

Data Path : P:\HPCHEM1\FID_D\Data\FD041618AR\
 Data File : FD023062.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 10:41
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

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 4/19/2018 3:24:52 PM

Integration File: autoint1.e
 Quant Time: Apr 17 14:21:35 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...	7.291	2706292	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
6) S 2-Fluorobiphenyl (SURR)	8.151	1600200	22.453 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.91%
11) S ortho-Terphenyl (SURR)	11.172	2853369	20.409 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.102	2809782	20.157 ug/ml
2) T Naphthalene (C11.7)	5.631	2873407	20.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.680	2839632	20.802 ug/ml
5) T Acenaphthylene (C15.06)	7.945	2950625	20.188 ug/ml
7) T Acenaphthene (C15.5)	8.237	3190597	18.887 ug/ml
8) T Flouorene (C16.55)	9.020	2884009	20.140 ug/ml
9) T Phenanthrene (C19.36)	10.413	2762942	20.817 ug/ml
10) T Anthracene (C19.43)	10.490	2785366	19.907 ug/ml
12) T Fluoranthene (C21.85)	12.222	2863266	20.846 ug/ml
13) T Pyrene (C20.8)	12.516	2840045	20.120 ug/ml
14) T Benzo[a]anthracene (C...	14.395	2866811	23.076 ug/mlm
15) T Chrysene (C27.41)	14.438	3038076	19.623 ug/ml
16) T benzo[b]fluoranthene ...	15.953	2981267	22.116 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.986	3238636	19.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	3101584	21.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	2734225	21.070 ug/mlm
20) T Dibenz[a,h]anthracene...	17.744	3420301	20.562 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	3100718	20.920 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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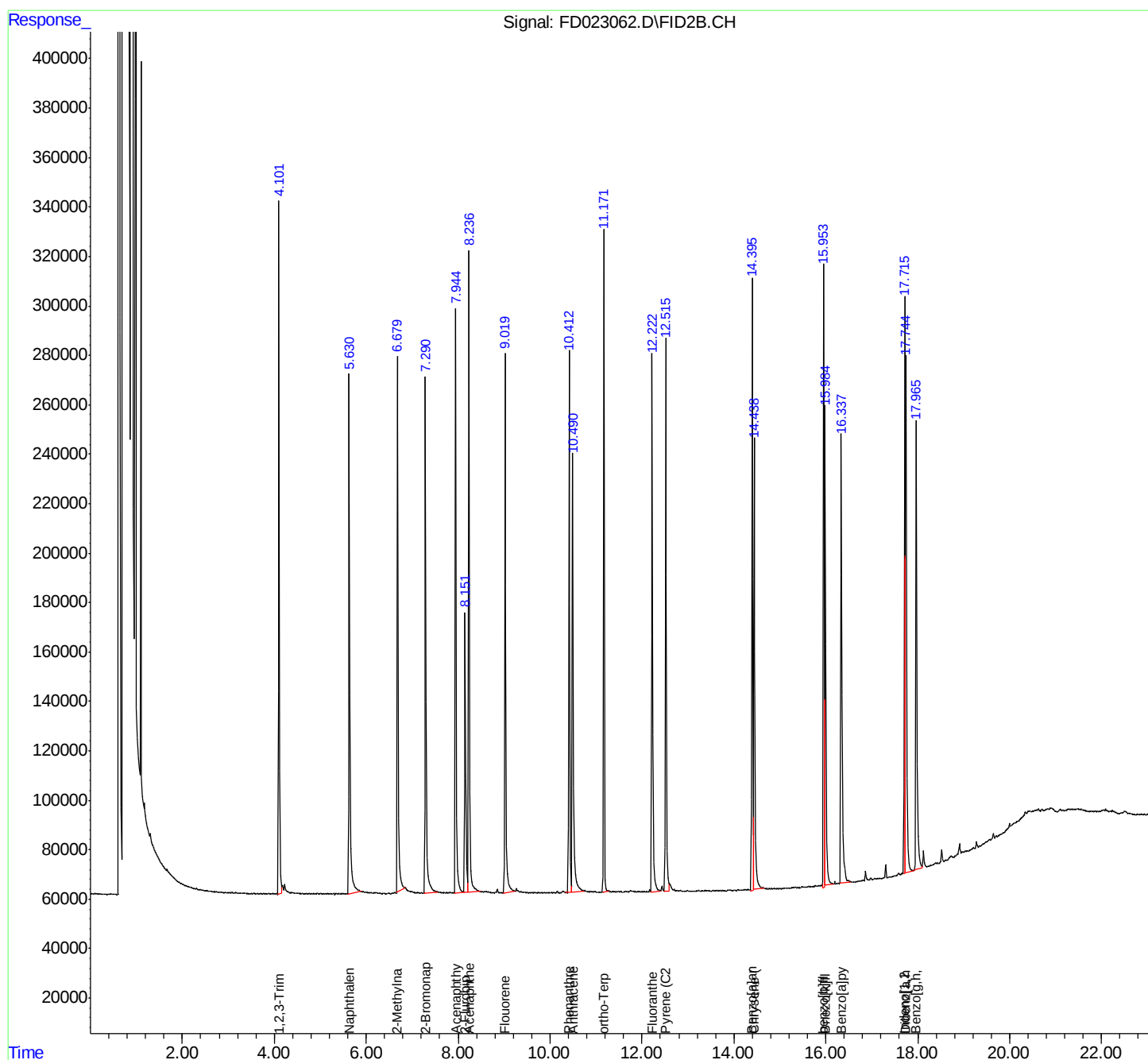
Instrument :
FID_D
ClientSampled :

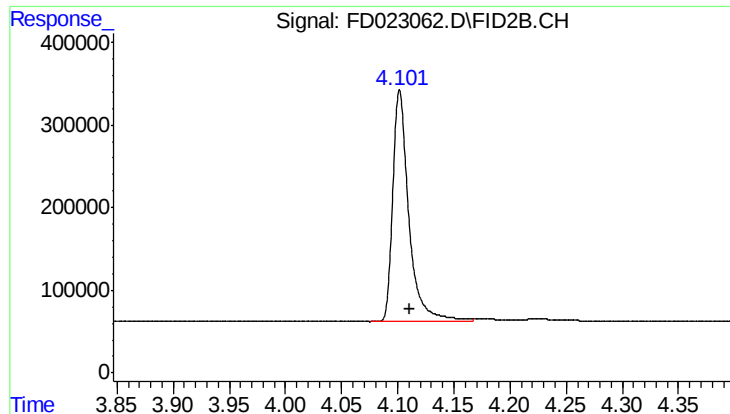
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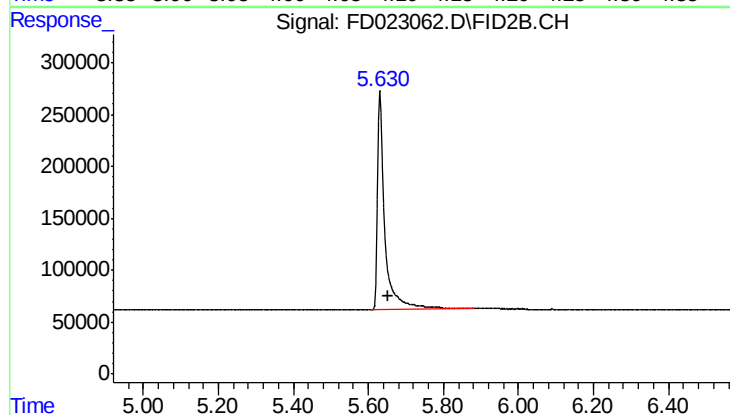
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.102 min
Delta R.T.: -0.009 min
Response: 2809782
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :

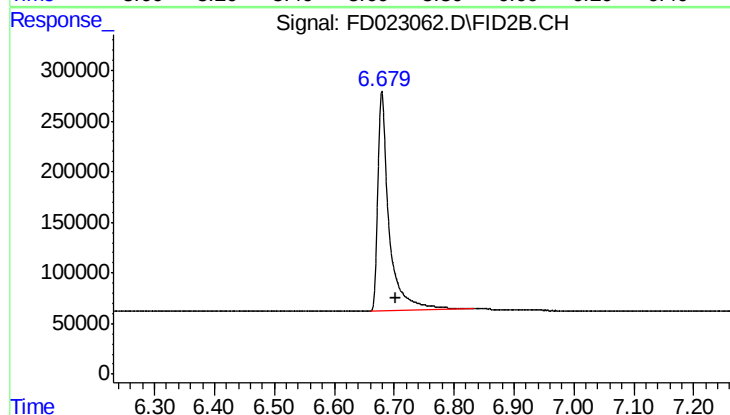
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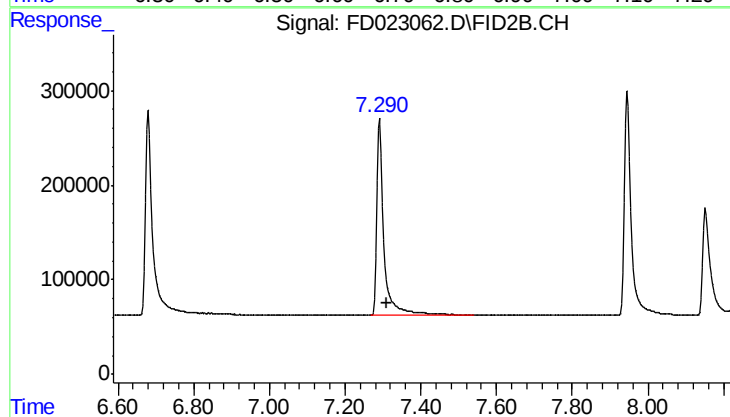
#2 Naphthalene (C11.7)

R.T.: 5.631 min
Delta R.T.: -0.022 min
Response: 2873407
Conc: 20.99 ug/ml



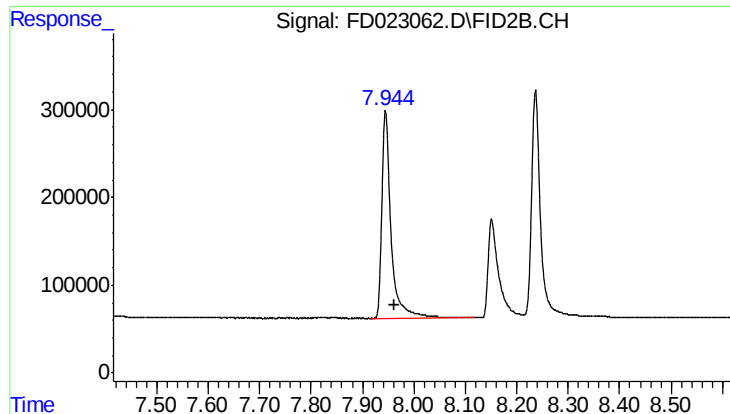
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.680 min
Delta R.T.: -0.023 min
Response: 2839632
Conc: 20.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.291 min
Delta R.T.: -0.019 min
Response: 2706292
Conc: 19.96 ug/ml



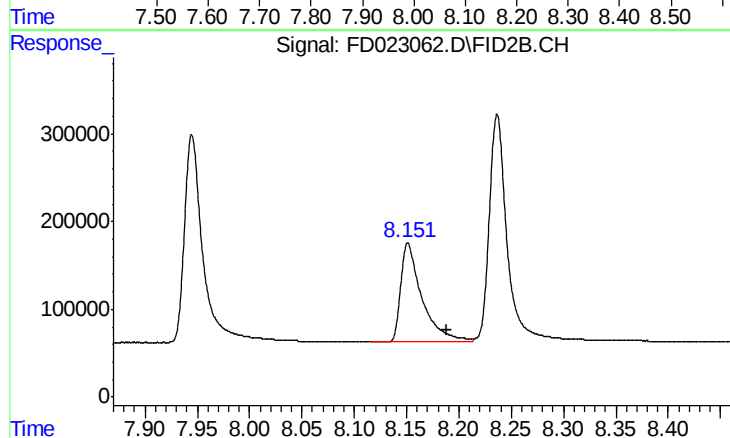
#5 Acenaphthylene (C15.06)

R.T.: 7.945 min
Delta R.T.: -0.018 min
Response: 2950625
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :

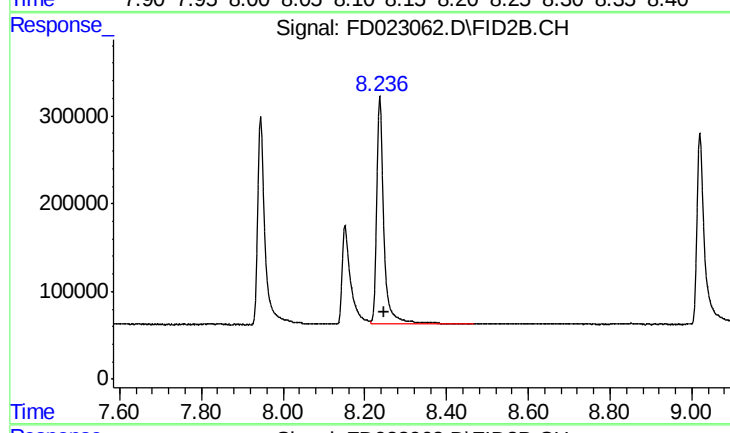
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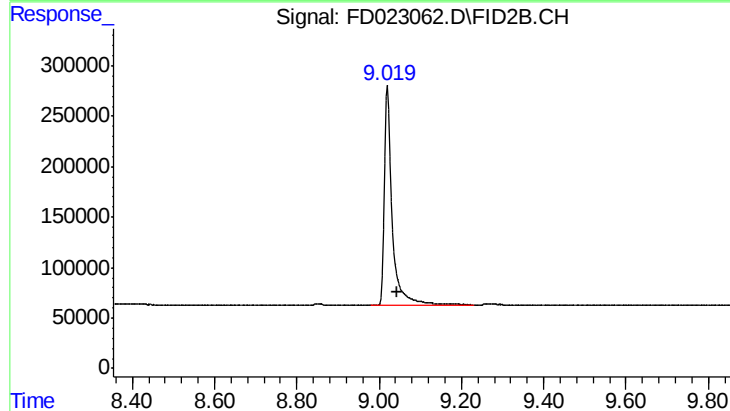
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.151 min
Delta R.T.: -0.037 min
Response: 1600200
Conc: 22.45 ug/ml



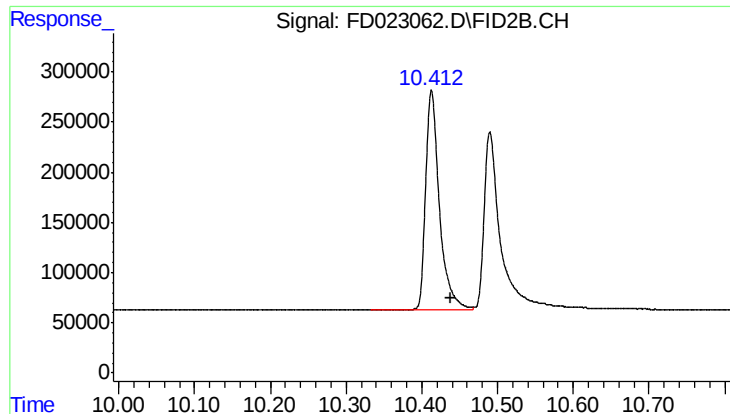
#7 Acenaphthene (C15.5)

R.T.: 8.237 min
Delta R.T.: -0.012 min
Response: 3190597
Conc: 18.89 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.020 min
Delta R.T.: -0.024 min
Response: 2884009
Conc: 20.14 ug/ml



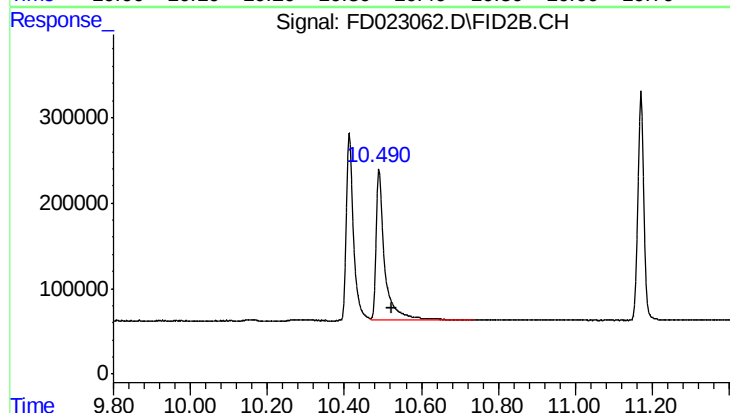
#9 Phenanthrene (C19.36)

R.T.: 10.413 min
Delta R.T.: -0.026 min
Response: 2762942
Conc: 20.82 ug/ml

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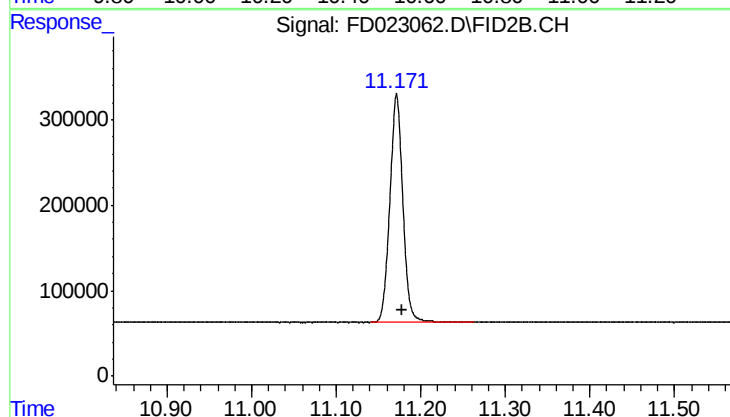
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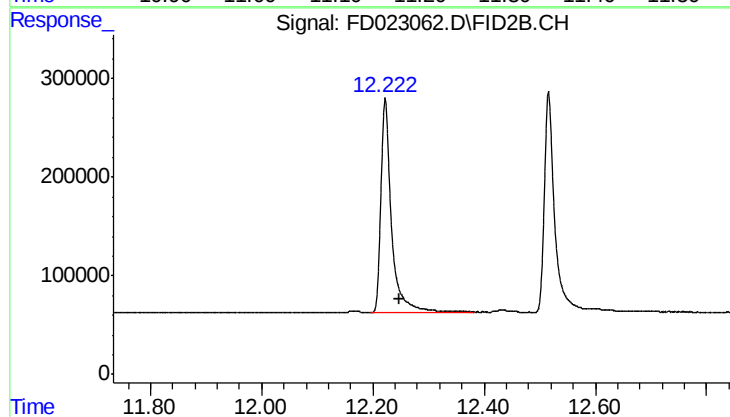
#10 Anthracene (C19.43)

R.T.: 10.490 min
Delta R.T.: -0.033 min
Response: 2785366
Conc: 19.91 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.172 min
Delta R.T.: -0.006 min
Response: 2853369
Conc: 20.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.222 min
Delta R.T.: -0.027 min
Response: 2863266
Conc: 20.85 ug/ml