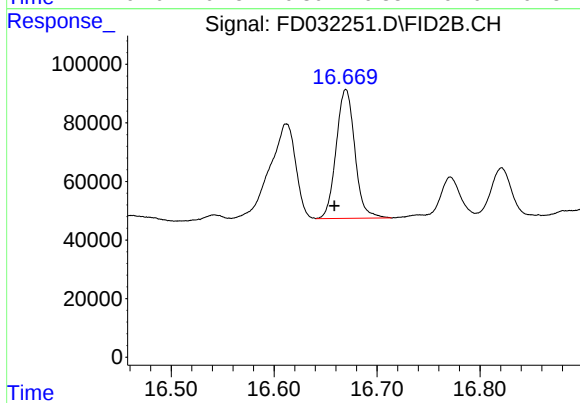
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: 0.012 min
Response: 763320
Conc: 6.32 ug/ml



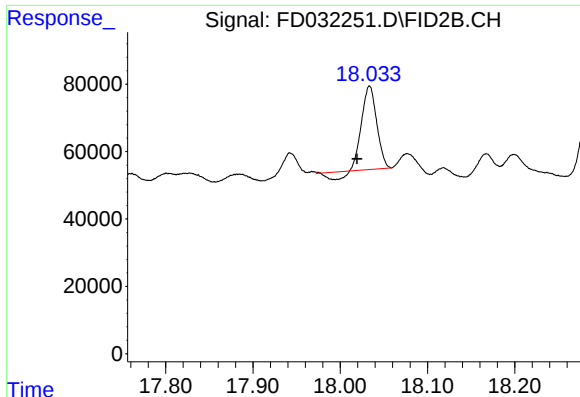
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.008 min
Response: 264664
Conc: 2.19 ug/ml



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

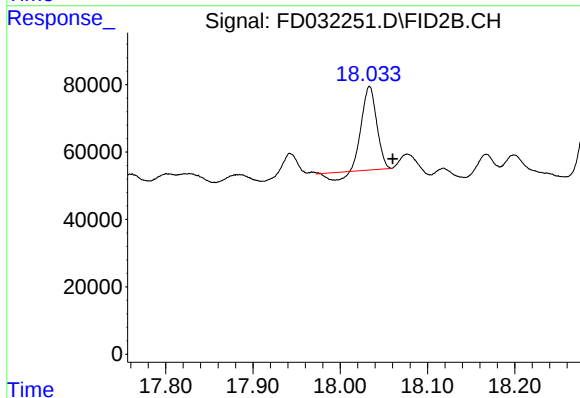
R.T.: 16.670 min
Delta R.T.: 0.011 min
Response: 555080
Conc: 4.65 ug/ml



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

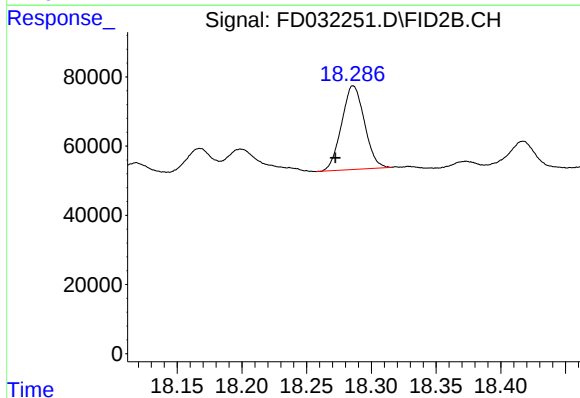
R.T.: 18.034 min
Delta R.T.: 0.015 min
Response: 275013
Conc: 2.39 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.034 min
Delta R.T.: -0.026 min
Response: 275013
Conc: 2.35 ug/ml



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

R.T.: 18.286 min
Delta R.T.: 0.014 min
Response: 297294
Conc: 2.61 ug/ml