

Data Path : P:\HPCHEM1\FID_D\Data\FD041618AR\
 Data File : FD023050.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 3:28
 Operator : UA/AJ
 Sample : J2133-02
 Misc : AROMATIC LOQ 10 PPM; FID_D
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:08:39 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.294	4777229	35.226 ug/ml
Spiked Amount 50.000		Recovery =	70.45%
6) S 2-Fluorobiphenyl (SURR)	8.155	2620132	36.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.53%
11) S ortho-Terphenyl (SURR)	11.175	5510517	39.415 ug/ml
Spiked Amount 50.000		Recovery =	78.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.110	684651	4.912 ug/ml
2) T Naphthalene (C11.7)	5.649	737044	5.385 ug/ml
3) T 2-Methylnaphthalene (...)	6.698	766154	5.613 ug/ml
5) T Acenaphthylene (C15.06)	7.959	991398	6.783 ug/ml
7) T Acenaphthene (C15.5)	8.247	1208908	7.156 ug/ml
8) T Flouorene (C16.55)	9.038	916493	6.400 ug/ml
9) T Phenanthrene (C19.36)	10.433	886017	6.675 ug/ml
10) T Anthracene (C19.43)	10.514	926940	6.625 ug/ml
12) T Fluoranthene (C21.85)	12.242	968728	7.053 ug/ml
13) T Pyrene (C20.8)	12.534	874029	6.192 ug/ml
14) T Benzo[a]anthracene (C...	14.415	804541	6.476 ug/ml
15) T Chrysene (C27.41)	14.459	1314291	8.489 ug/ml
16) T benzo[b]fluoranthene ...	15.971	862964	6.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	1303870	7.902 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	691591	4.797 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	800169	6.166 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	1320718	7.940 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	1035327	6.985 ug/ml

(f)=RT Delta > 1/2 Window

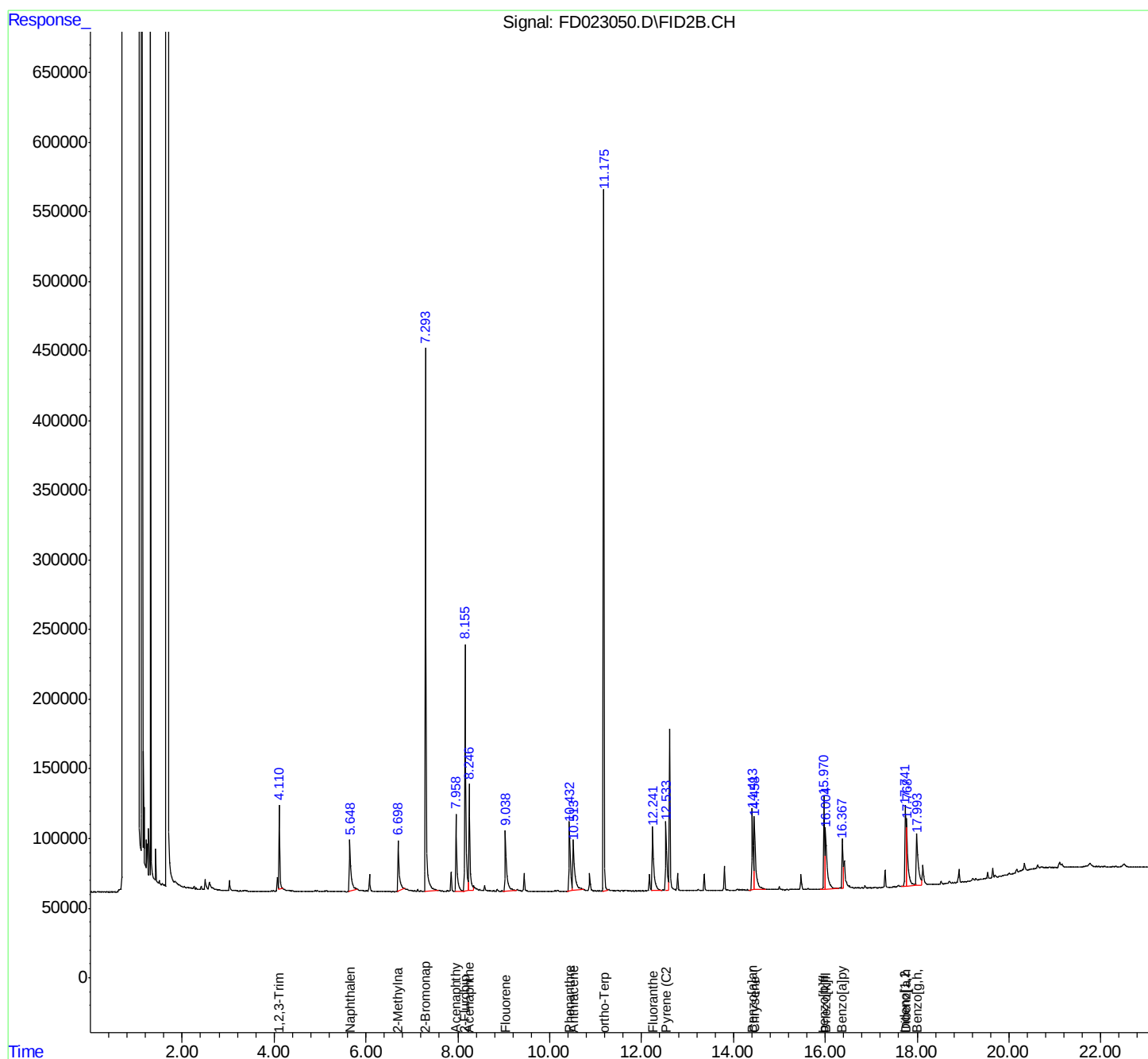
(m)=manual int.

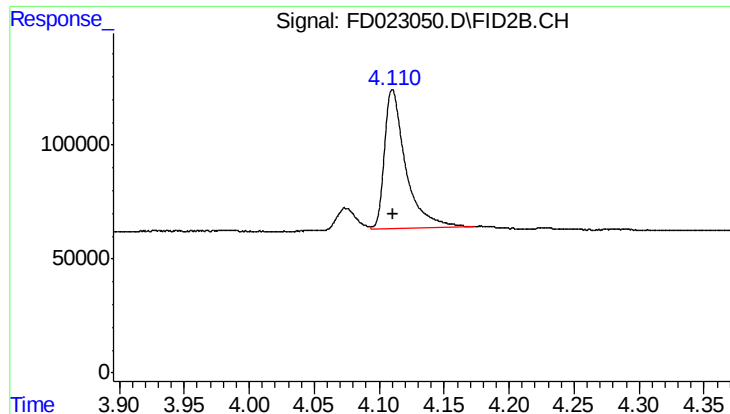
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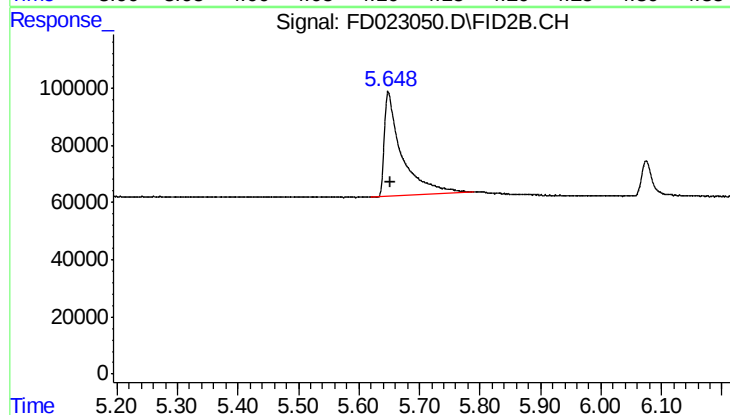




#1 1,2,3-Trimethylbenzene (C10.1)

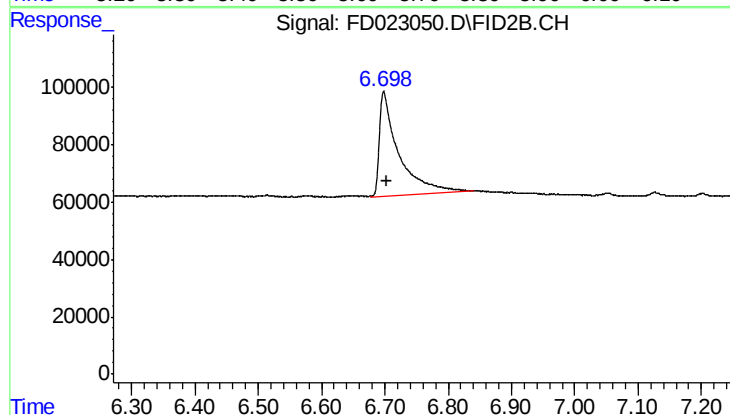
R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 684651
Conc: 4.91 ug/ml

Instrument :
FID_D
ClientSampleId :



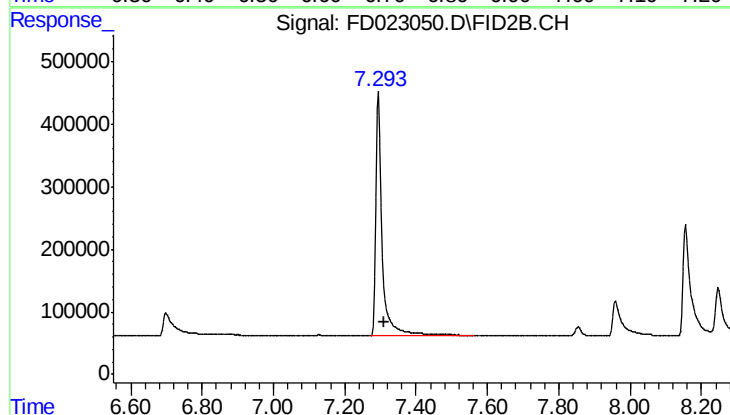
#2 Naphthalene (C11.7)

R.T.: 5.649 min
Delta R.T.: -0.004 min
Response: 737044
Conc: 5.39 ug/ml



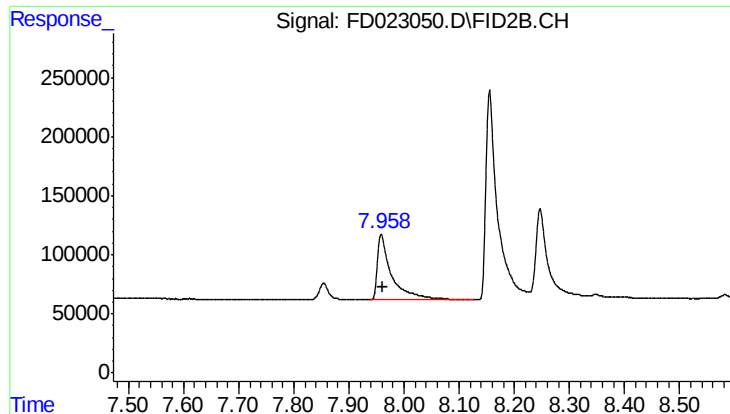
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 766154
Conc: 5.61 ug/ml



#4 2-Bromonaphthalene (SURR)

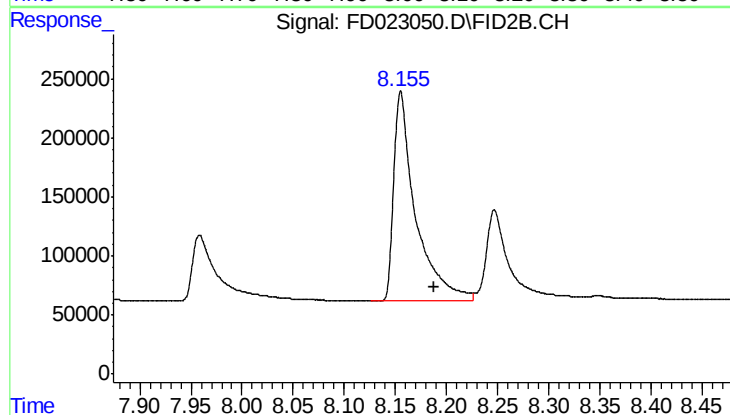
R.T.: 7.294 min
Delta R.T.: -0.016 min
Response: 4777229
Conc: 35.23 ug/ml



#5 Acenaphthylene (C15.06)

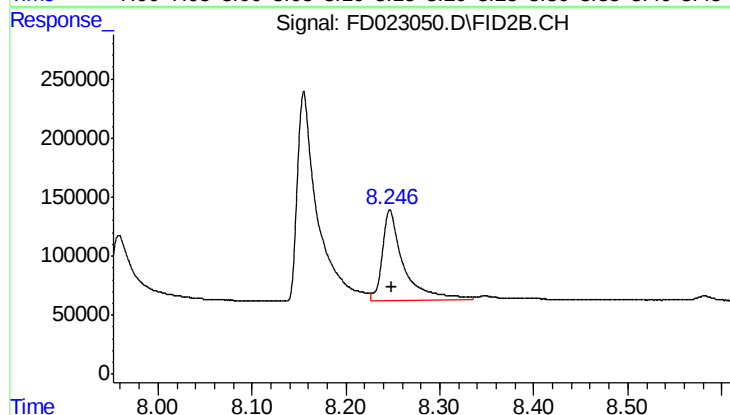
R.T.: 7.959 min
Delta R.T.: -0.004 min
Response: 991398
Conc: 6.78 ug/ml

Instrument :
FID_D
ClientSampleId :



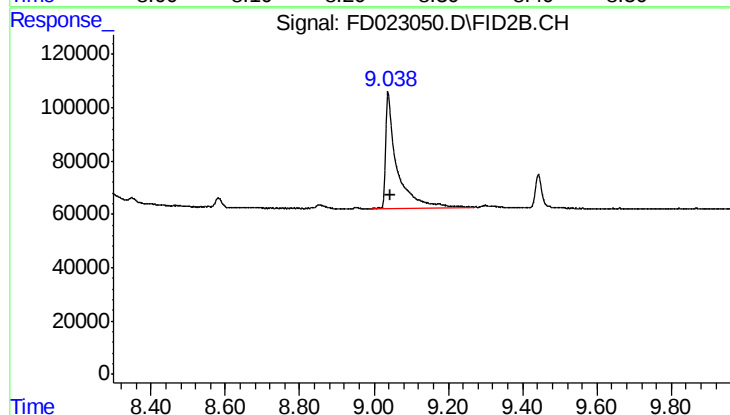
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.155 min
Delta R.T.: -0.033 min
Response: 2620132
Conc: 36.76 ug/ml



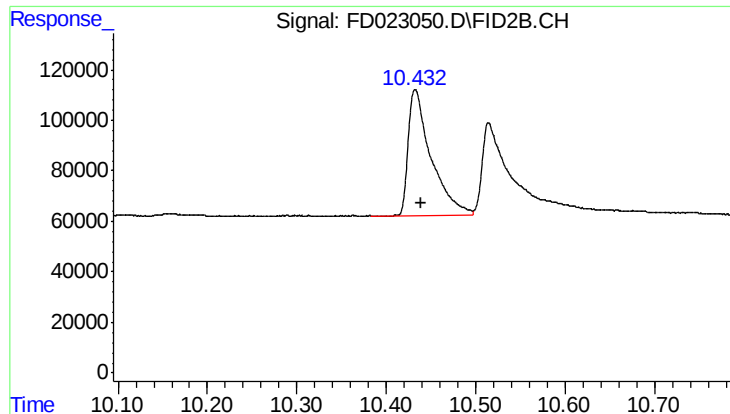
#7 Acenaphthene (C15.5)

R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 1208908
Conc: 7.16 ug/ml



#8 Fluorene (C16.55)

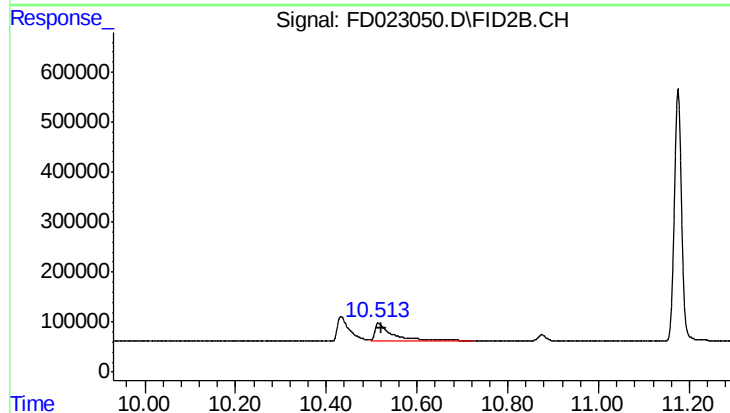
R.T.: 9.038 min
Delta R.T.: -0.006 min
Response: 916493
Conc: 6.40 ug/ml



#9 Phenanthrene (C19.36)

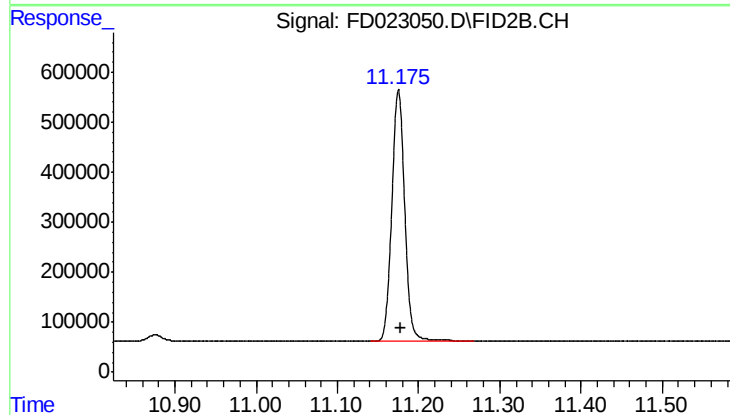
R.T.: 10.433 min
Delta R.T.: -0.007 min
Response: 886017
Conc: 6.68 ug/ml

Instrument :
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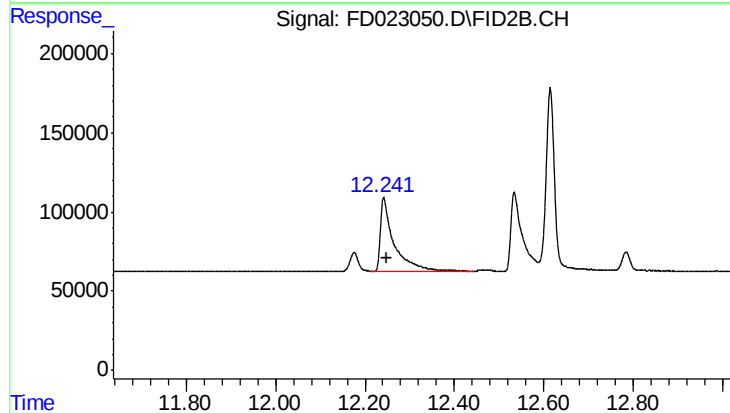
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.008 min
Response: 926940
Conc: 6.62 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.175 min
Delta R.T.: -0.002 min
Response: 5510517
Conc: 39.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.007 min
Response: 968728
Conc: 7.05 ug/ml