

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035283.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 22:15
 Operator : DD\AJ
 Sample : L4608-05
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 04 00:47:56 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	5546978	47.826 ug/ml
Spiked Amount 50.000		Recovery =	95.65%
6) S 2-Fluorobiphenyl (SURR)	8.506	3585535	44.558 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.12%
11) S ortho-Terphenyl (SURR)	11.545	3588282	25.820 ug/ml
Spiked Amount 50.000		Recovery =	51.64%
Target Compounds			
9) T Phenanthrene (C19.36)	10.781	178486	1.350 ug/ml
12) T Fluoranthene (C21.85)	12.592	427328	3.181 ug/ml
13) T Pyrene (C20.8)	12.888	340623	2.561 ug/ml
14) T Benzo[a]anthracene (C...	14.761	155300	1.305 ug/ml
15) T Chrysene (C27.41)	14.800	298015	2.250 ug/ml
16) T benzo[b]fluoranthene ...	16.312	314655	2.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.312	314655	2.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	154889	1.416 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	72017	0.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.055	72017	0.630 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	97954	0.915 ug/ml

(f)=RT Delta > 1/2 Window

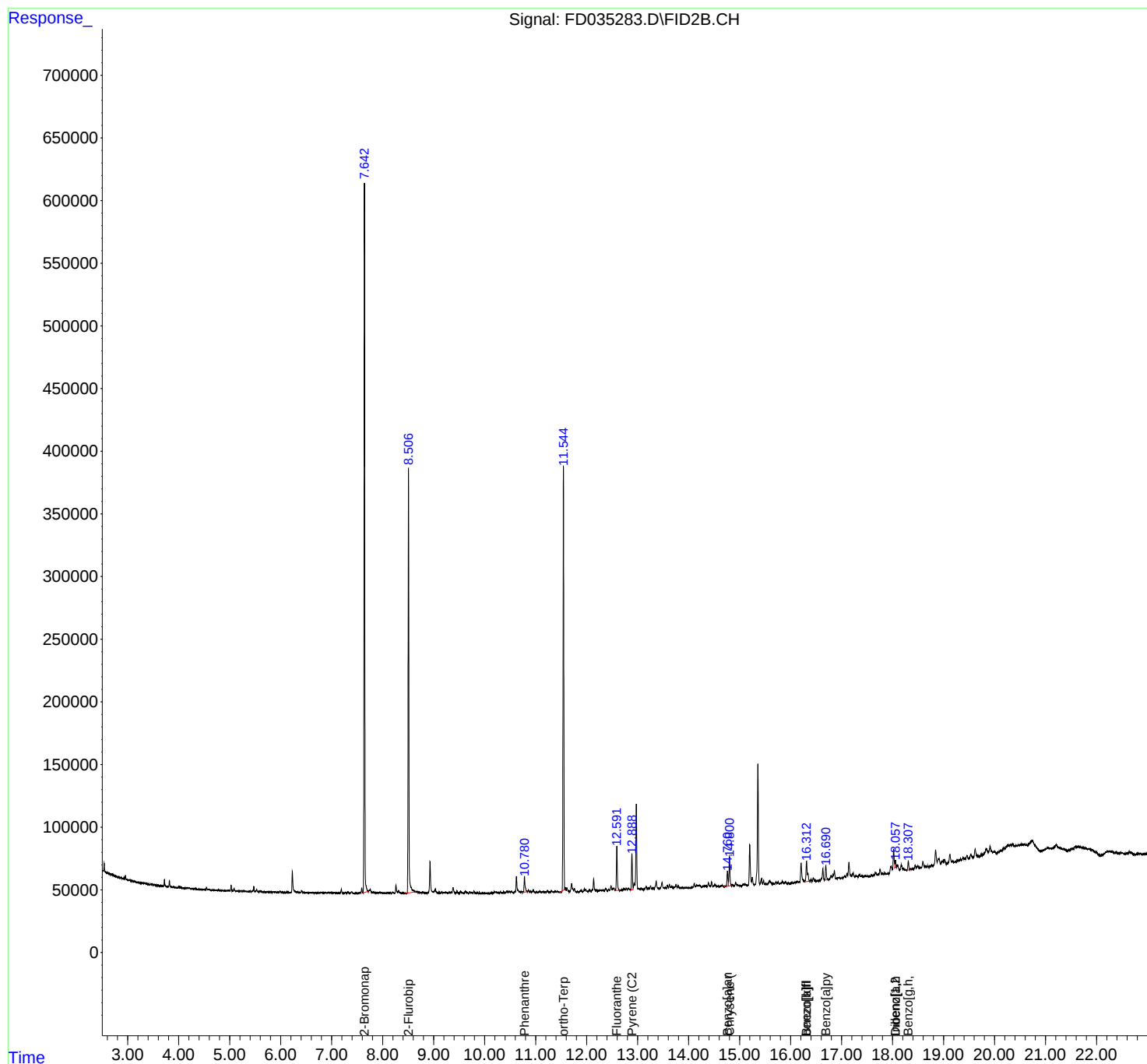
(m)=manual int.

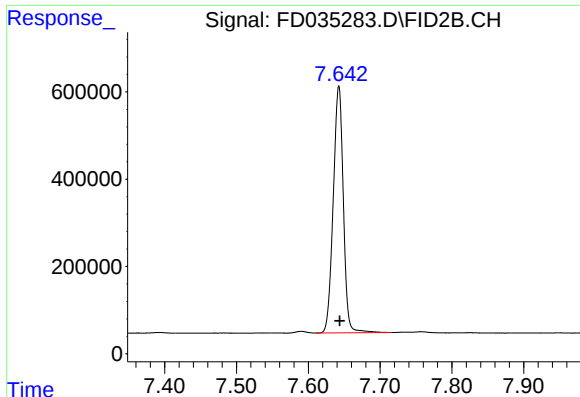
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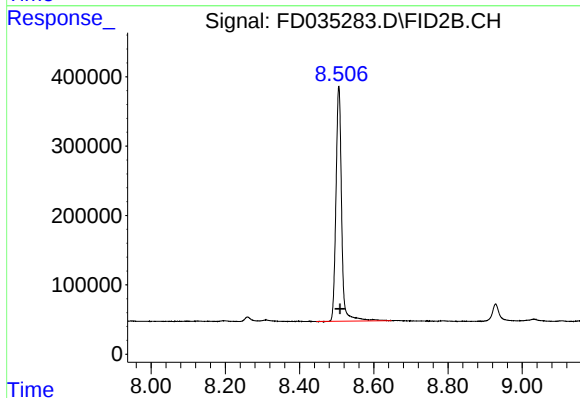




#4 2-Bromonaphthalene (SURR)

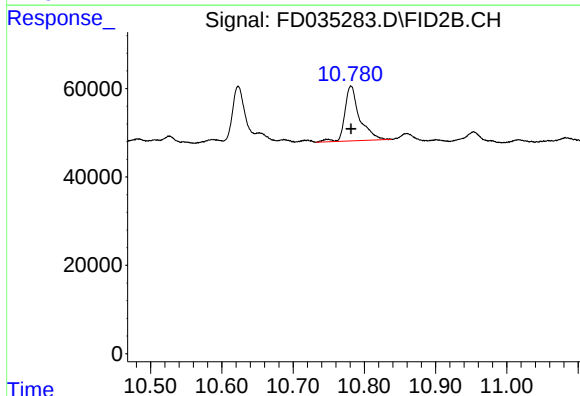
R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 5546978
Conc: 47.83 ug/ml

Instrument :
FID_D
ClientSampleId :



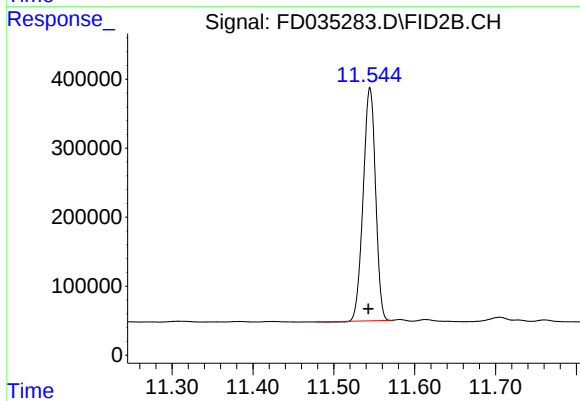
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: -0.004 min
Response: 3585535
Conc: 44.56 ug/ml



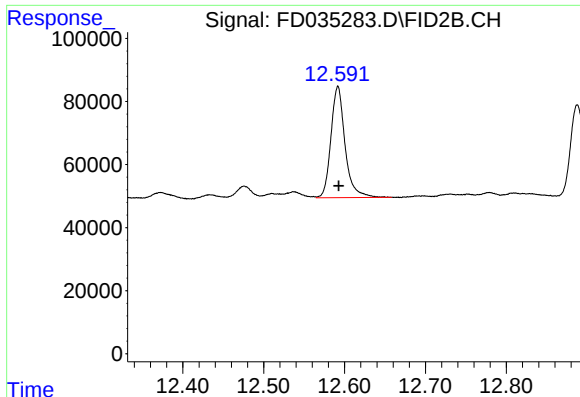
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: 0.000 min
Response: 178486
Conc: 1.35 ug/ml



#11 ortho-Terphenyl (SURR)

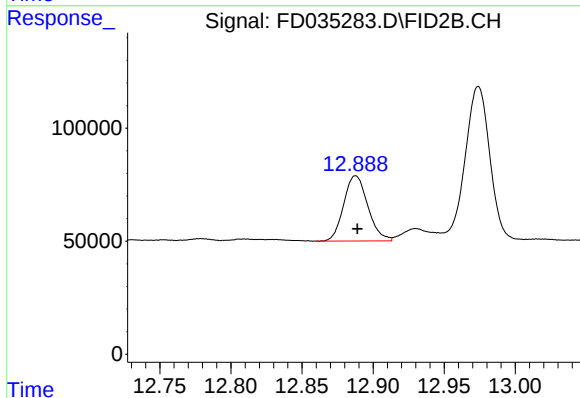
R.T.: 11.545 min
Delta R.T.: 0.002 min
Response: 3588282
Conc: 25.82 ug/ml



#12 Fluoranthene (C21.85)

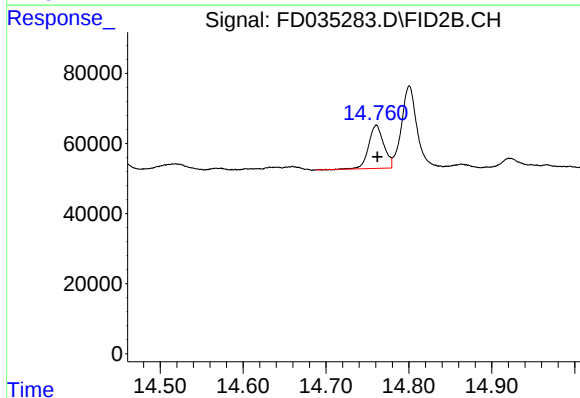
R.T.: 12.592 min
Delta R.T.: -0.001 min
Response: 427328
Conc: 3.18 ug/ml

Instrument :
FID_D
ClientSampleId :



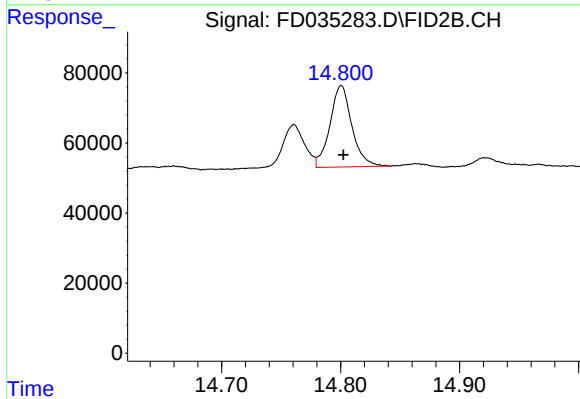
#13 Pyrene (C20.8)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 340623
Conc: 2.56 ug/ml



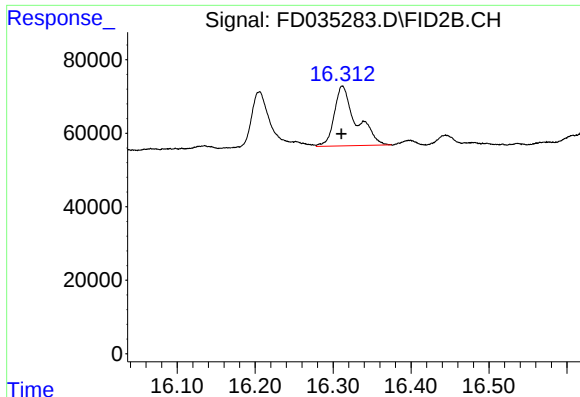
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.001 min
Response: 155300
Conc: 1.31 ug/ml



#15 Chrysene (C27.41)

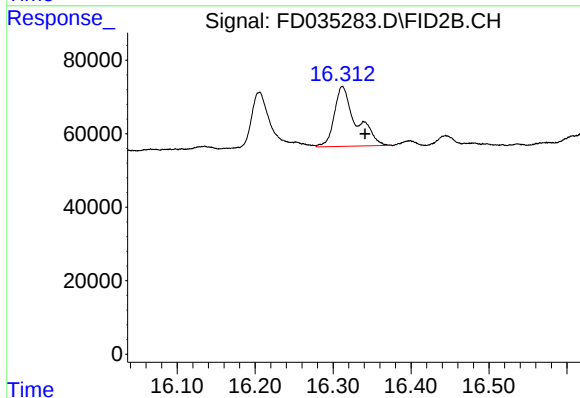
R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 298015
Conc: 2.25 ug/ml



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

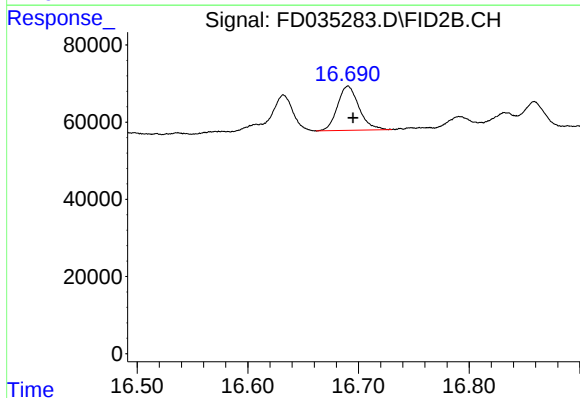
R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 314655
Conc: 2.66 ug/ml

Instrument :
FID_D
ClientSampleId :



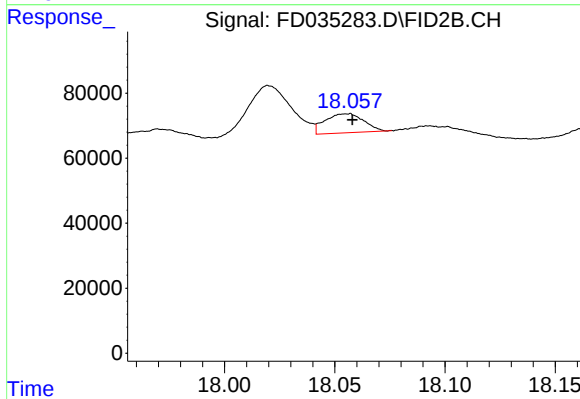
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.312 min
Delta R.T.: -0.029 min
Response: 314655
Conc: 2.59 ug/ml



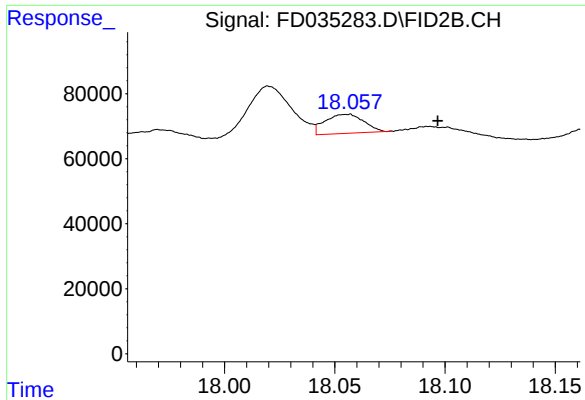
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.691 min
Delta R.T.: -0.005 min
Response: 154889
Conc: 1.42 ug/ml



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

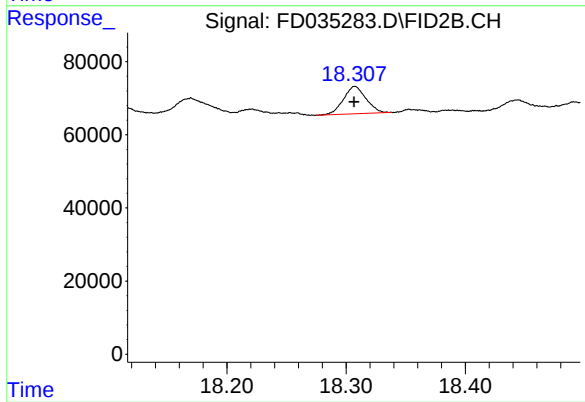
R.T.: 18.055 min
Delta R.T.: -0.003 min
Response: 72017
Conc: 0.70 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.042 min
Response: 72017
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.307 min
Delta R.T.: 0.000 min
Response: 97954
Conc: 0.91 ug/ml