

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010521AR\
 Data File : FD035897.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2021 19:21
 Operator : DD\AJ
 Sample : M1004-02D
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 06 08:24:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.580	5766325	52.839 ug/ml
Spiked Amount 50.000		Recovery =	105.68%
6) S 2-Fluorobiphenyl (SURR)	8.446	3632350	52.320 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.64%
11) S ortho-Terphenyl (SURR)	11.479	5889673	45.567 ug/ml
Spiked Amount 50.000		Recovery =	91.13%
Target Compounds			
7) T Acenaphthene (C15.5)	8.545	196548	1.449 ug/ml
9) T Phenanthrene (C19.36)	10.724	1228189	10.070 ug/ml
10) T Anthracene (C19.43)	10.817	200764	1.604 ug/ml
12) T Fluoranthene (C21.85)	12.533	1854446	15.217 ug/ml
13) T Pyrene (C20.8)	12.830	1378257	11.265 ug/ml
14) T Benzo[a]anthracene (C...	14.708	740854	7.535 ug/ml
15) T Chrysene (C27.41)	14.747	1149490	9.381 ug/ml
16) T benzo[b]fluoranthene ...	16.293	634438	6.662 ug/ml
17) T Bnezo[k]fluoranthene ...	16.293	634438	5.760 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	863792	9.488 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	595163	7.350 ug/ml
20) T Dibenz[a,h]anthracene...	18.022f	595163	5.570 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	417659	4.518 ug/ml

(f)=RT Delta > 1/2 Window

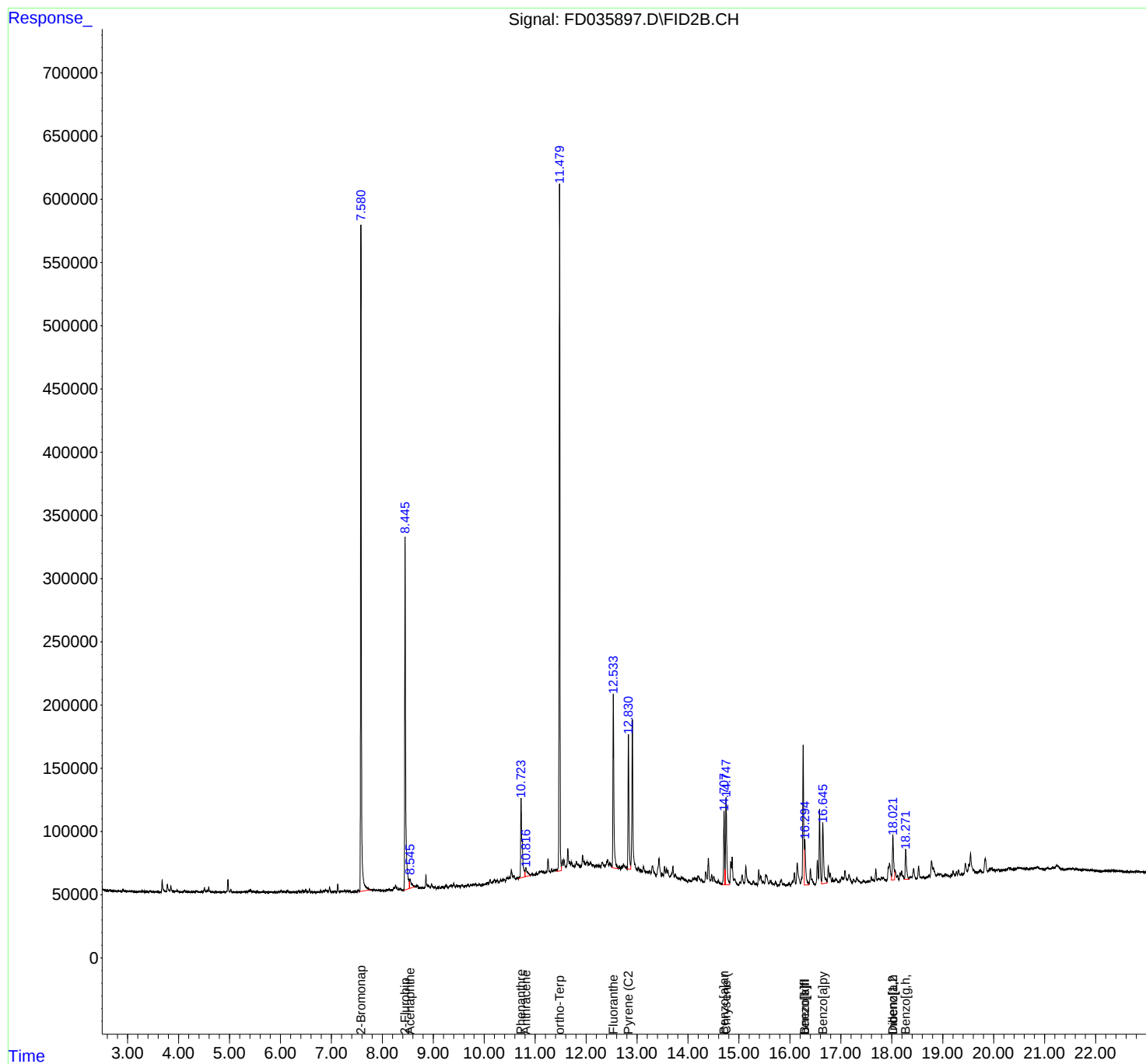
(m)=manual int.

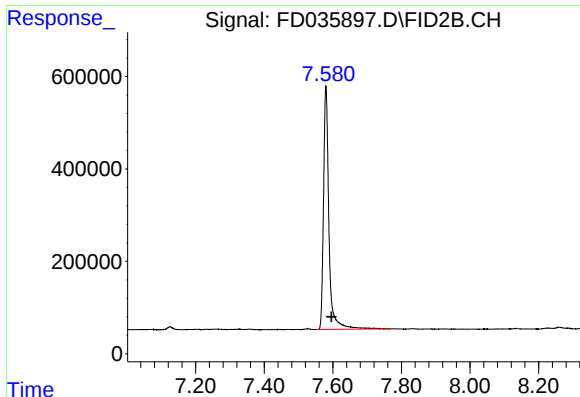
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

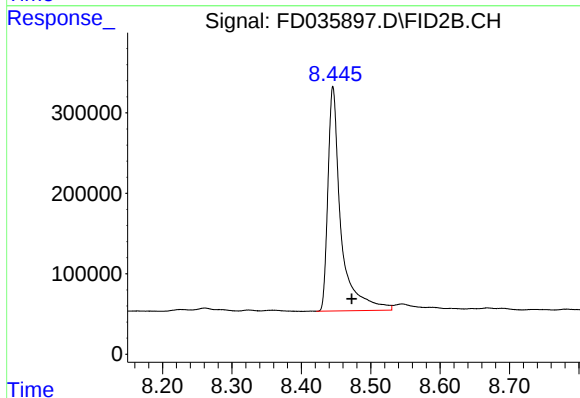




#4 2-Bromonaphthalene (SURRE)

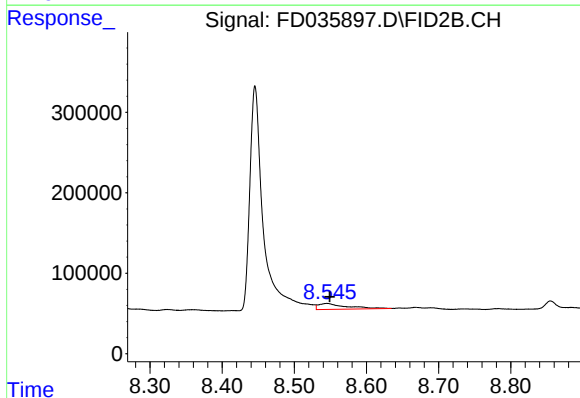
R.T.: 7.580 min
Delta R.T.: -0.016 min
Response: 5766325
Conc: 52.84 ug/ml

Instrument :
FID_D
ClientSampleId :



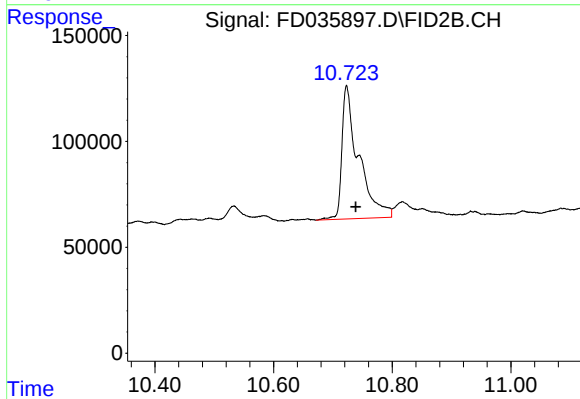
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.446 min
Delta R.T.: -0.027 min
Response: 3632350
Conc: 52.32 ug/ml



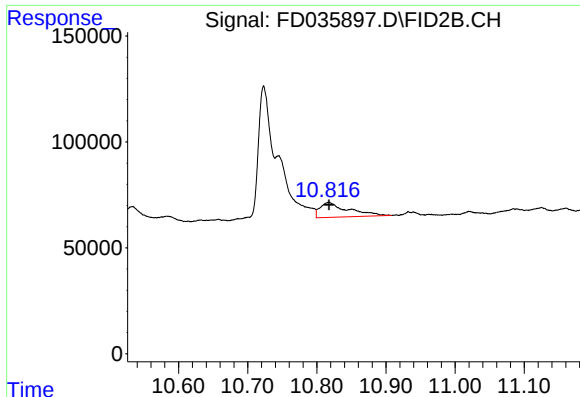
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.004 min
Response: 196548
Conc: 1.45 ug/ml



#9 Phenanthrene (C19.36)

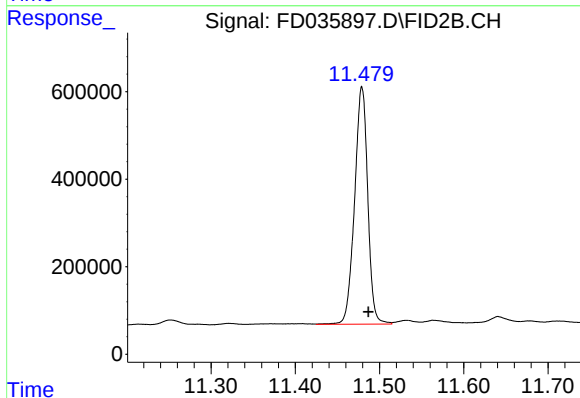
R.T.: 10.724 min
Delta R.T.: -0.015 min
Response: 1228189
Conc: 10.07 ug/ml



#10 Anthracene (C19.43)

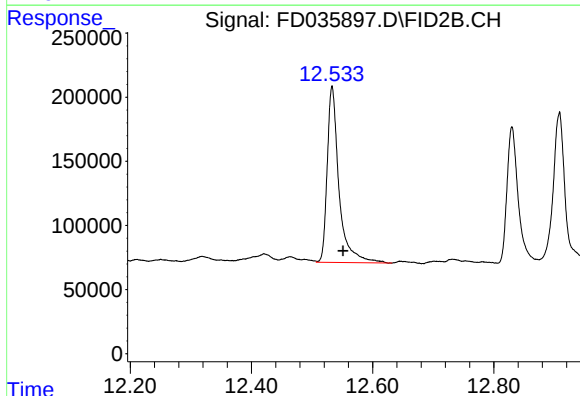
R.T.: 10.817 min
Delta R.T.: 0.000 min
Response: 200764
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



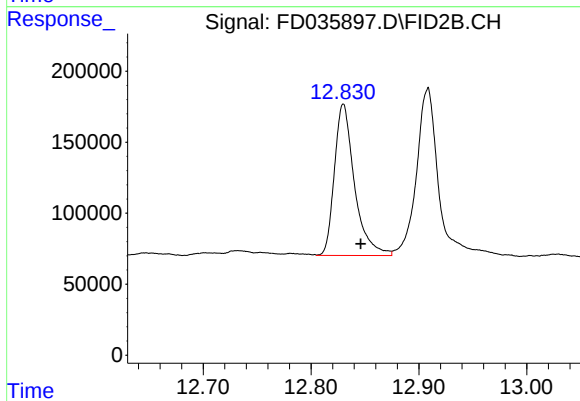
#11 ortho-Terphenyl (SURRE)

R.T.: 11.479 min
Delta R.T.: -0.008 min
Response: 5889673
Conc: 45.57 ug/ml



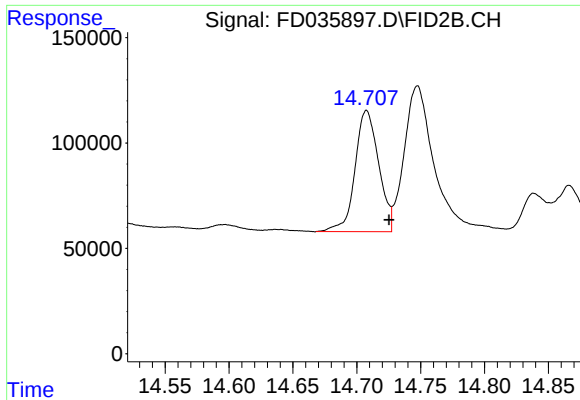
#12 Fluoranthene (C21.85)

R.T.: 12.533 min
Delta R.T.: -0.018 min
Response: 1854446
Conc: 15.22 ug/ml



#13 Pyrene (C20.8)

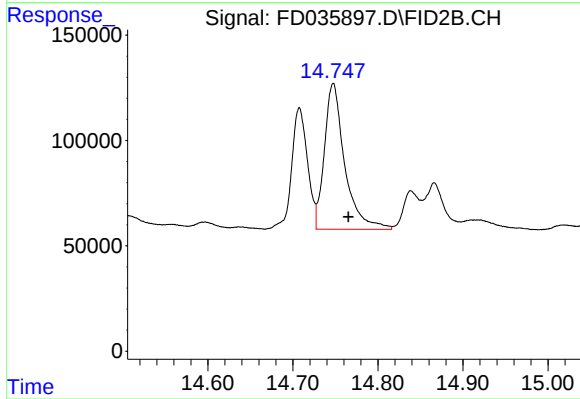
R.T.: 12.830 min
Delta R.T.: -0.016 min
Response: 1378257
Conc: 11.26 ug/ml



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

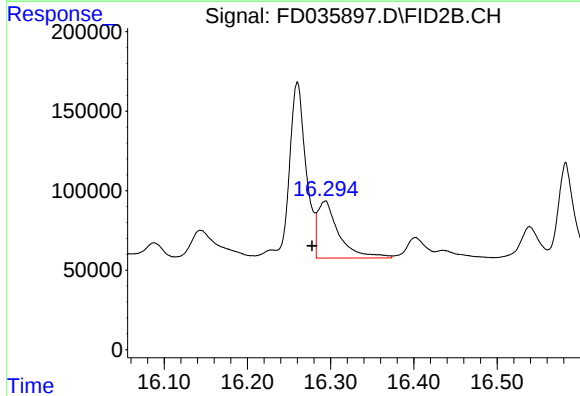
R.T.: 14.708 min
Delta R.T.: -0.017 min
Response: 740854
Conc: 7.53 ug/ml

Instrument :
FID_D
ClientSampleId :



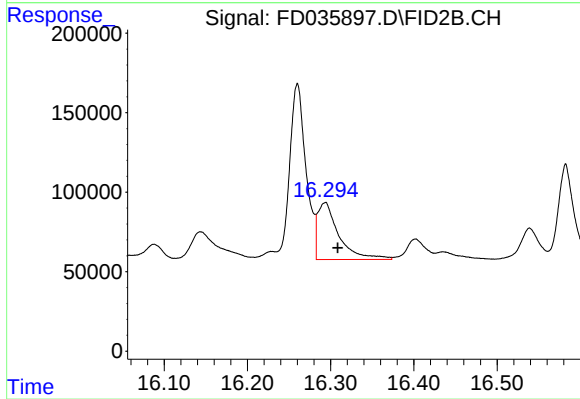
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: -0.018 min
Response: 1149490
Conc: 9.38 ug/ml



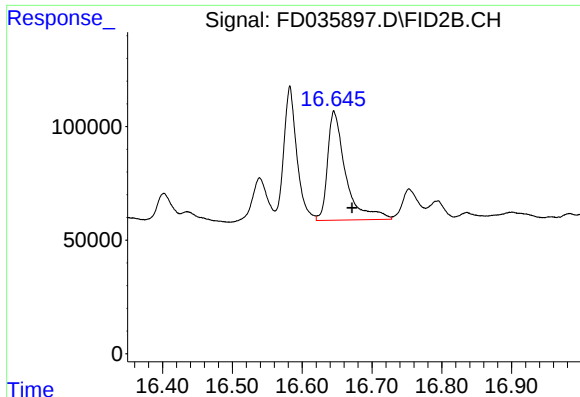
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: 0.016 min
Response: 634438
Conc: 6.66 ug/ml



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

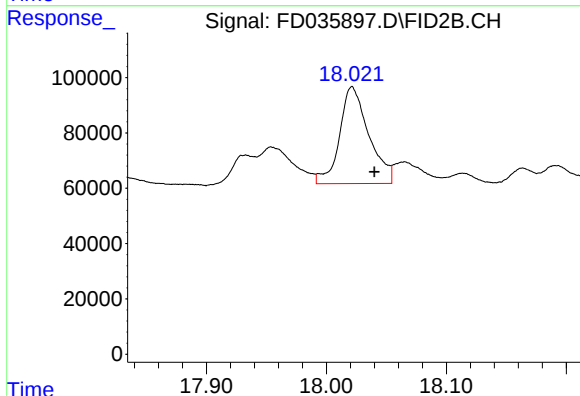
R.T.: 16.293 min
Delta R.T.: -0.015 min
Response: 634438
Conc: 5.76 ug/ml



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

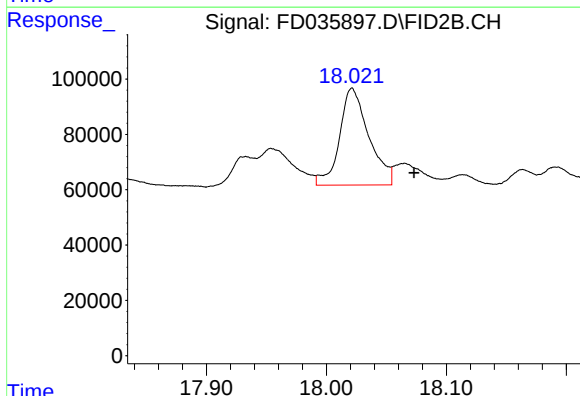
R.T.: 16.646 min
Delta R.T.: -0.026 min
Response: 863792
Conc: 9.49 ug/ml

Instrument :
FID_D
ClientSampleId :



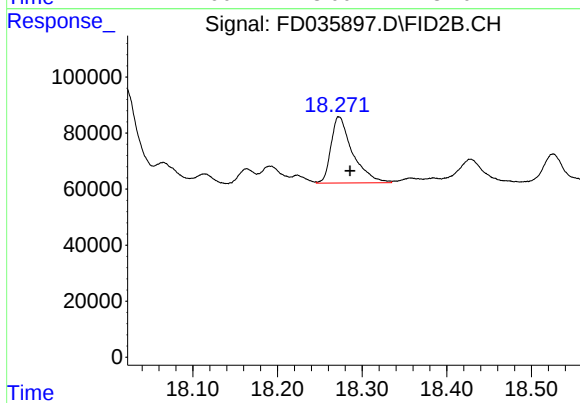
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: -0.018 min
Response: 595163
Conc: 7.35 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.052 min
Response: 595163
Conc: 5.57 ug/ml



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

R.T.: 18.273 min
Delta R.T.: -0.013 min
Response: 417659
Conc: 4.52 ug/ml