

Data Path : P:\HPCHEM1\FID_D\Data\FD041618AR\
 Data File : FD023046.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 1:03
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 4/19/2018 3:25:08 PM

Integration File: autoint1.e
 Quant Time: Apr 17 11:33:31 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...	7.297	2654110	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
6) S 2-Fluorobiphenyl (SURR)	8.161	1483892	20.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.64%
11) S ortho-Terphenyl (SURR)	11.175	2748111	19.657 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.105	2683503	19.251 ug/ml
2) T Naphthalene (C11.7)	5.637	2758739	20.156 ug/ml
3) T 2-Methylnaphthalene (...)	6.686	2720733	19.931 ug/ml
5) T Acenaphthylene (C15.06)	7.951	2876756	19.682 ug/ml
7) T Acenaphthene (C15.5)	8.243	3181867	18.835 ug/ml
8) T Flouorene (C16.55)	9.027	2784273	19.443 ug/ml
9) T Phenanthrene (C19.36)	10.419	2672331	20.134 ug/ml
10) T Anthracene (C19.43)	10.499	2682589	19.172 ug/ml
12) T Fluoranthene (C21.85)	12.231	2698349	19.645 ug/ml
13) T Pyrene (C20.8)	12.524	2738012	19.397 ug/ml
14) T Benzo[a]anthracene (C...	14.403	2530448	20.368 ug/ml
15) T Chrysene (C27.41)	14.448	2956261	19.095 ug/ml
16) T benzo[b]fluoranthene ...	15.959	2730782	20.258 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.992	3244926	19.665 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	2892454	20.064 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	2677681	20.634 ug/mlm
20) T Dibenz[a,h]anthracene...	17.751	3377959	20.307 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	2959852	19.970 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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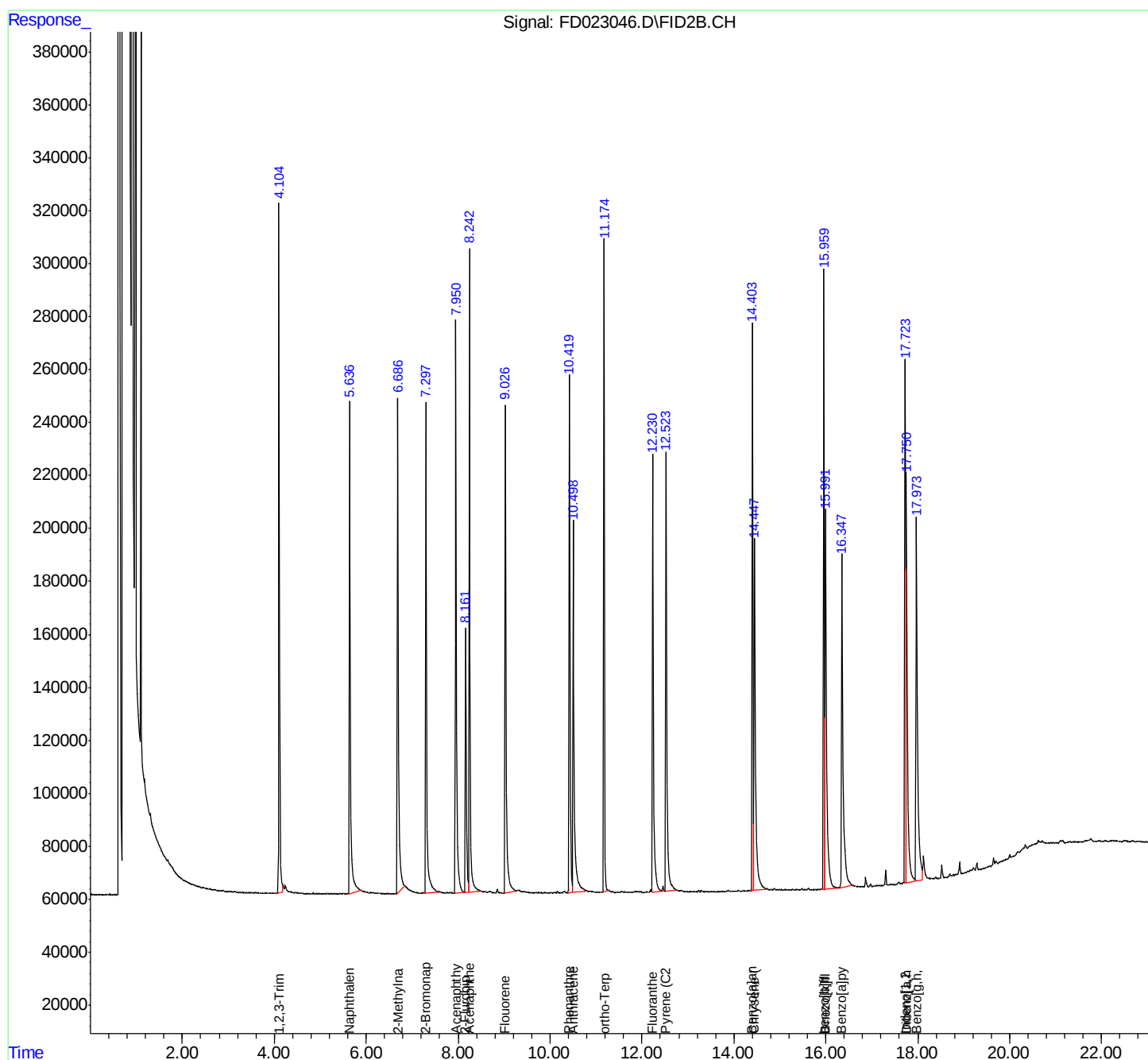
Instrument :
FID_D
ClientSampled :

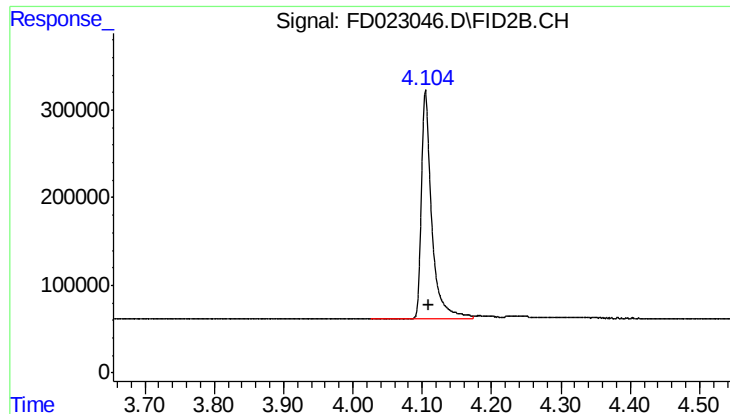
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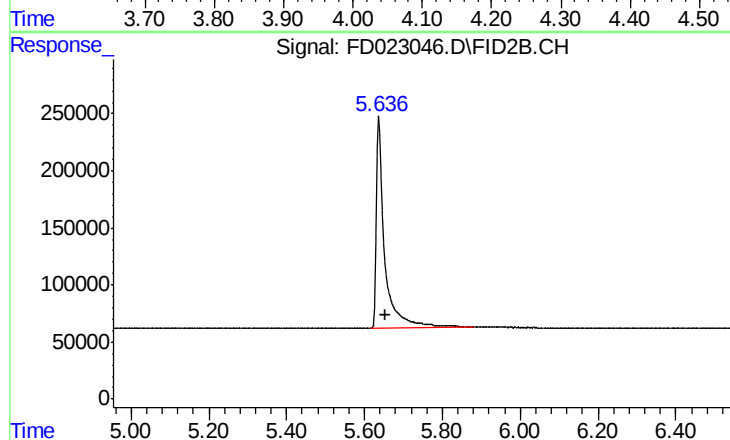
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.105 min
Delta R.T.: -0.006 min
Response: 2683503
Conc: 19.25 ug/ml

Instrument :
FID_D
ClientSampleId :

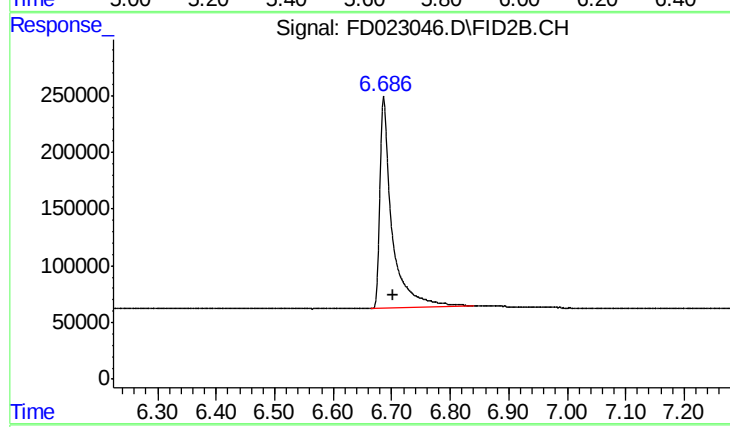
Manual Integrations
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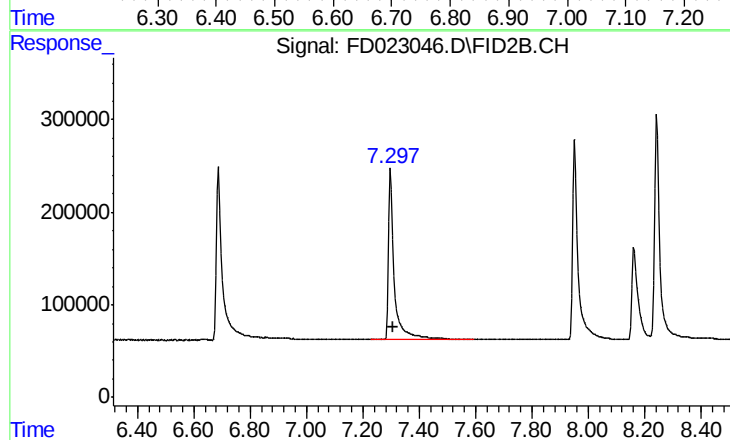
#2 Naphthalene (C11.7)

R.T.: 5.637 min
Delta R.T.: -0.016 min
Response: 2758739
Conc: 20.16 ug/ml



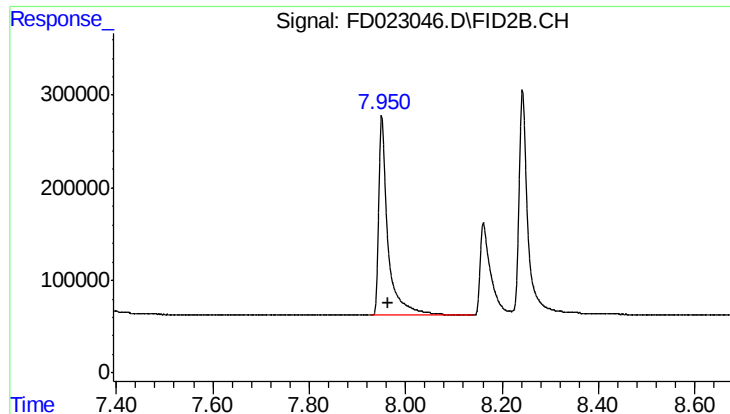
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.686 min
Delta R.T.: -0.016 min
Response: 2720733
Conc: 19.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.297 min
Delta R.T.: -0.012 min
Response: 2654110
Conc: 19.57 ug/ml



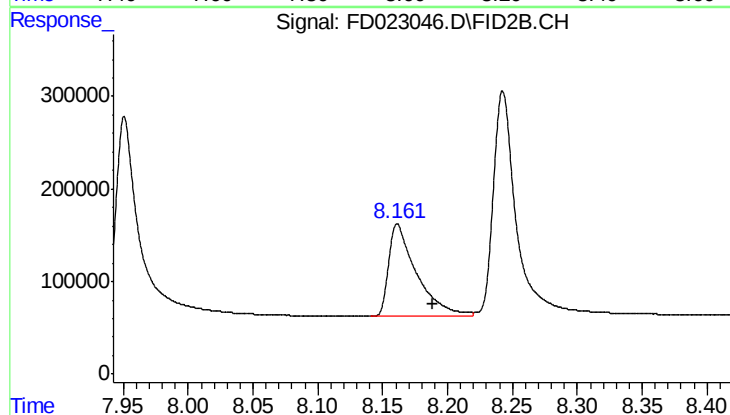
#5 Acenaphthylene (C15.06)

R.T.: 7.951 min
Delta R.T.: -0.012 min
Response: 2876756
Conc: 19.68 ug/ml

Instrument :
FID_D
ClientSampleId :

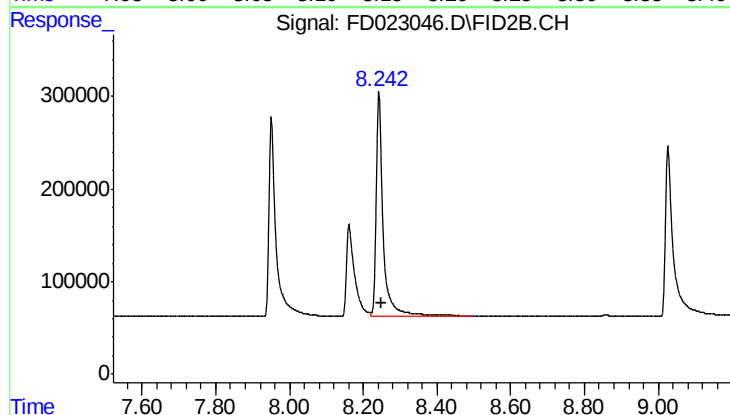
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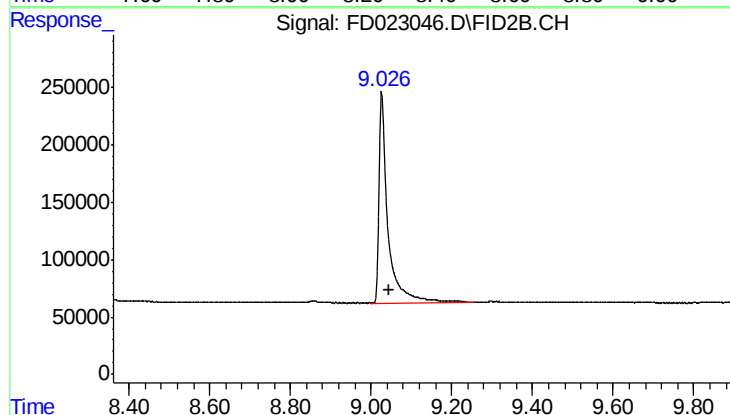
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.161 min
Delta R.T.: -0.027 min
Response: 1483892
Conc: 20.82 ug/ml



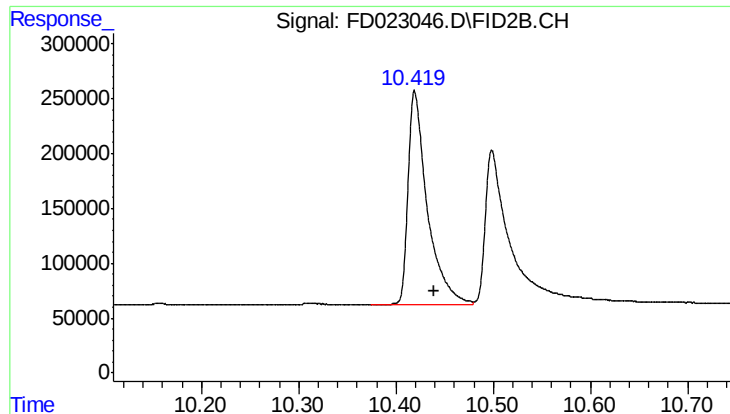
#7 Acenaphthene (C15.5)

R.T.: 8.243 min
Delta R.T.: -0.006 min
Response: 3181867
Conc: 18.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.027 min
Delta R.T.: -0.017 min
Response: 2784273
Conc: 19.44 ug/ml



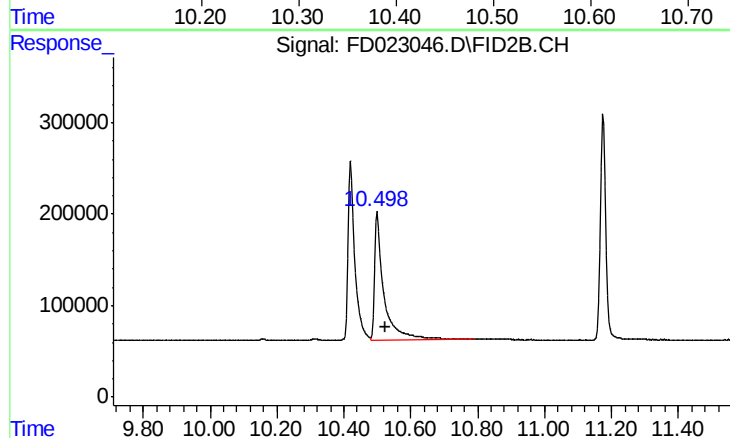
#9 Phenanthrene (C19.36)

R.T.: 10.419 min
Delta R.T.: -0.020 min
Response: 2672331
Conc: 20.13 ug/ml

Instrument :
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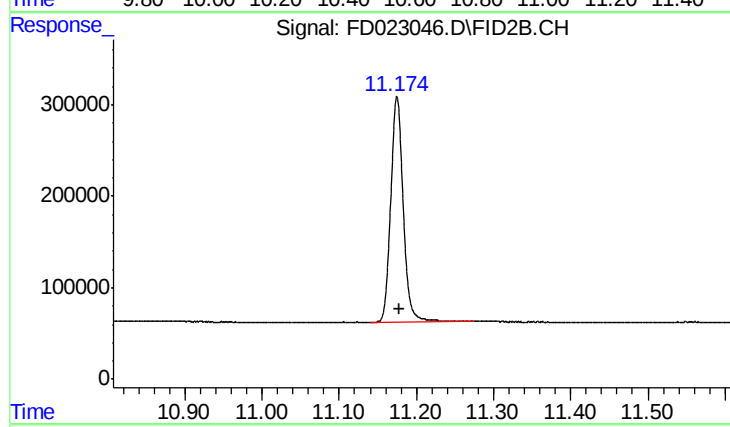
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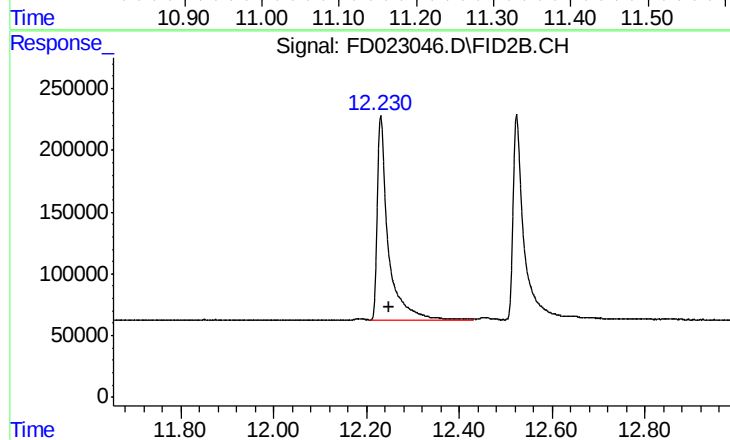
#10 Anthracene (C19.43)

R.T.: 10.499 min
Delta R.T.: -0.024 min
Response: 2682589
Conc: 19.17 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.175 min
Delta R.T.: -0.003 min
Response: 2748111
Conc: 19.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.231 min
Delta R.T.: -0.018 min
Response: 2698349
Conc: 19.64 ug/ml