

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011322AR\
 Data File : FD040588.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2022 10:03
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 13 10:30:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

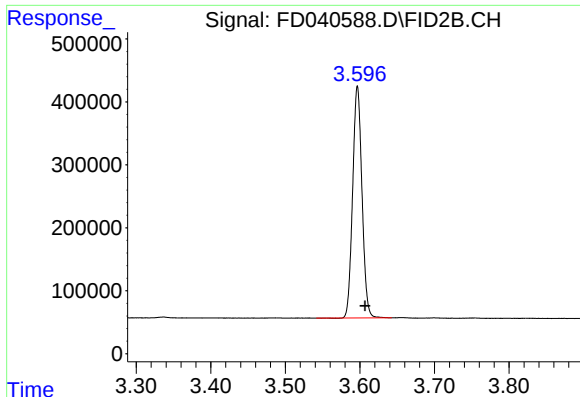
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.738	2880809	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
6) S 2-Fluorobiphenyl (SURR)	7.587	1906268	20.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.04%
11) S ortho-Terphenyl (SURR)	10.622	3134327	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.597	3207448	20.736 ug/ml
2) T Naphthalene (C11.7)	5.088	3344429	20.896 ug/ml
3) T 2-Methylnaphthalene (...)	6.128	3327423	20.499 ug/ml
5) T Acenaphthylene (C15.06)	7.391	3193823	21.247 ug/ml
7) T Acenaphthene (C15.5)	7.685	3460962	21.472 ug/ml
8) T Fluorene (C16.55)	8.461	3084019	19.842 ug/ml
9) T Phenanthrene (C19.36)	9.848	2983543	19.393 ug/ml
10) T Anthracene (C19.43)	9.922	2692699	18.431 ug/ml
12) T Fluoranthene (C21.85)	11.650	2979274	19.187 ug/ml
13) T Pyrene (C20.8)	11.944	3076951	20.385 ug/ml
14) T Benzo[a]anthracene (C...	13.811	2776877	20.932 ug/ml
15) T Chrysene (C27.41)	13.853	2905839	19.871 ug/ml
16) T benzo[b]fluoranthene ...	15.356	2824381	20.670 ug/ml
17) T Bnezo[k]fluoranthene ...	15.388	2957111	21.363 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.730	2713831	20.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.092	2727099	22.380 ug/ml
20) T Dibenz[a,h]anthracene...	17.135	2895529	23.804 ug/ml
21) T Benzo[g,h,i]perylene ...	17.344	2676113	20.841 ug/ml

(f)=RT Delta > 1/2 Window

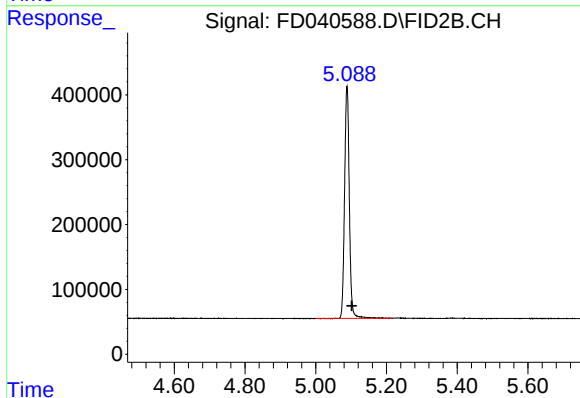
(m)=manual int.



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

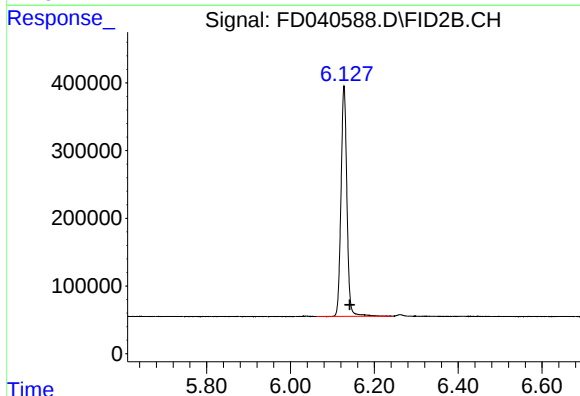
R.T.: 3.597 min
Delta R.T.: -0.010 min
Response: 3207448
Conc: 20.74 ug/ml

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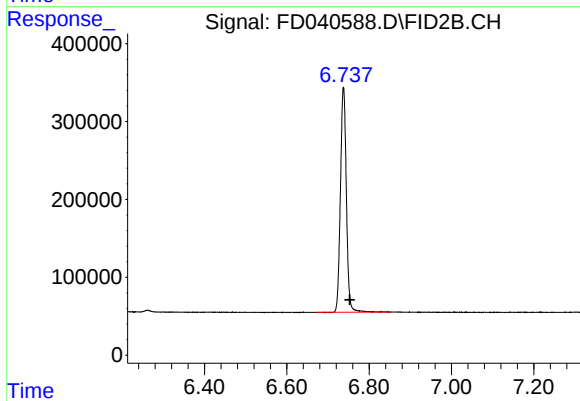
#2 Naphthalene (C11.7)

R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 3344429
Conc: 20.90 ug/ml



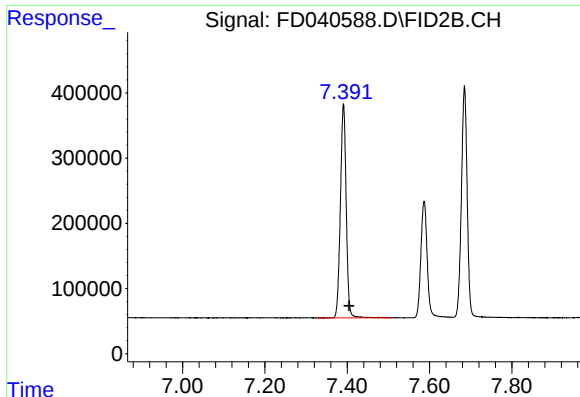
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.128 min
Delta R.T.: -0.014 min
Response: 3327423
Conc: 20.50 ug/ml



#4 2-Bromonaphthalene (SURR)

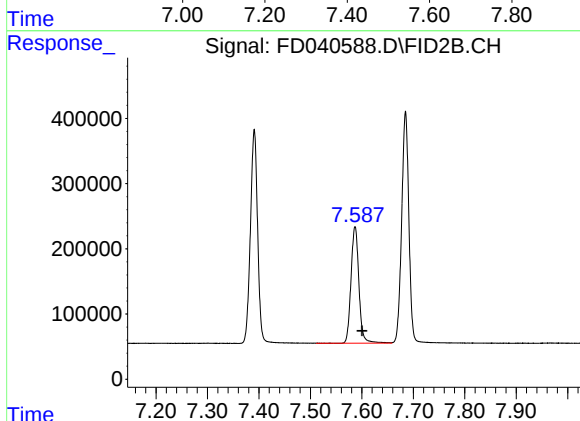
R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 2880809
Conc: 20.14 ug/ml



#5 Acenaphthylene (C15.06)

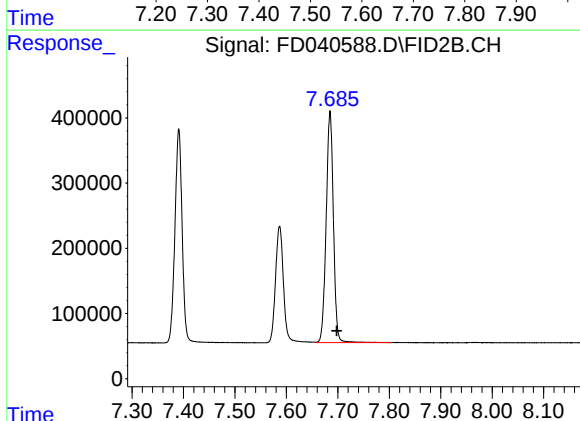
R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 3193823
Conc: 21.25 ug/ml

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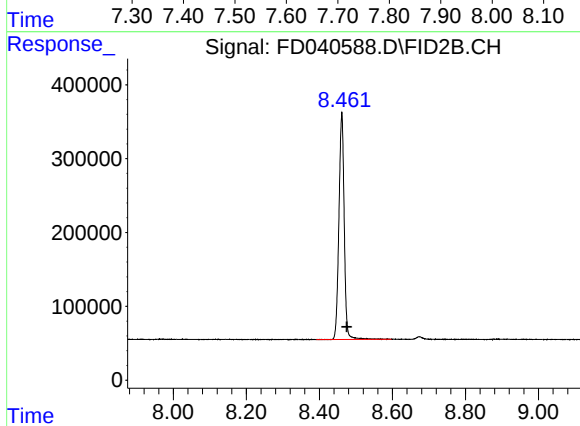
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.587 min
Delta R.T.: -0.014 min
Response: 1906268
Conc: 20.02 ug/ml



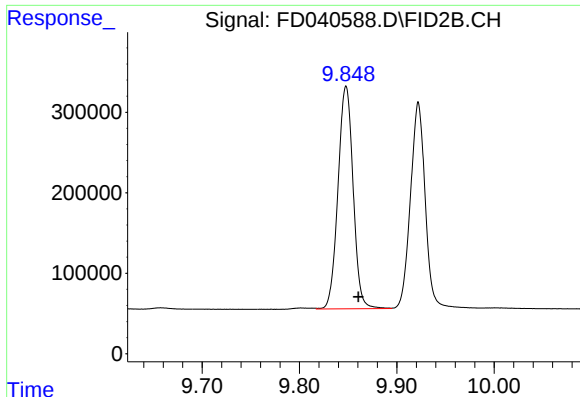
#7 Acenaphthene (C15.5)

R.T.: 7.685 min
Delta R.T.: -0.013 min
Response: 3460962
Conc: 21.47 ug/ml



#8 Fluorene (C16.55)

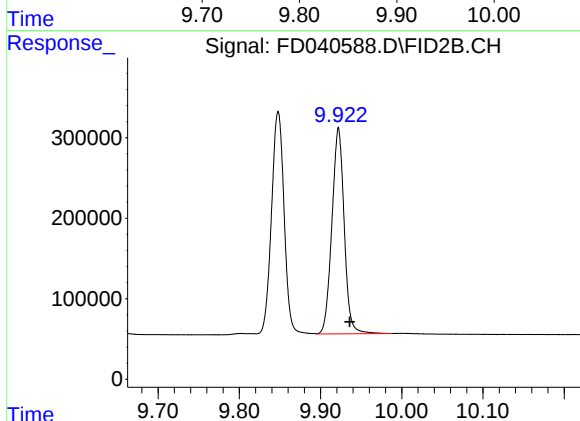
R.T.: 8.461 min
Delta R.T.: -0.014 min
Response: 3084019
Conc: 19.84 ug/ml



#9 Phenanthrene (C19.36)

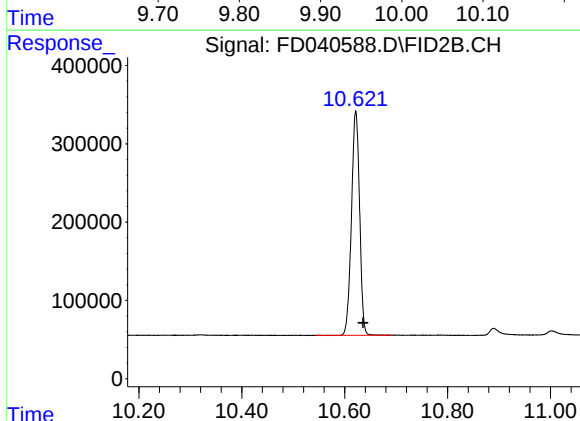
R.T.: 9.848 min
Delta R.T.: -0.013 min
Response: 2983543
Conc: 19.39 ug/ml

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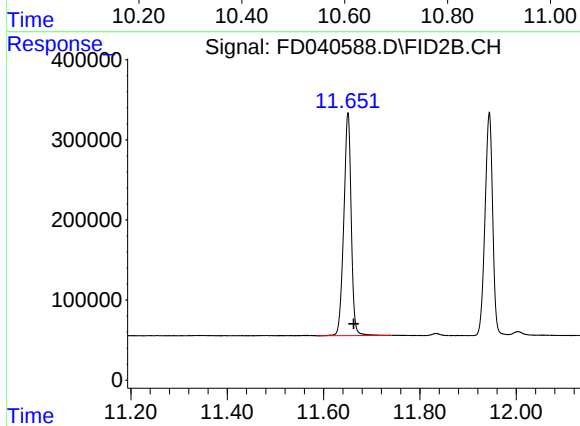
#10 Anthracene (C19.43)

R.T.: 9.922 min
Delta R.T.: -0.014 min
Response: 2692699
Conc: 18.43 ug/ml



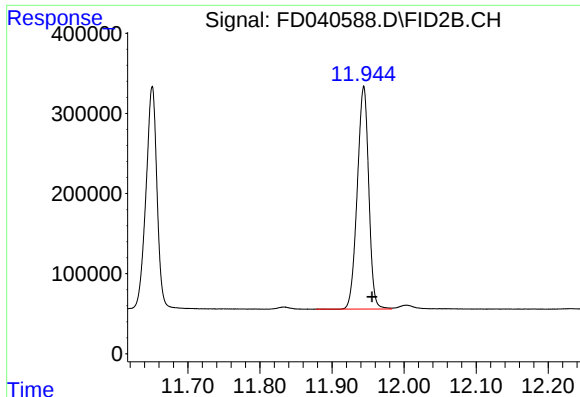
#11 ortho-Terphenyl (SURR)

R.T.: 10.622 min
Delta R.T.: -0.014 min
Response: 3134327
Conc: 20.06 ug/ml



#12 Fluoranthene (C21.85)

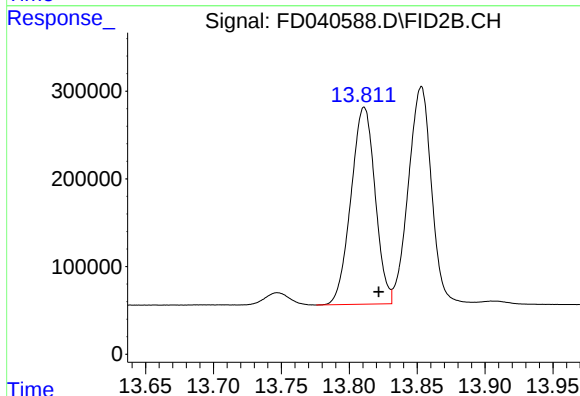
R.T.: 11.650 min
Delta R.T.: -0.012 min
Response: 2979274
Conc: 19.19 ug/ml



#13 Pyrene (C20.8)

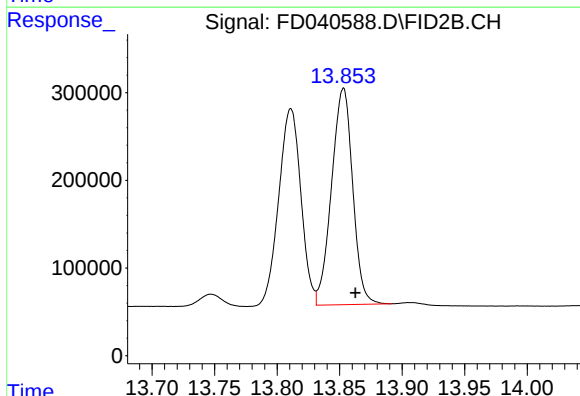
R.T.: 11.944 min
Delta R.T.: -0.012 min
Response: 3076951
Conc: 20.38 ug/ml

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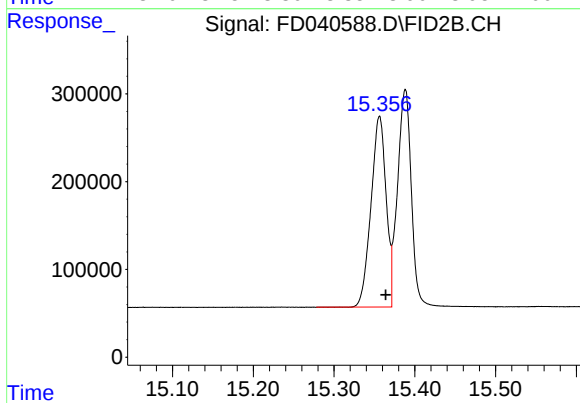
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.811 min
Delta R.T.: -0.011 min
Response: 2776877
Conc: 20.93 ug/ml



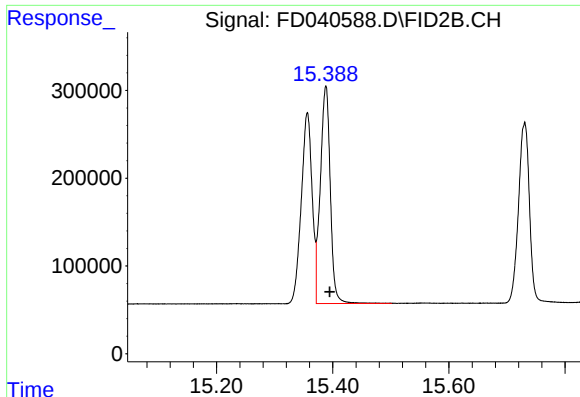
#15 Chrysene (C27.41)

R.T.: 13.853 min
Delta R.T.: -0.010 min
Response: 2905839
Conc: 19.87 ug/ml



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

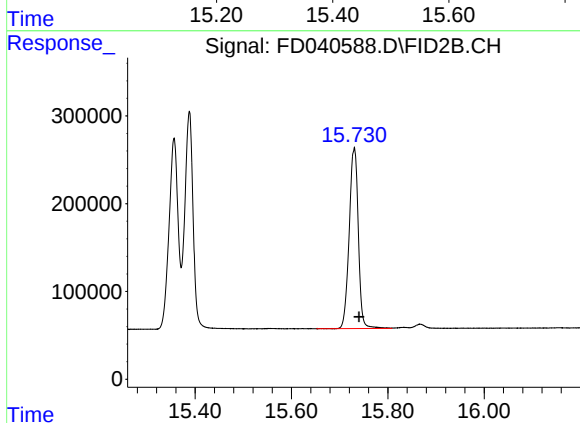
R.T.: 15.356 min
Delta R.T.: -0.008 min
Response: 2824381
Conc: 20.67 ug/ml



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

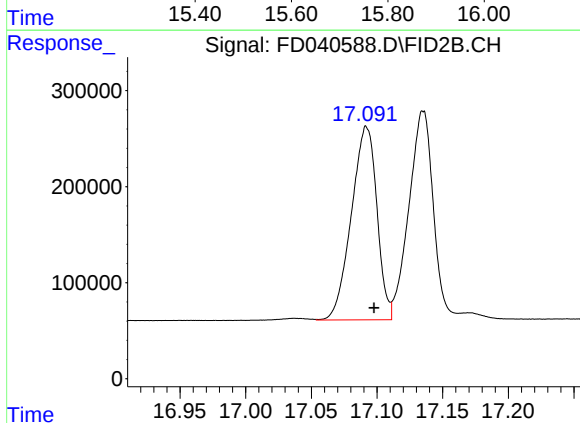
R.T.: 15.388 min
Delta R.T.: -0.007 min
Response: 2957111
Conc: 21.36 ug/ml

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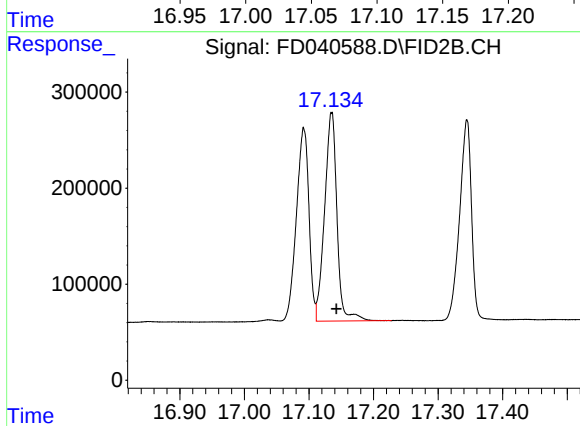
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.730 min
Delta R.T.: -0.010 min
Response: 2713831
Conc: 20.82 ug/ml



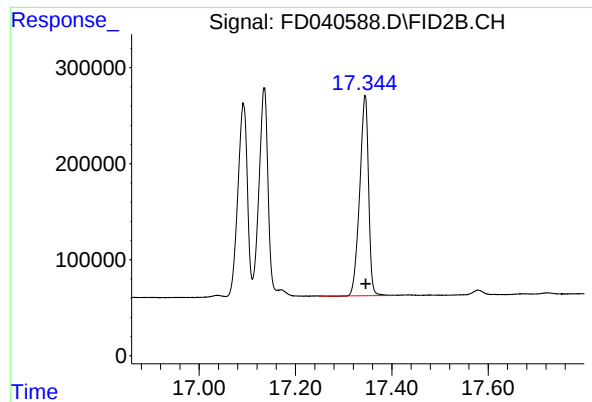
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.092 min
Delta R.T.: -0.006 min
Response: 2727099
Conc: 22.38 ug/ml



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

R.T.: 17.135 min
Delta R.T.: -0.008 min
Response: 2895529
Conc: 23.80 ug/ml



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

R.T.: 17.344 min
Delta R.T.: -0.002 min
Response: 2676113
Conc: 20.84 ug/ml

Instrument :

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