

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035281.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 21:00
 Operator : DD\AJ
 Sample : L4608-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 04 00:47:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.642	5712194	49.250 ug/ml
Spiked Amount 50.000		Recovery =	98.50%
6) S 2-Fluorobiphenyl (SURR)	8.507	3771086	46.864 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.73%
11) S ortho-Terphenyl (SURR)	11.545	3388895	24.386 ug/ml
Spiked Amount 50.000		Recovery =	48.77%
Target Compounds			
9) T Phenanthrene (C19.36)	10.780	316198	2.392 ug/ml
12) T Fluoranthene (C21.85)	12.591	596602	4.441 ug/ml
13) T Pyrene (C20.8)	12.888	434661	3.268 ug/ml
14) T Benzo[a]anthracene (C...	14.761	212437	1.785 ug/ml
15) T Chrysene (C27.41)	14.801	270005	2.039 ug/ml
16) T benzo[b]fluoranthene ...	16.313	400366	3.388 ug/ml
17) T Bnezo[k]fluoranthene ...	16.313	400366	3.290 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.690	197608	1.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	147837	1.447 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	114188	0.998 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	90170	0.842 ug/ml

(f)=RT Delta > 1/2 Window

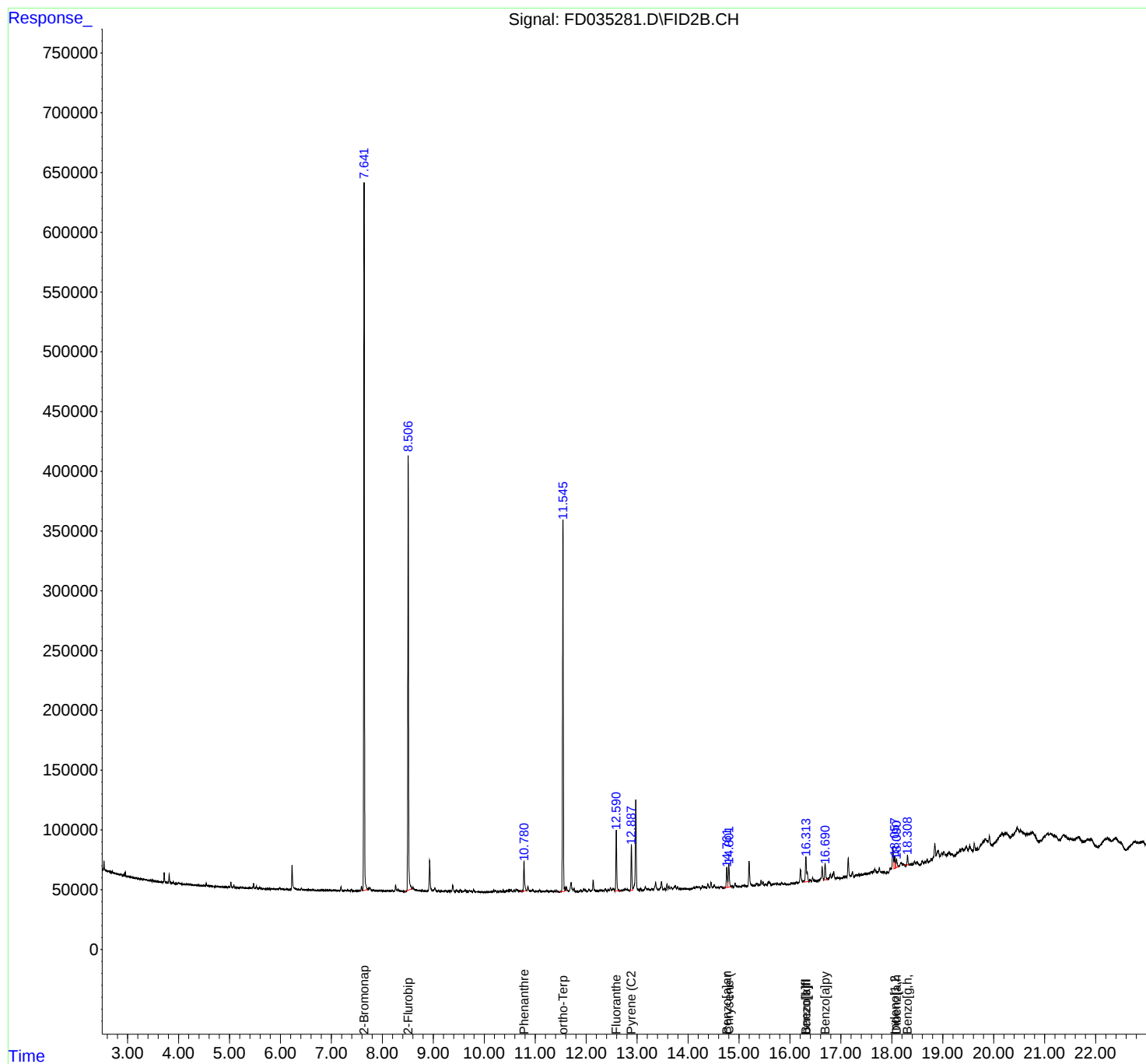
(m)=manual int.

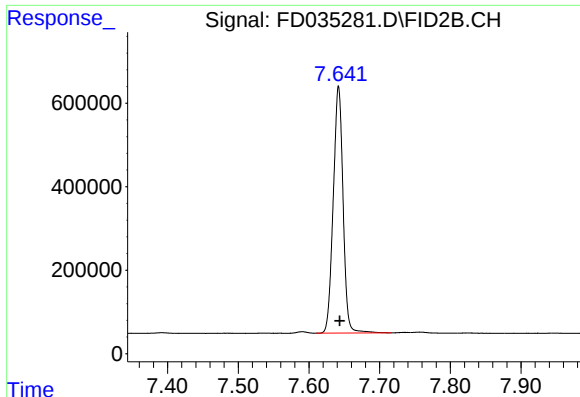
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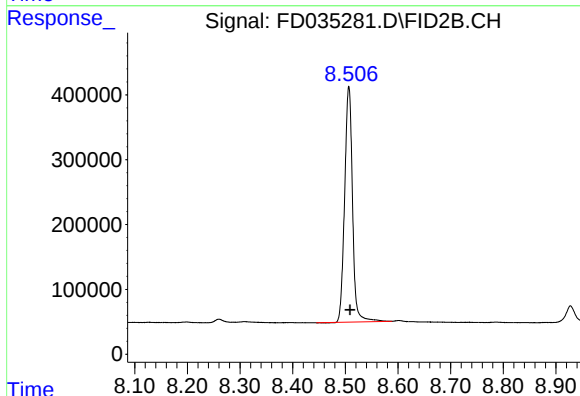




#4 2-Bromonaphthalene (SURR)

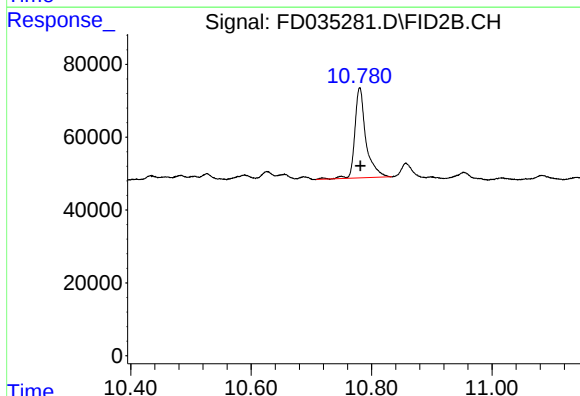
R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 5712194
Conc: 49.25 ug/ml

Instrument :
FID_D
ClientSampleId :



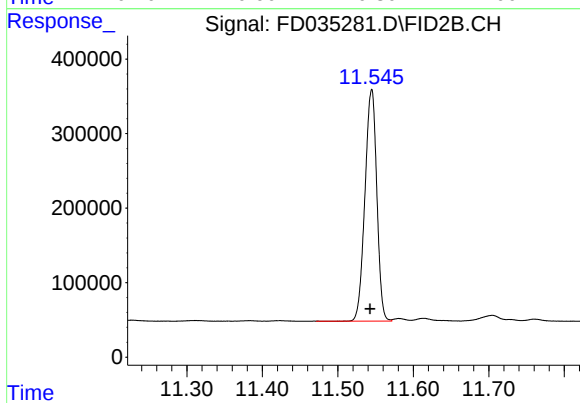
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.507 min
Delta R.T.: -0.003 min
Response: 3771086
Conc: 46.86 ug/ml



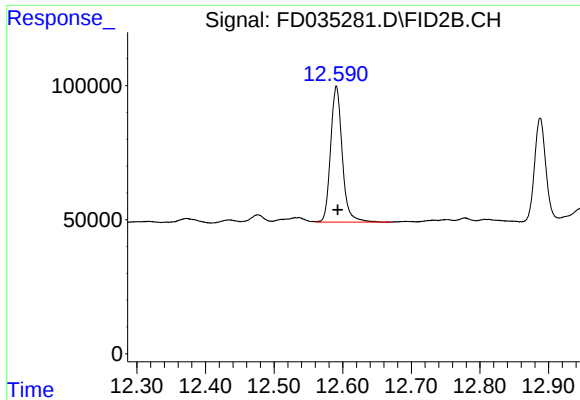
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.001 min
Response: 316198
Conc: 2.39 ug/ml



#11 ortho-Terphenyl (SURR)

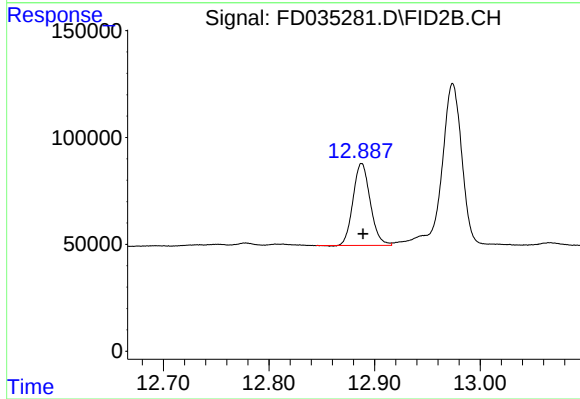
R.T.: 11.545 min
Delta R.T.: 0.002 min
Response: 3388895
Conc: 24.39 ug/ml



#12 Fluoranthene (C21.85)

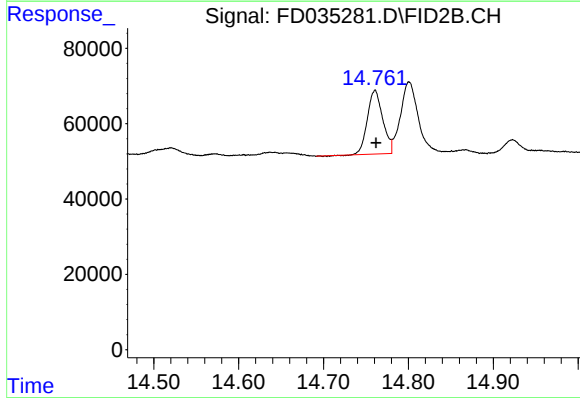
R.T.: 12.591 min
Delta R.T.: -0.002 min
Response: 596602
Conc: 4.44 ug/ml

Instrument :
FID_D
ClientSampleId :



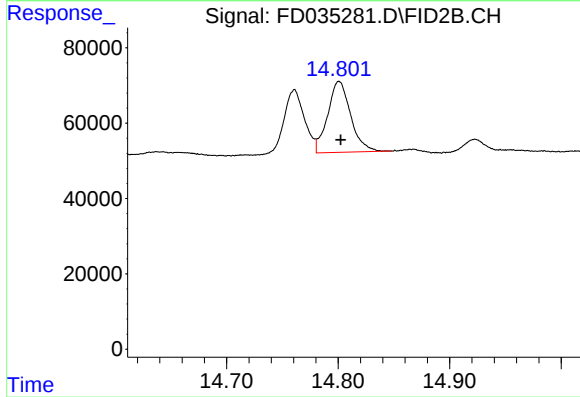
#13 Pyrene (C20.8)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 434661
Conc: 3.27 ug/ml



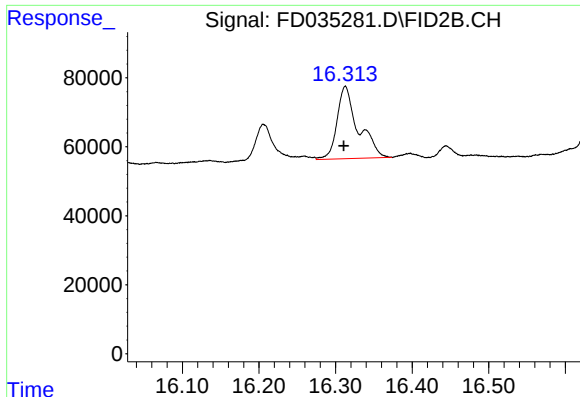
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.001 min
Response: 212437
Conc: 1.79 ug/ml



#15 Chrysene (C27.41)

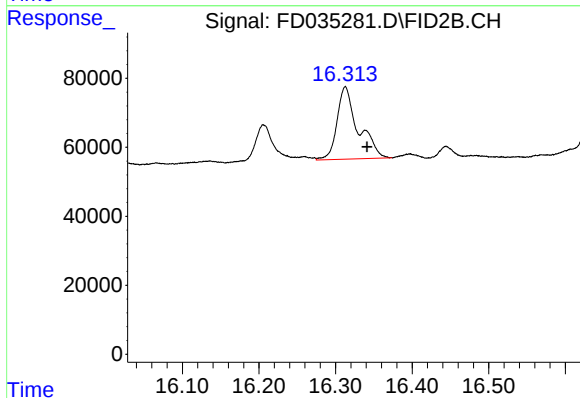
R.T.: 14.801 min
Delta R.T.: -0.001 min
Response: 270005
Conc: 2.04 ug/ml



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

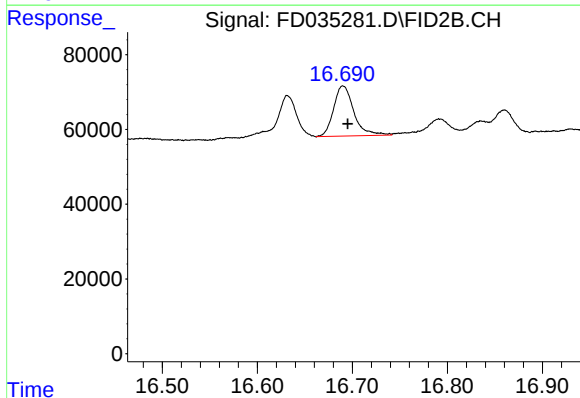
R.T.: 16.313 min
Delta R.T.: 0.002 min
Response: 400366
Conc: 3.39 ug/ml

Instrument :
FID_D
ClientSampleId :



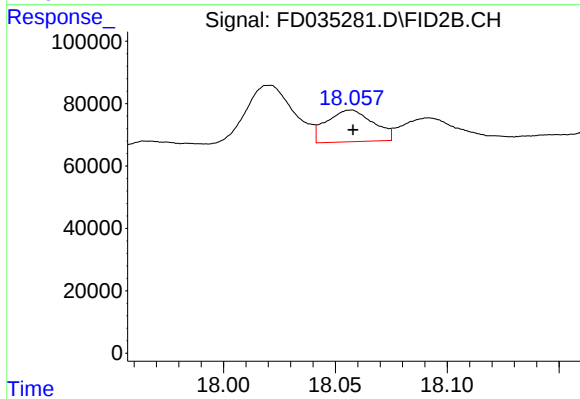
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.313 min
Delta R.T.: -0.028 min
Response: 400366
Conc: 3.29 ug/ml



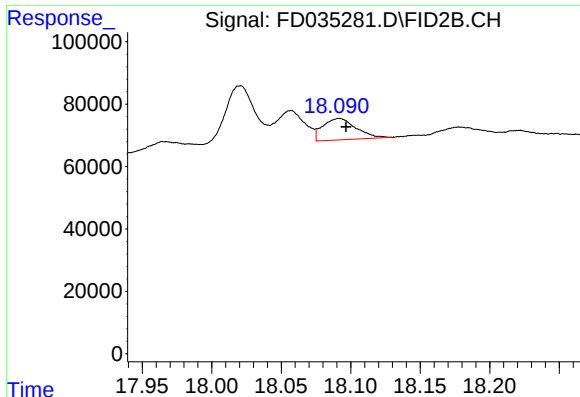
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: -0.005 min
Response: 197608
Conc: 1.81 ug/ml



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

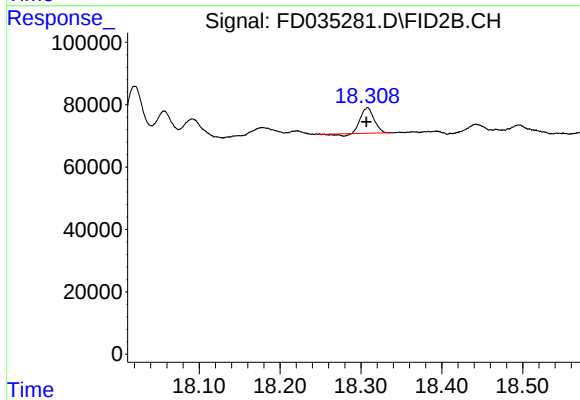
R.T.: 18.057 min
Delta R.T.: -0.001 min
Response: 147837
Conc: 1.45 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 114188
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.308 min
Delta R.T.: 0.001 min
Response: 90170
Conc: 0.84 ug/ml