

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011322AR\
 Data File : FD040594.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2022 14:03
 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 14:28:45 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

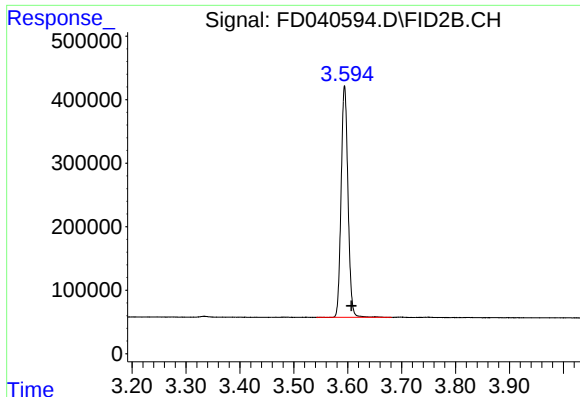
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.735	2879977	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
6) S 2-Fluorobiphenyl (SURR)	7.584	1900362	19.957 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.91%
11) S ortho-Terphenyl (SURR)	10.619	3120379	19.967 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.594	3218303	20.806 ug/ml
2) T Naphthalene (C11.7)	5.086	3320140	20.745 ug/ml
3) T 2-Methylnaphthalene (...)	6.126	3307532	20.376 ug/ml
5) T Acenaphthylene (C15.06)	7.388	3178044	21.142 ug/ml
7) T Acenaphthene (C15.5)	7.682	3458045	21.454 ug/ml
8) T Fluorene (C16.55)	8.458	3062452	19.703 ug/ml
9) T Phenanthrene (C19.36)	9.845	2998845	19.493 ug/ml
10) T Anthracene (C19.43)	9.919	2737438	18.737 ug/ml
12) T Fluoranthene (C21.85)	11.648	2950348	19.001 ug/ml
13) T Pyrene (C20.8)	11.941	3027893	20.060 ug/ml
14) T Benzo[a]anthracene (C...	13.809	2724962	20.541 ug/ml
15) T Chrysene (C27.41)	13.851	2861272	19.566 ug/ml
16) T benzo[b]fluoranthene ...	15.353	2783711	20.372 ug/ml
17) T Bnezo[k]fluoranthene ...	15.385	2911024	21.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.727	2666381	20.455 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.089	2673898	21.943 ug/ml
20) T Dibenz[a,h]anthracene...	17.132	2754299	22.643 ug/ml
21) T Benzo[g,h,i]perylene ...	17.341	2619733	20.402 ug/ml

(f)=RT Delta > 1/2 Window

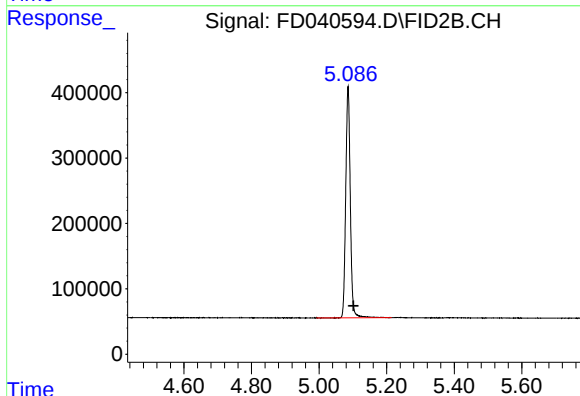
(m)=manual int.



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

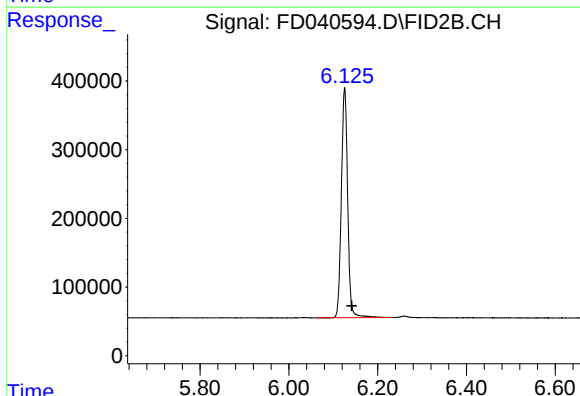
R.T.: 3.594 min
Delta R.T.: -0.013 min
Response: 3218303
Conc: 20.81 ug/ml

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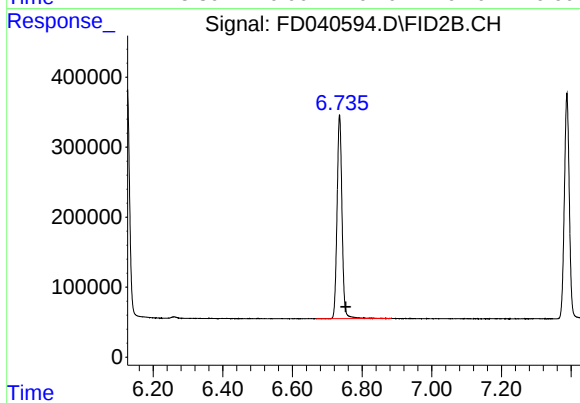
#2 Naphthalene (C11.7)

R.T.: 5.086 min
Delta R.T.: -0.016 min
Response: 3320140
Conc: 20.74 ug/ml



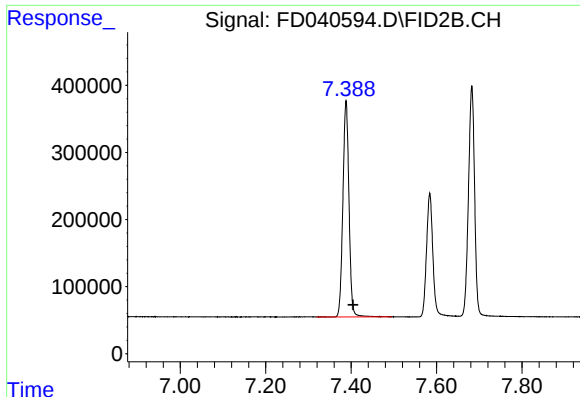
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.126 min
Delta R.T.: -0.016 min
Response: 3307532
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

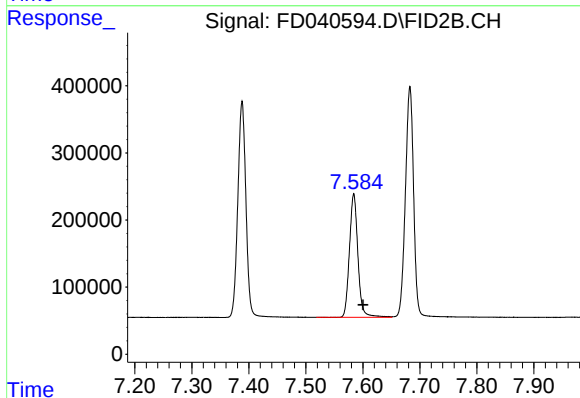
R.T.: 6.735 min
Delta R.T.: -0.018 min
Response: 2879977
Conc: 20.14 ug/ml



#5 Acenaphthylene (C15.06)

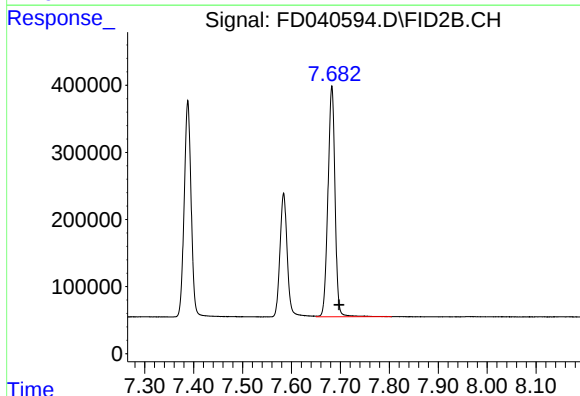
R.T.: 7.388 min
Delta R.T.: -0.016 min
Response: 3178044
Conc: 21.14 ug/ml

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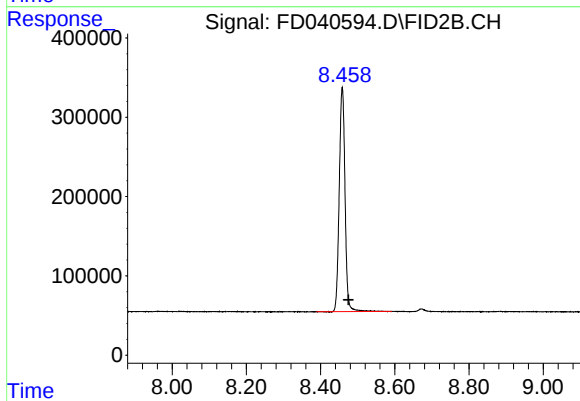
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.584 min
Delta R.T.: -0.017 min
Response: 1900362
Conc: 19.96 ug/ml



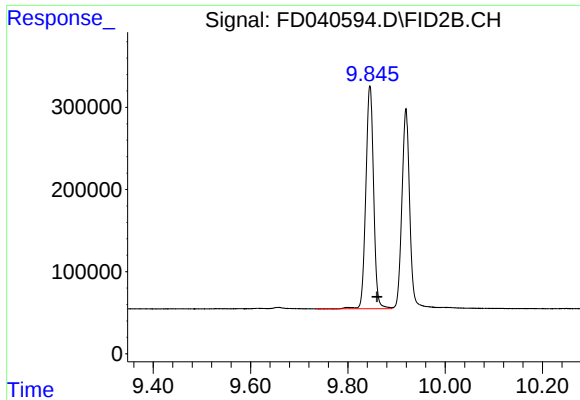
#7 Acenaphthene (C15.5)

R.T.: 7.682 min
Delta R.T.: -0.015 min
Response: 3458045
Conc: 21.45 ug/ml



#8 Flouorene (C16.55)

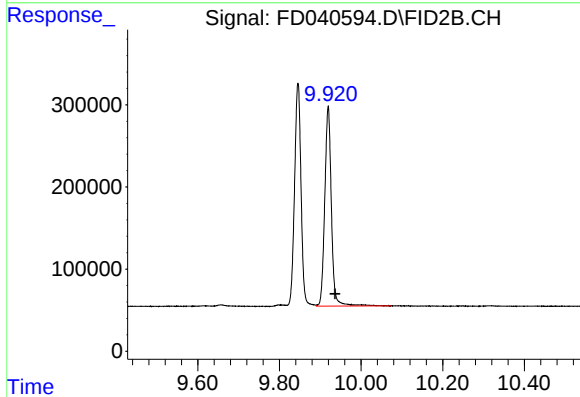
R.T.: 8.458 min
Delta R.T.: -0.016 min
Response: 3062452
Conc: 19.70 ug/ml



#9 Phenanthrene (C19.36)

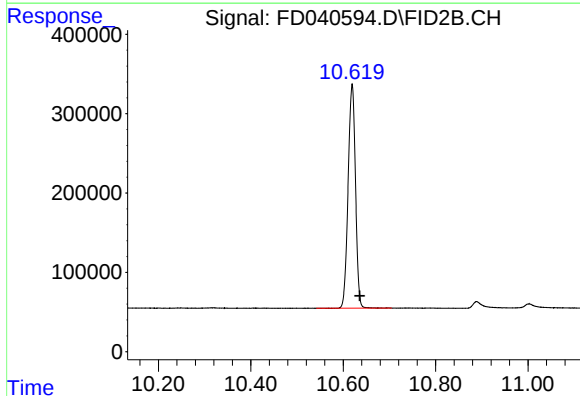
R.T.: 9.845 min
Delta R.T.: -0.015 min
Response: 2998845
Conc: 19.49 ug/ml

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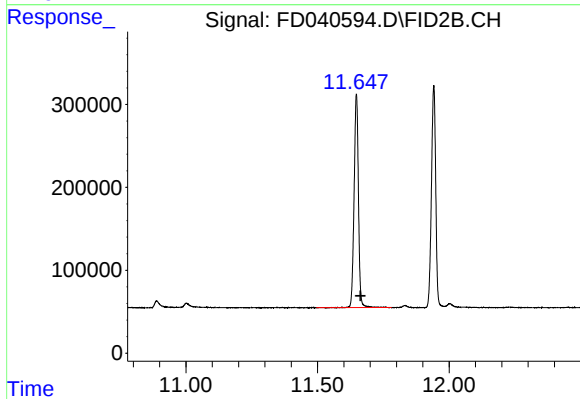
#10 Anthracene (C19.43)

R.T.: 9.919 min
Delta R.T.: -0.017 min
Response: 2737438
Conc: 18.74 ug/ml



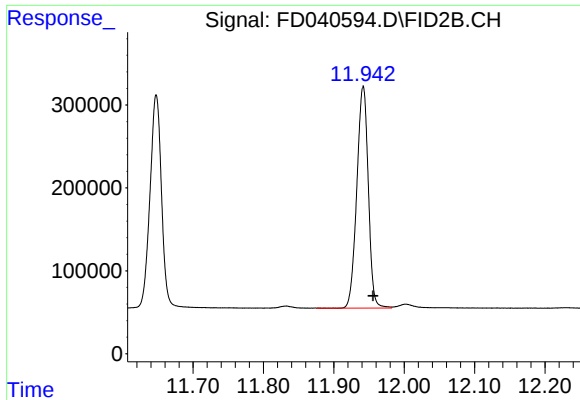
#11 ortho-Terphenyl (SURR)

R.T.: 10.619 min
Delta R.T.: -0.017 min
Response: 3120379
Conc: 19.97 ug/ml



#12 Fluoranthene (C21.85)

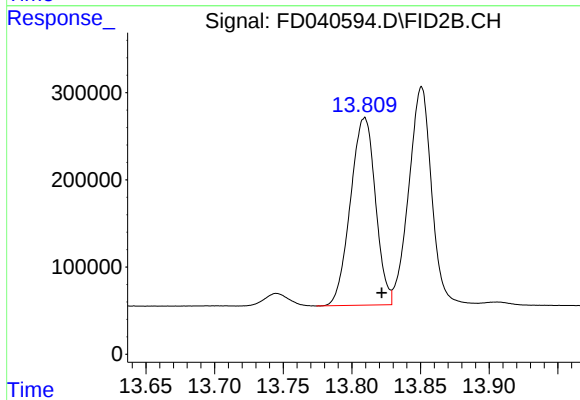
R.T.: 11.648 min
Delta R.T.: -0.015 min
Response: 2950348
Conc: 19.00 ug/ml



#13 Pyrene (C20.8)

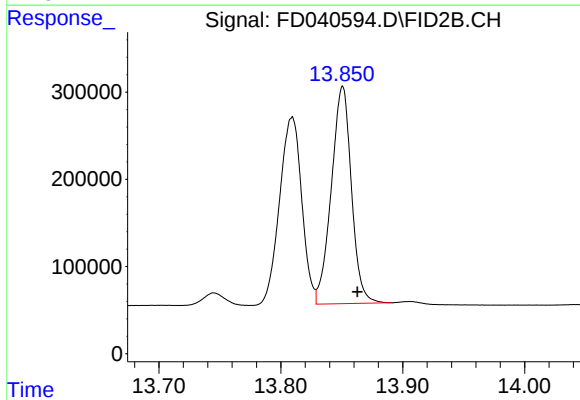
R.T.: 11.941 min
Delta R.T.: -0.014 min
Response: 3027893
Conc: 20.06 ug/ml

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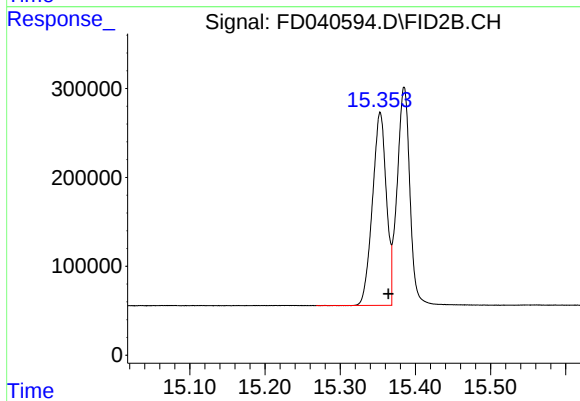
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.809 min
Delta R.T.: -0.013 min
Response: 2724962
Conc: 20.54 ug/ml



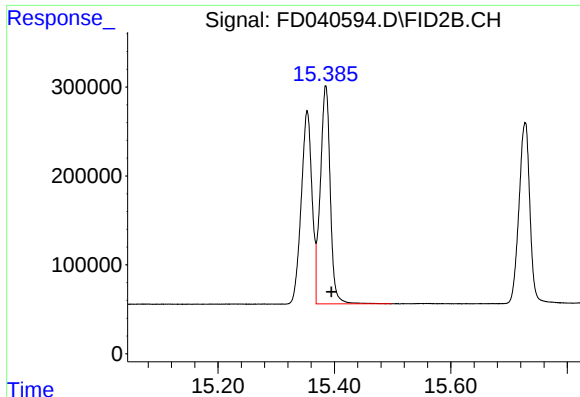
#15 Chrysene (C27.41)

R.T.: 13.851 min
Delta R.T.: -0.012 min
Response: 2861272
Conc: 19.57 ug/ml



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

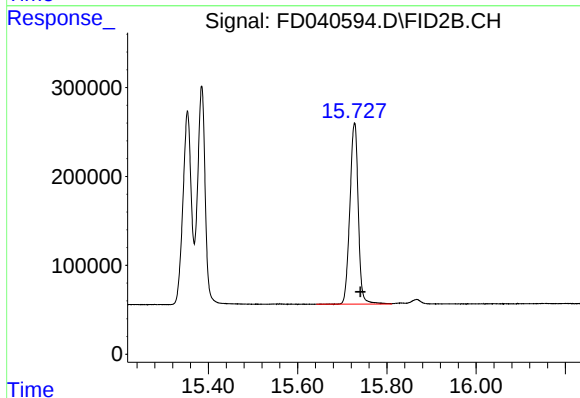
R.T.: 15.353 min
Delta R.T.: -0.011 min
Response: 2783711
Conc: 20.37 ug/ml



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

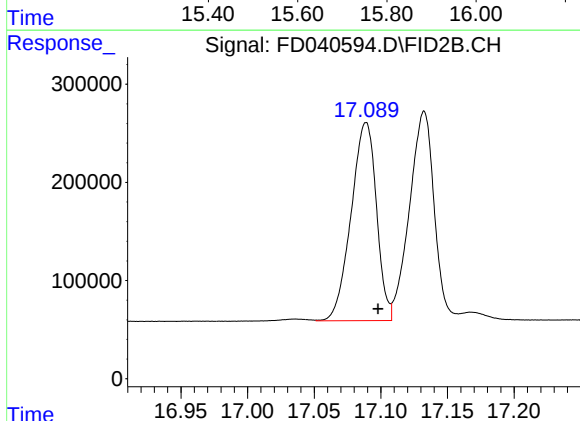
R.T.: 15.385 min
Delta R.T.: -0.010 min
Response: 2911024
Conc: 21.03 ug/ml

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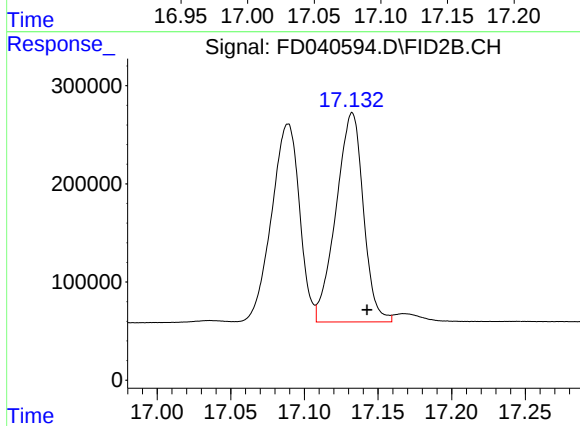
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.727 min
Delta R.T.: -0.013 min
Response: 2666381
Conc: 20.46 ug/ml



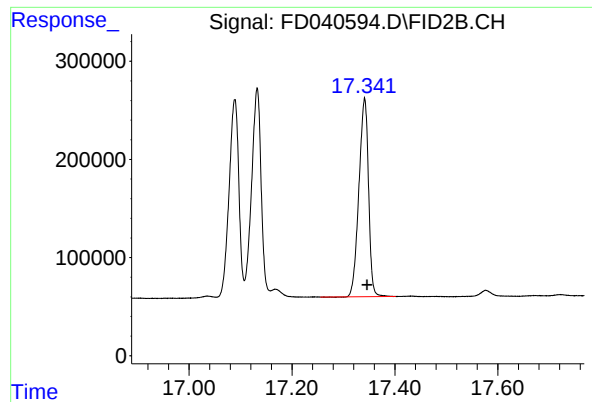
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.089 min
Delta R.T.: -0.009 min
Response: 2673898
Conc: 21.94 ug/ml



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

R.T.: 17.132 min
Delta R.T.: -0.010 min
Response: 2754299
Conc: 22.64 ug/ml



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

R.T.: 17.341 min
Delta R.T.: -0.005 min
Response: 2619733
Conc: 20.40 ug/ml

Instrument :

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