

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091620AR\
 Data File : FD034742.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2020 21:55
 Operator : DD\AJ
 Sample : L4020-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ETGI-370

Integration File: autoint1.e
 Quant Time: Sep 17 00:46:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.688	3977466	38.779 ug/ml
Spiked Amount 50.000		Recovery =	77.56%
6) S 2-Fluorobiphenyl (SURR)	8.553	1476449	20.520 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.04%
11) S ortho-Terphenyl (SURR)	11.596	3988754	33.295 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
Target Compounds			
9) T Phenanthrene (C19.36)	10.831	191396	1.641 ug/ml
12) T Fluoranthene (C21.85)	12.643	560200	4.804 ug/ml
13) T Pyrene (C20.8)	12.941	486843	4.290 ug/ml
14) T Benzo[a]anthracene (C...	14.812	349514	3.167 ug/ml
15) T Chrysene (C27.41)	14.853	379162	3.395 ug/ml
16) T benzo[b]fluoranthene ...	16.393	180944	1.689 ug/ml
17) T Bnezo[k]fluoranthene ...	16.393	180944	1.706 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.742	423329	4.020 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	276483	2.729 ug/ml
20) T Dibenz[a,h]anthracene...	18.108f	276483	2.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	266739	2.642 ug/ml

(f)=RT Delta > 1/2 Window

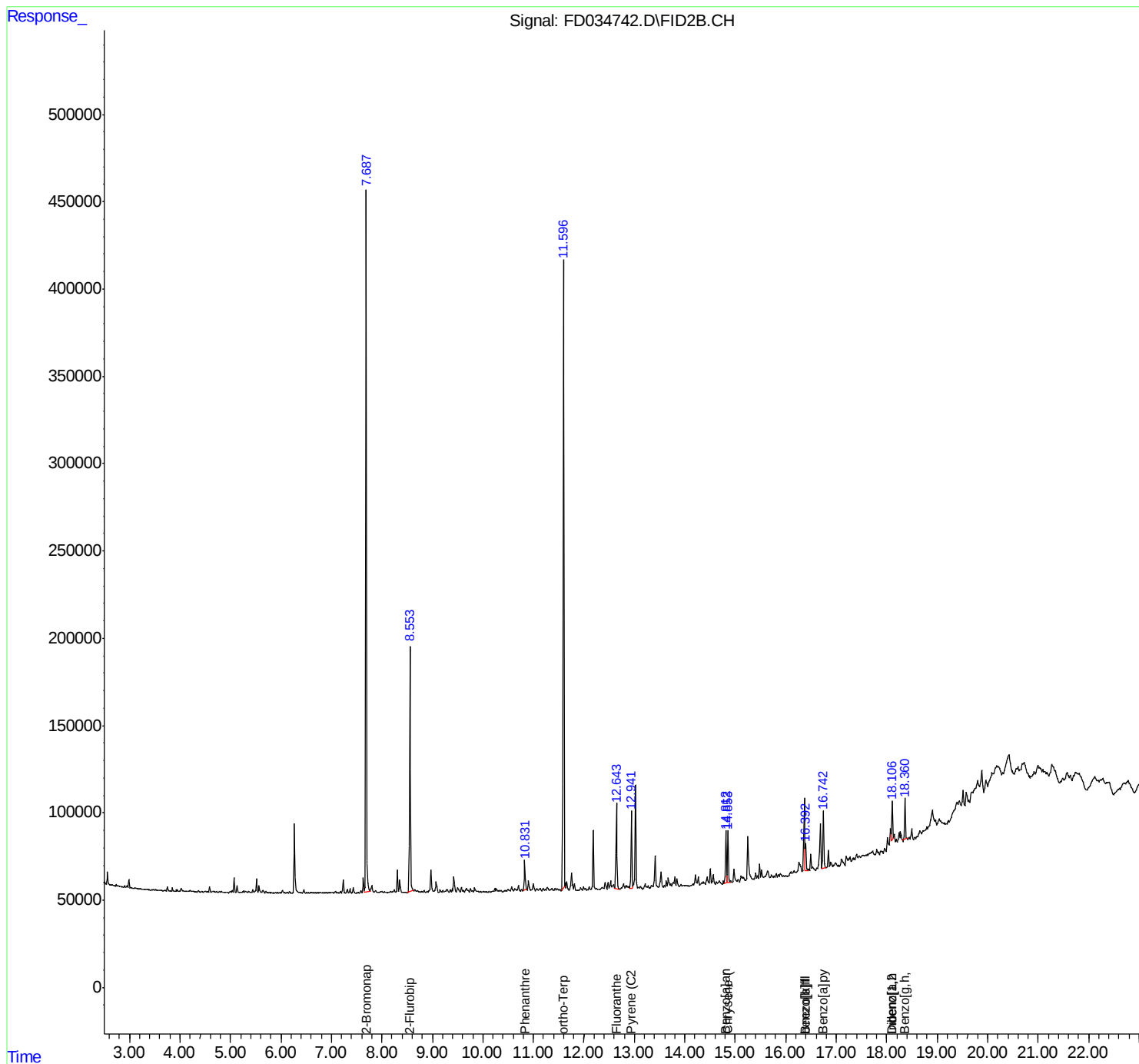
(m)=manual int.

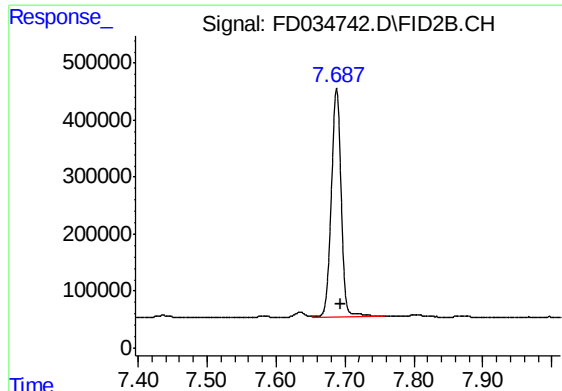
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Signal Info : 20M x 0.18mm x 0.18µm

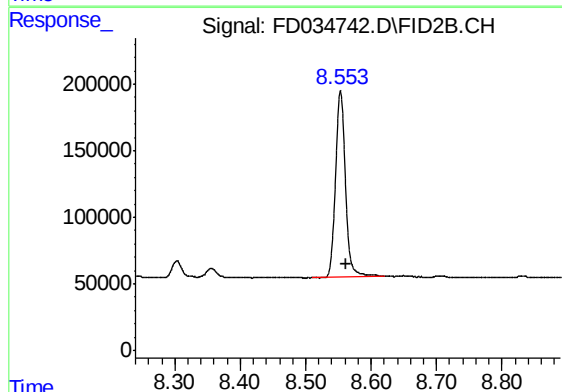




#4 2-Bromonaphthalene (SURR)

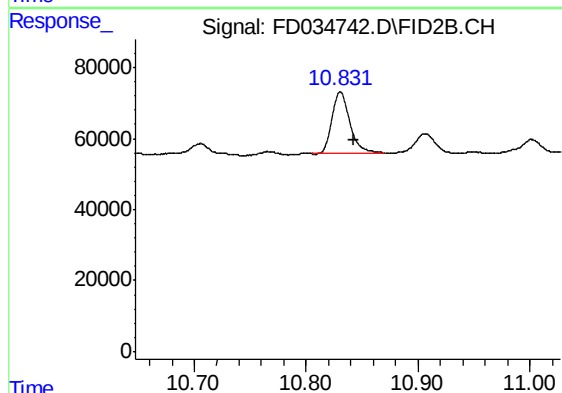
R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 3977466
Conc: 38.78 ug/ml

Instrument :
FID_D
ClientSampleId :
ETGI-370



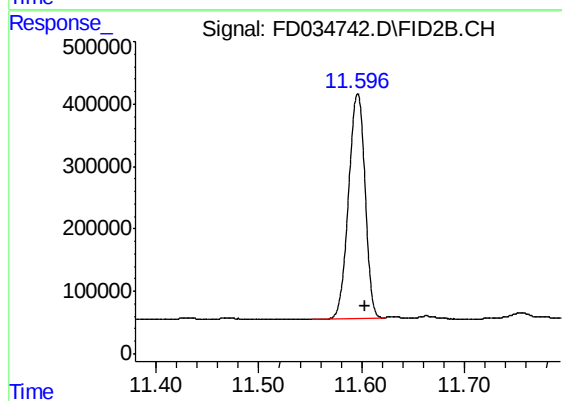
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.008 min
Response: 1476449
Conc: 20.52 ug/ml



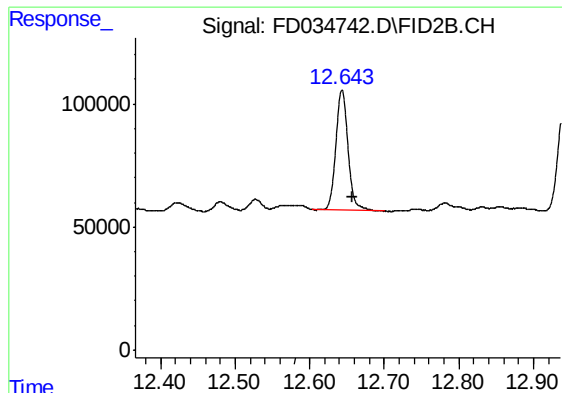
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: -0.012 min
Response: 191396
Conc: 1.64 ug/ml



#11 ortho-Terphenyl (SURR)

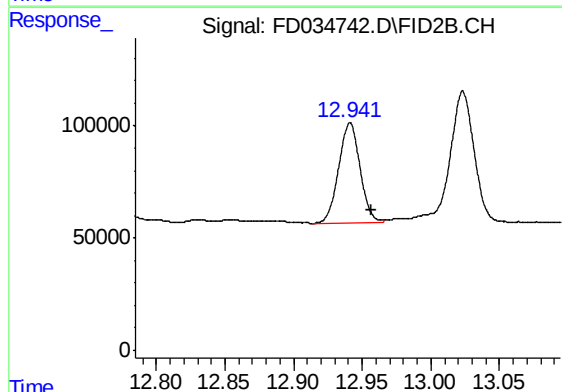
R.T.: 11.596 min
Delta R.T.: -0.008 min
Response: 3988754
Conc: 33.30 ug/ml



#12 Fluoranthene (C21.85)

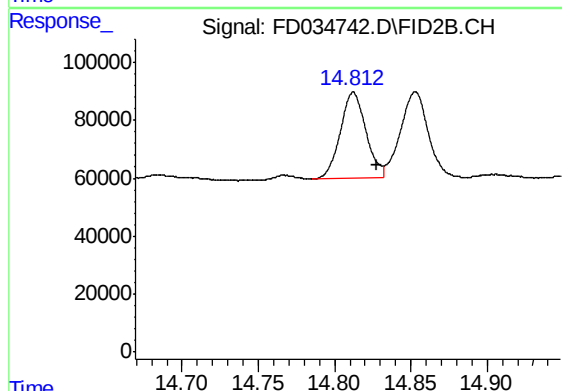
R.T.: 12.643 min
Delta R.T.: -0.014 min
Response: 560200
Conc: 4.80 ug/ml

Instrument :
FID_D
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ETGI-370



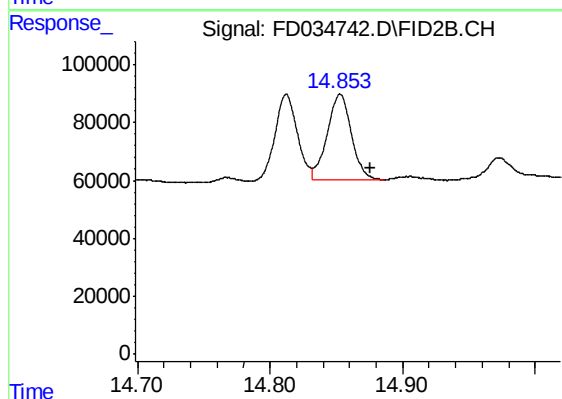
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 486843
Conc: 4.29 ug/ml



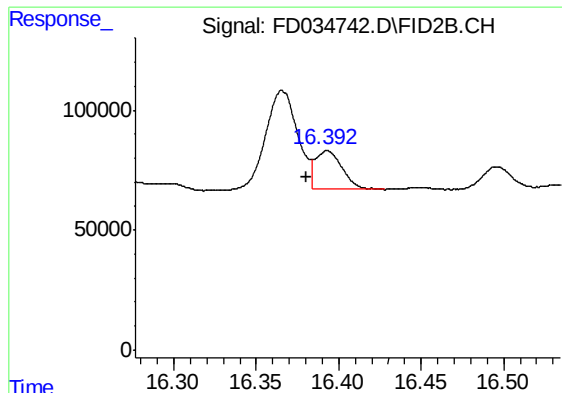
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.015 min
Response: 349514
Conc: 3.17 ug/ml



#15 Chrysene (C27.41)

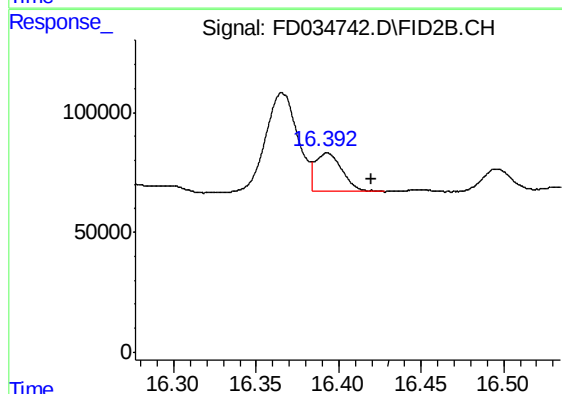
R.T.: 14.853 min
Delta R.T.: -0.023 min
Response: 379162
Conc: 3.39 ug/ml



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

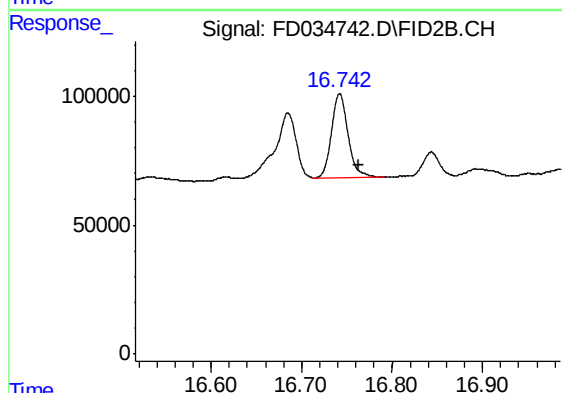
R.T.: 16.393 min
Delta R.T.: 0.012 min
Response: 180944
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :
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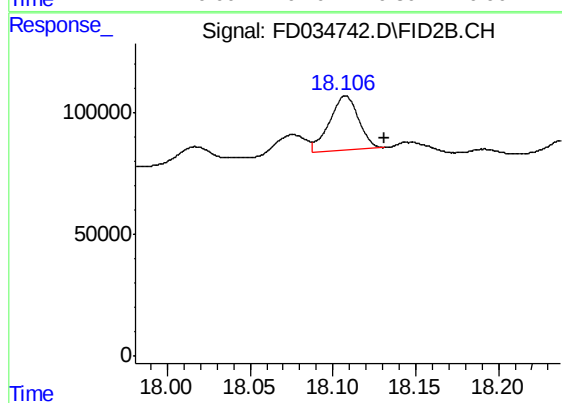
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 180944
Conc: 1.71 ug/ml



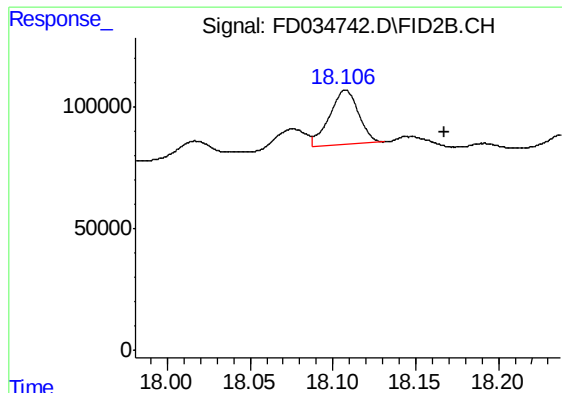
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.742 min
Delta R.T.: -0.021 min
Response: 423329
Conc: 4.02 ug/ml



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

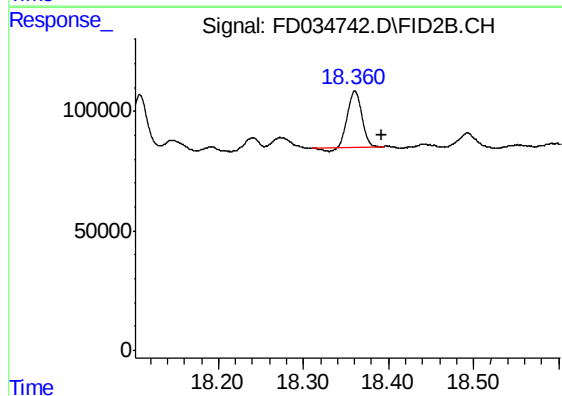
R.T.: 18.108 min
Delta R.T.: -0.023 min
Response: 276483
Conc: 2.73 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.060 min
Response: 276483
Conc: 2.72 ug/ml

Instrument :
FID_D
ClientSampleId :
ETGI-370



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

R.T.: 18.360 min
Delta R.T.: -0.031 min
Response: 266739
Conc: 2.64 ug/ml