

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044331.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 13:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 30 01:42:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

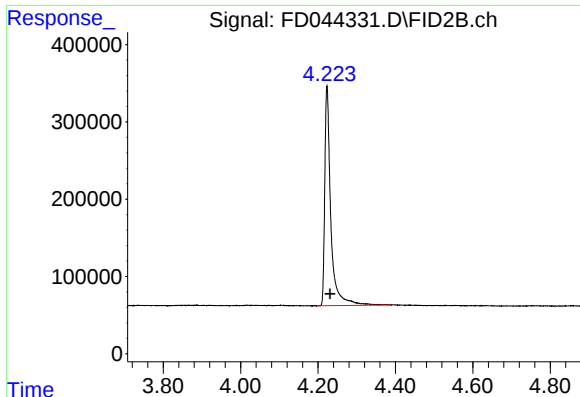
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.415	2686799	21.640 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
6) S 2-Fluorobiphenyl (SURR)	8.278	1385214	18.396 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.79%
11) S ortho-Terphenyl (SURR)	11.291	3702104	21.872 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	3100397	21.965 ug/ml
2) T Naphthalene (C11.7)	5.758	3003754	21.910 ug/ml
3) T 2-Methylnaphthalene (...)	6.803	3004781	21.196 ug/ml
5) T Acenaphthylene (C15.06)	8.070	2958116	21.087 ug/ml
7) T Acenaphthene (C15.5)	8.359	3483542	22.401 ug/ml
8) T Flouorene (C16.55)	9.144	2960640	21.045 ug/ml
9) T Phenanthrene (C19.36)	10.535	2750790	20.426 ug/ml
10) T Anthracene (C19.43)	10.617	2230946	16.603 ug/ml
12) T Fluoranthene (C21.85)	12.339	2821105	21.124 ug/ml
13) T Pyrene (C20.8)	12.632	2559183	20.261 ug/mlm
14) T Benzo[a]anthracene (C...	14.504	2153469	20.274 ug/ml
15) T Chrysene (C27.41)	14.546	3051586	23.279 ug/ml
16) T benzo[b]fluoranthene ...	16.047	2396331	21.353 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.080	2874975	22.597 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	2435756	20.962 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.796	2114545	19.835 ug/mlm
20) T Dibenz[a,h]anthracene...	17.833	2499562	20.204 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.044	2317580	19.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



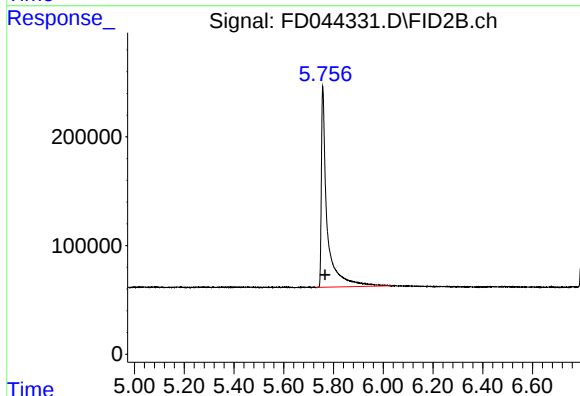
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.224 min
Delta R.T.: -0.007 min
Response: 3100397
Conc: 21.97 ug/ml

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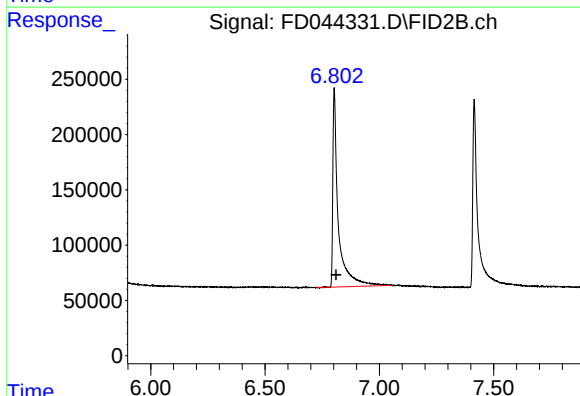
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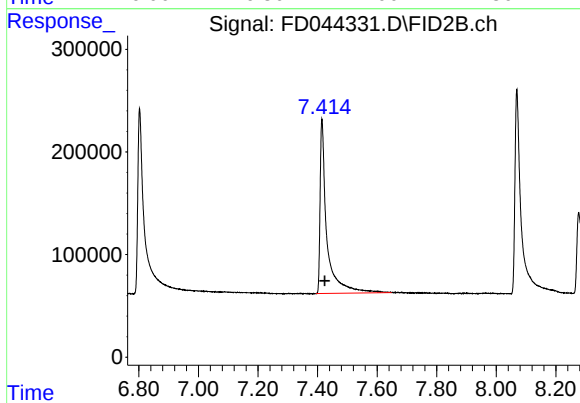
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.008 min
Response: 3003754
Conc: 21.91 ug/ml



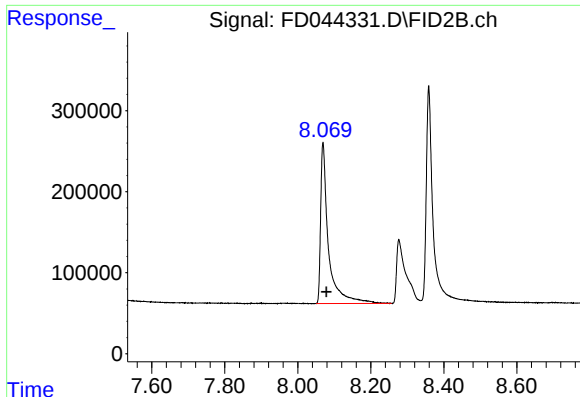
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 3004781
Conc: 21.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.008 min
Response: 2686799
Conc: 21.64 ug/ml



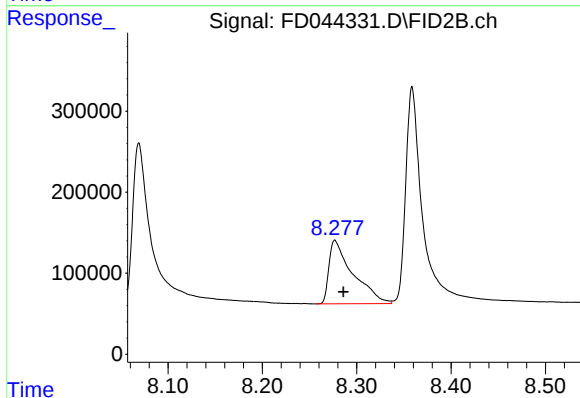
#5 Acenaphthylene (C15.06)

R.T.: 8.070 min
Delta R.T.: -0.009 min
Response: 2958116
Conc: 21.09 ug/ml

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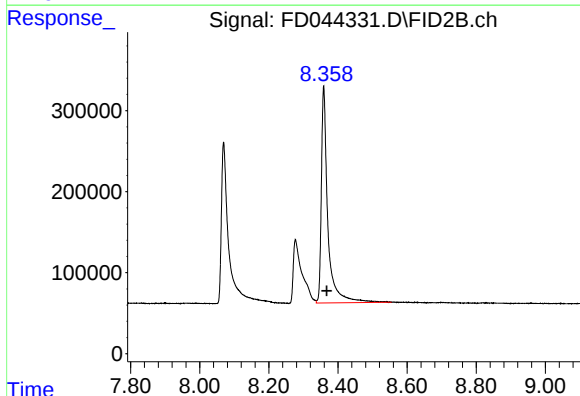
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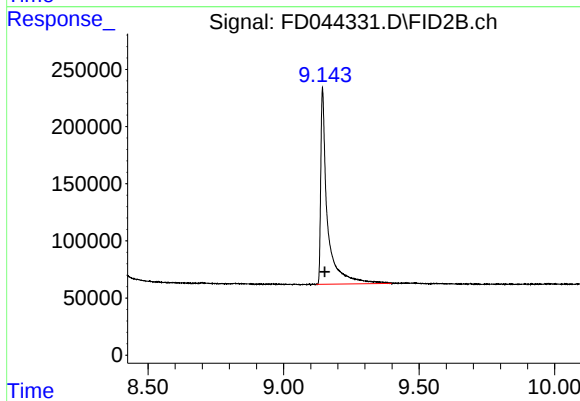
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.278 min
Delta R.T.: -0.008 min
Response: 1385214
Conc: 18.40 ug/ml



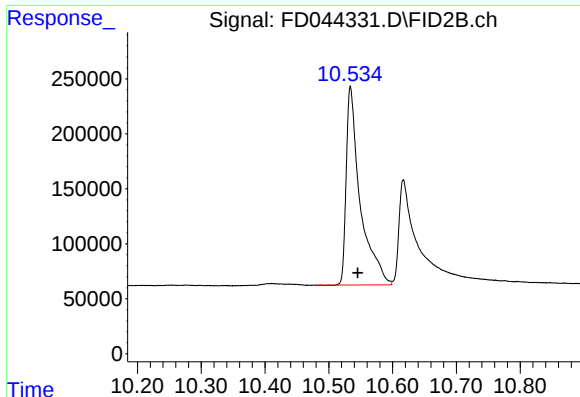
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 3483542
Conc: 22.40 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.144 min
Delta R.T.: -0.008 min
Response: 2960640
Conc: 21.05 ug/ml



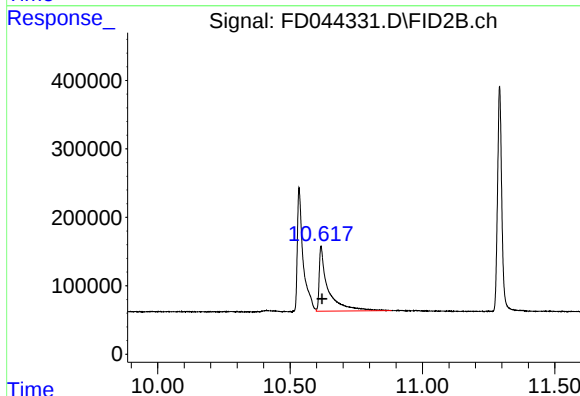
#9 Phenanthrene (C19.36)

R.T.: 10.535 min
Delta R.T.: -0.011 min
Response: 2750790
Conc: 20.43 ug/ml

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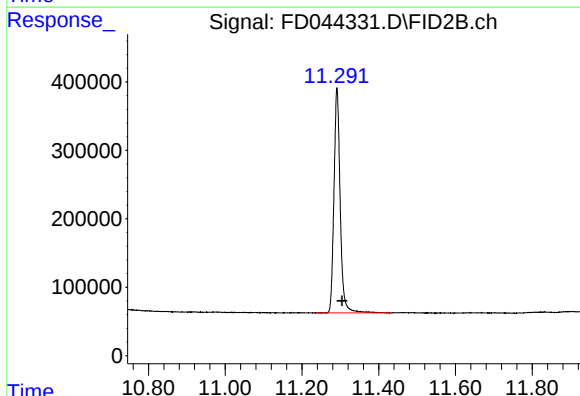
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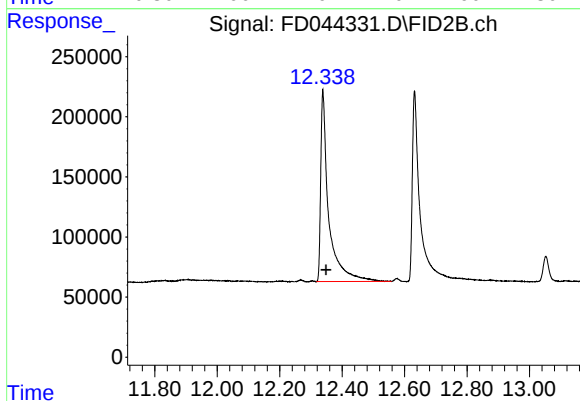
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.004 min
Response: 2230946
Conc: 16.60 ug/ml



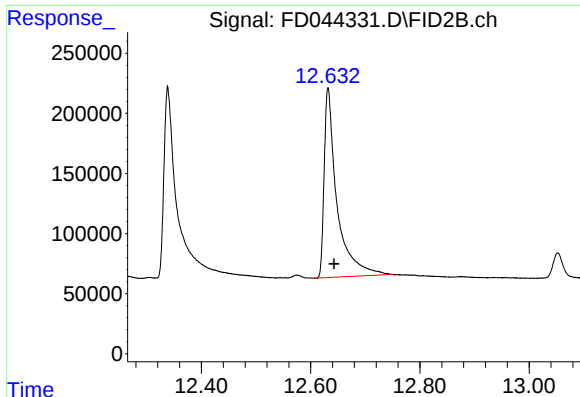
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.013 min
Response: 3702104
Conc: 21.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.339 min
Delta R.T.: -0.010 min
Response: 2821105
Conc: 21.12 ug/ml



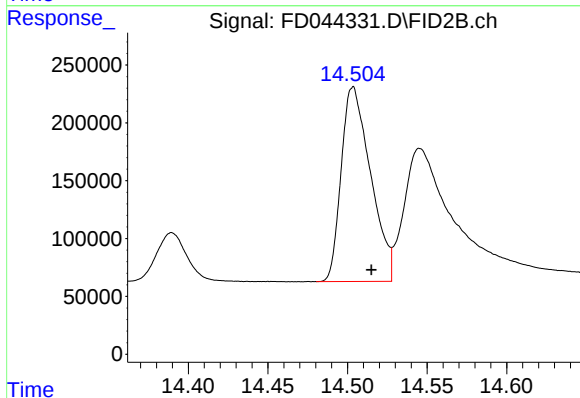
#13 Pyrene (C20.8)

R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 2559183
Conc: 20.26 ug/ml

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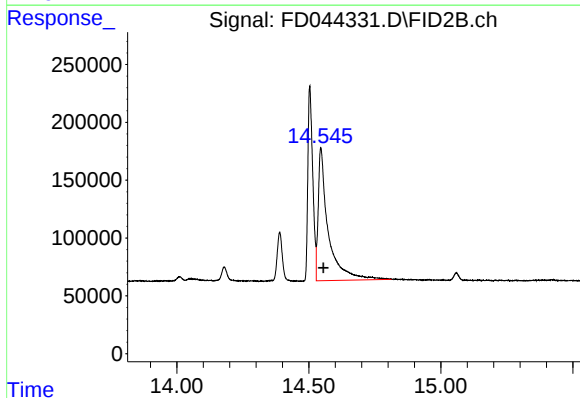
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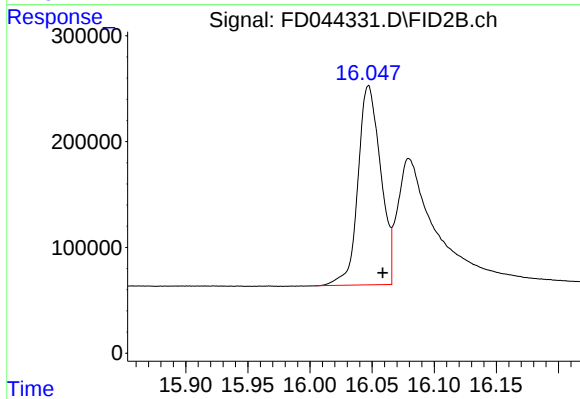
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.504 min
Delta R.T.: -0.011 min
Response: 2153469
Conc: 20.27 ug/ml



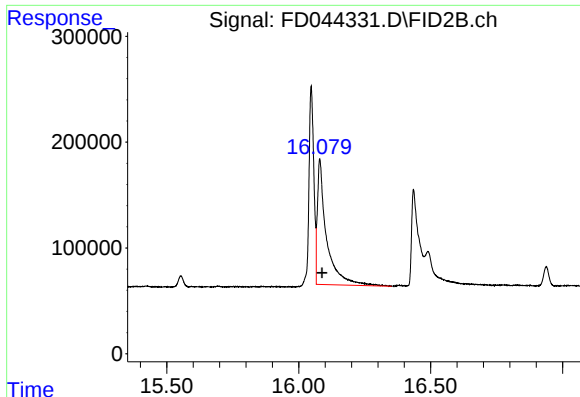
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: -0.009 min
Response: 3051586
Conc: 23.28 ug/ml



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

R.T.: 16.047 min
Delta R.T.: -0.012 min
Response: 2396331
Conc: 21.35 ug/ml m



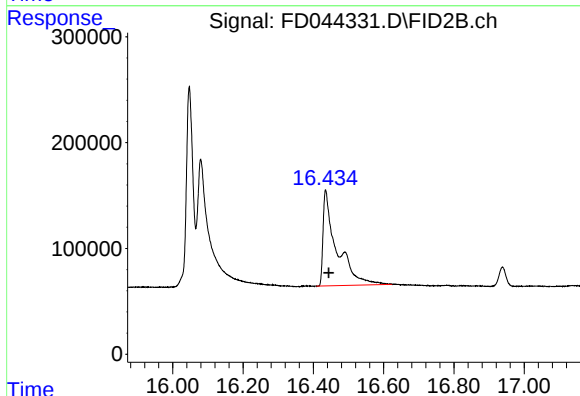
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 2874975
Conc: 22.60 ug/ml

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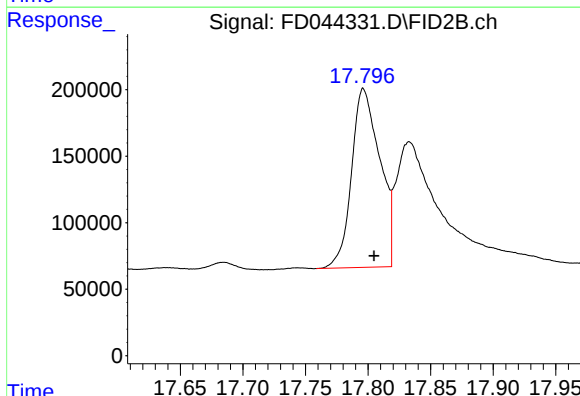
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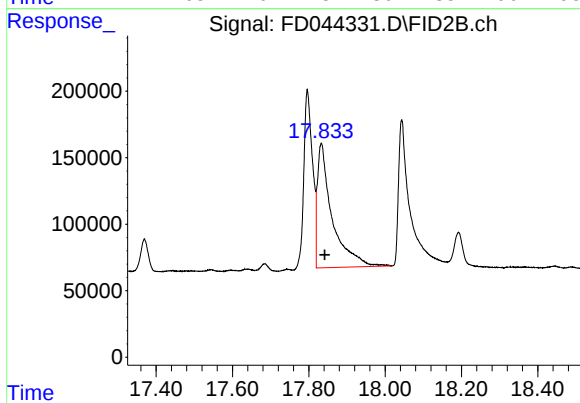
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.009 min
Response: 2435756
Conc: 20.96 ug/ml m



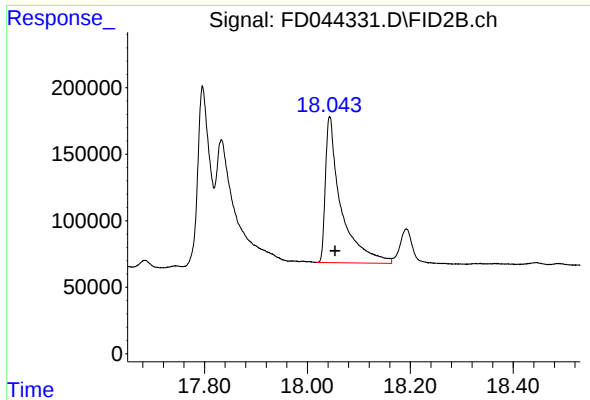
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.009 min
Response: 2114545
Conc: 19.83 ug/ml m



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

R.T.: 17.833 min
Delta R.T.: -0.009 min
Response: 2499562
Conc: 20.20 ug/ml m



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

R.T.: 18.044 min
Delta R.T.: -0.010 min
Response: 2317580
Conc: 19.74 ug/ml

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