

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044344.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 23:10
 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 01:25:35 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...	7.416	2410642	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
6) S 2-Fluorobiphenyl (SURR)	8.280	1238386	16.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.89%
11) S ortho-Terphenyl (SURR)	11.292	3418286	20.195 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	2799078	19.831 ug/ml
2) T Naphthalene (C11.7)	5.758	2679826	19.547 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	2781299	19.620 ug/ml
5) T Acenaphthylene (C15.06)	8.070	2731517	19.471 ug/ml
7) T Acenaphthene (C15.5)	8.360	3304610	21.251 ug/ml
8) T Flouorene (C16.55)	9.145	2711072	19.271 ug/ml
9) T Phenanthrene (C19.36)	10.536	2560728	19.015 ug/ml
10) T Anthracene (C19.43)	10.619	2076357	15.453 ug/ml
12) T Fluoranthene (C21.85)	12.340	2653150	19.866 ug/ml
13) T Pyrene (C20.8)	12.633	2375819	18.809 ug/mlm
14) T Benzo[a]anthracene (C...	14.506	1970013	18.547 ug/ml
15) T Chrysene (C27.41)	14.548	2826816	21.564 ug/ml
16) T benzo[b]fluoranthene ...	16.050	2186097	19.479 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	2771179	21.781 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2200072	18.934 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.797	1983168	18.602 ug/mlm
20) T Dibenz[a,h]anthracene...	17.834	2323964	18.785 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.045	2167683	18.464 ug/ml

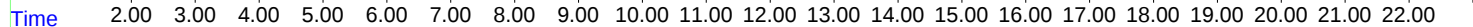
(f)=RT Delta > 1/2 Window

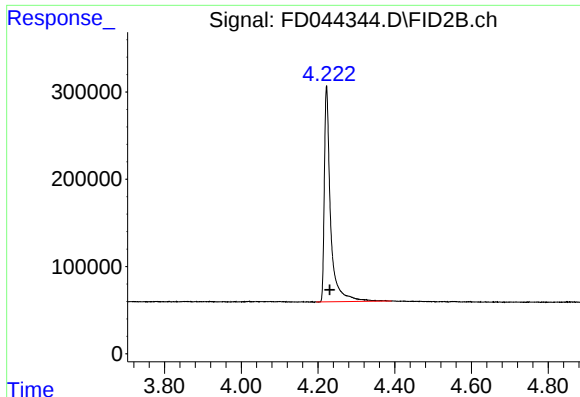
(m)=manual int.

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





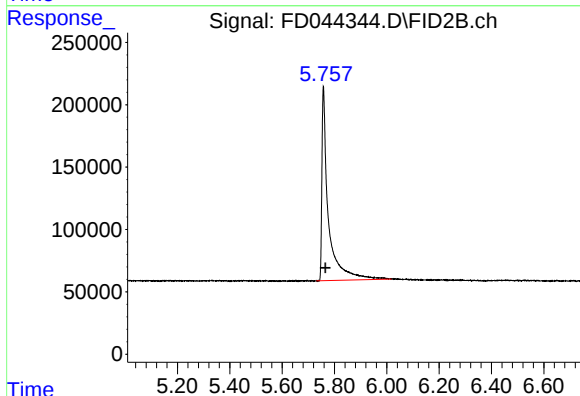
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 2799078
Conc: 19.83 ug/ml

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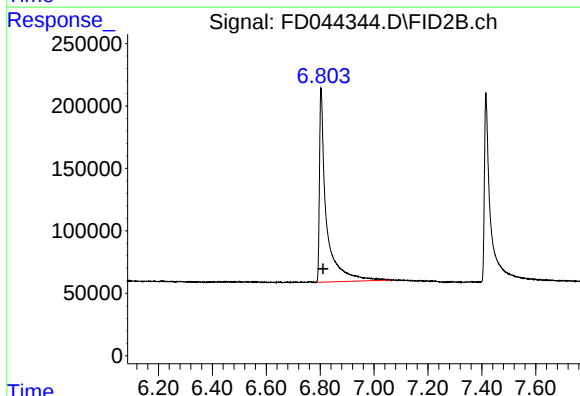
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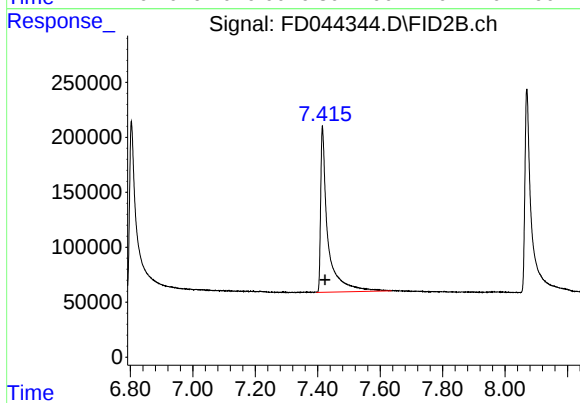
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.007 min
Response: 2679826
Conc: 19.55 ug/ml



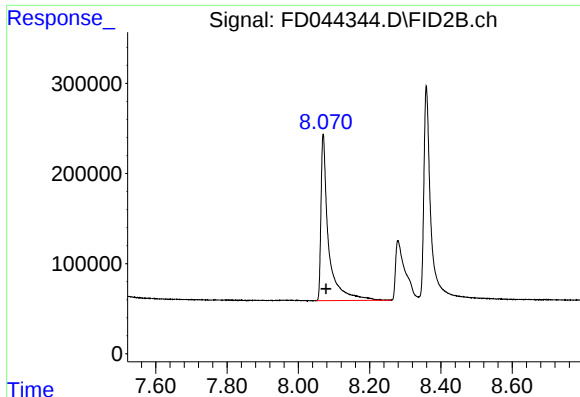
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 2781299
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.416 min
Delta R.T.: -0.008 min
Response: 2410642
Conc: 19.42 ug/ml



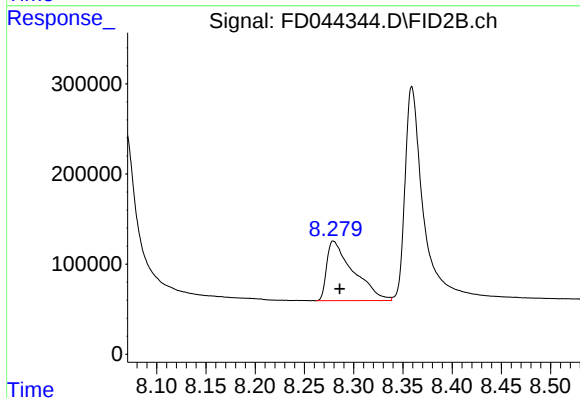
#5 Acenaphthylene (C15.06)

R.T.: 8.070 min
Delta R.T.: -0.008 min
Response: 2731517
Conc: 19.47 ug/ml

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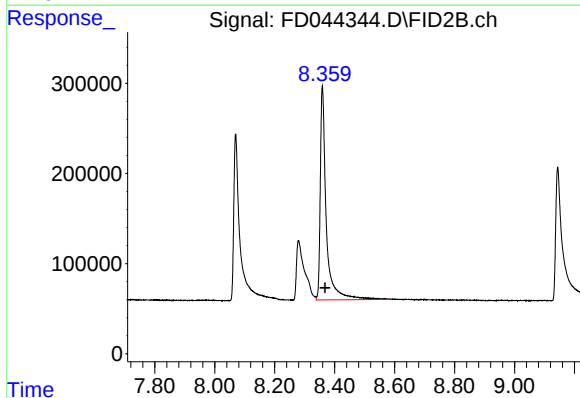
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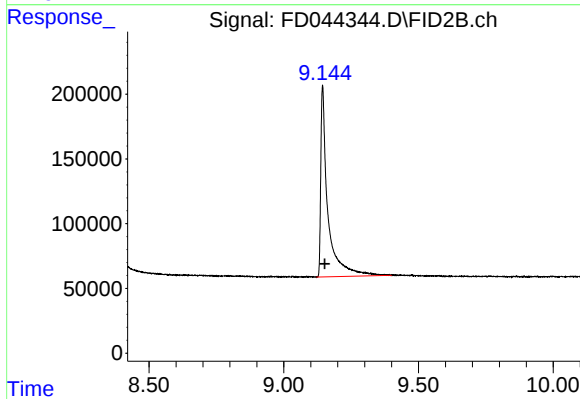
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 1238386
Conc: 16.45 ug/ml



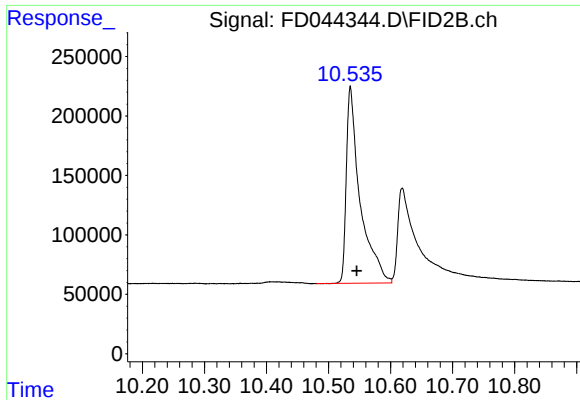
#7 Acenaphthene (C15.5)

R.T.: 8.360 min
Delta R.T.: -0.008 min
Response: 3304610
Conc: 21.25 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.145 min
Delta R.T.: -0.007 min
Response: 2711072
Conc: 19.27 ug/ml



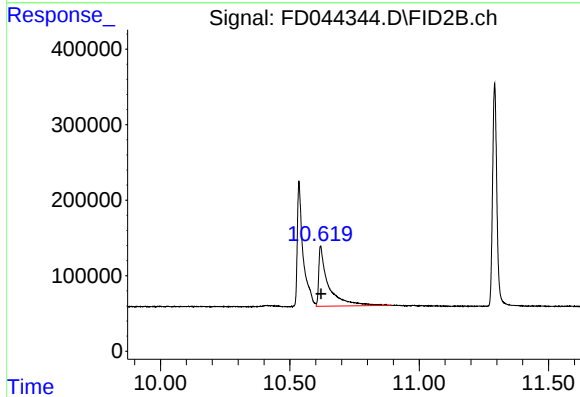
#9 Phenanthrene (C19.36)

R.T.: 10.536 min
Delta R.T.: -0.009 min
Response: 2560728
Conc: 19.01 ug/ml

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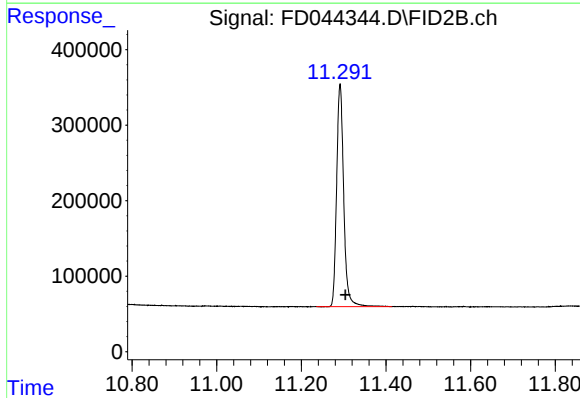
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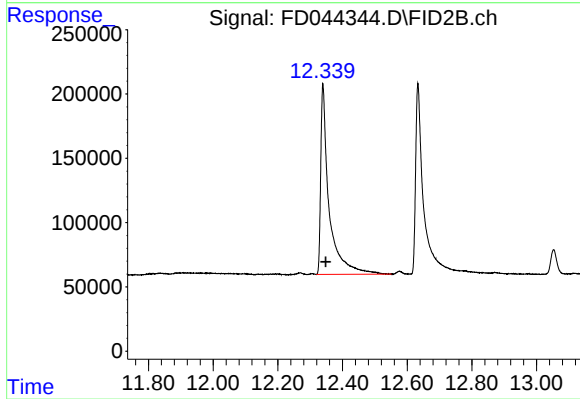
#10 Anthracene (C19.43)

R.T.: 10.619 min
Delta R.T.: -0.002 min
Response: 2076357
Conc: 15.45 ug/ml



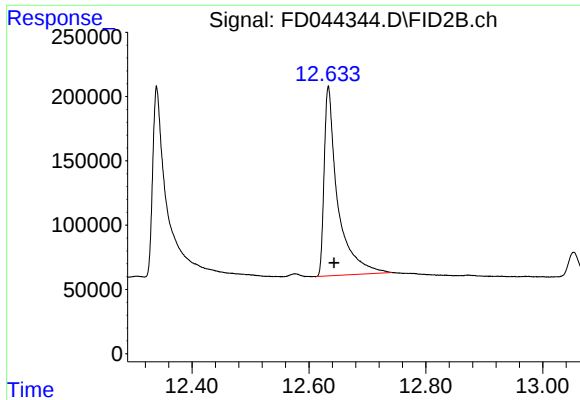
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.013 min
Response: 3418286
Conc: 20.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.340 min
Delta R.T.: -0.009 min
Response: 2653150
Conc: 19.87 ug/ml



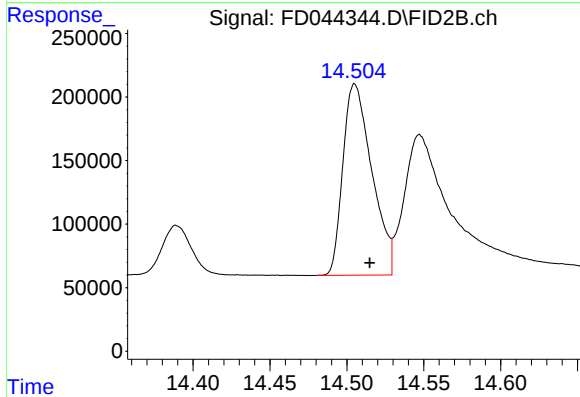
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.010 min
Response: 2375819
Conc: 18.81 ug/ml

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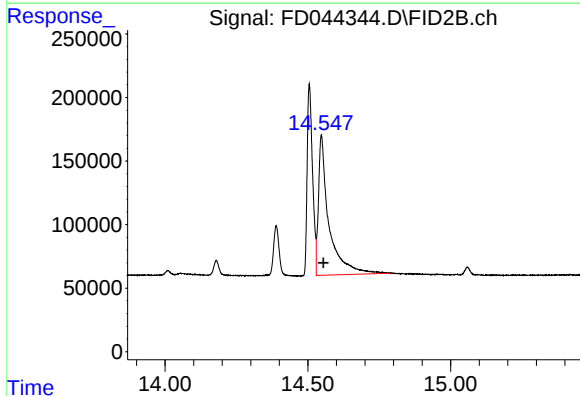
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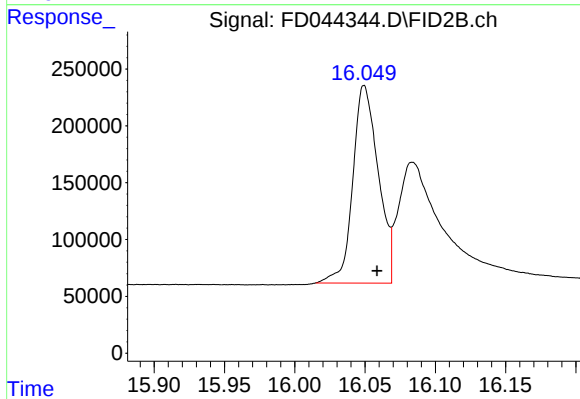
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: -0.009 min
Response: 1970013
Conc: 18.55 ug/ml



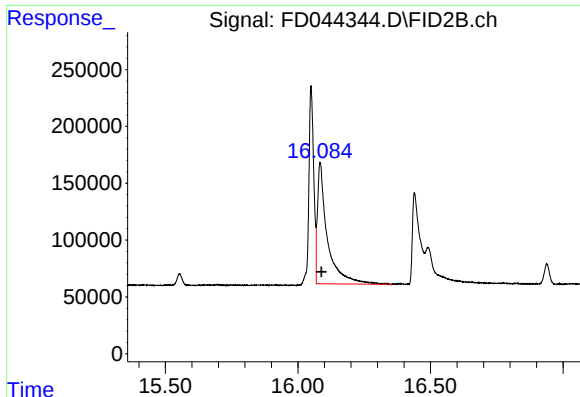
#15 Chrysene (C27.41)

R.T.: 14.548 min
Delta R.T.: -0.007 min
Response: 2826816
Conc: 21.56 ug/ml



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

R.T.: 16.050 min
Delta R.T.: -0.009 min
Response: 2186097
Conc: 19.48 ug/ml



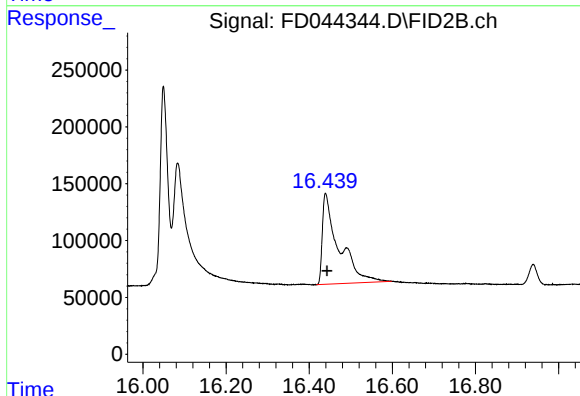
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.084 min
Delta R.T.: -0.005 min
Response: 2771179
Conc: 21.78 ug/ml

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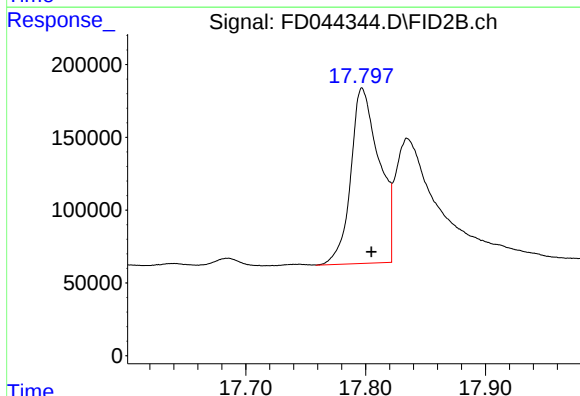
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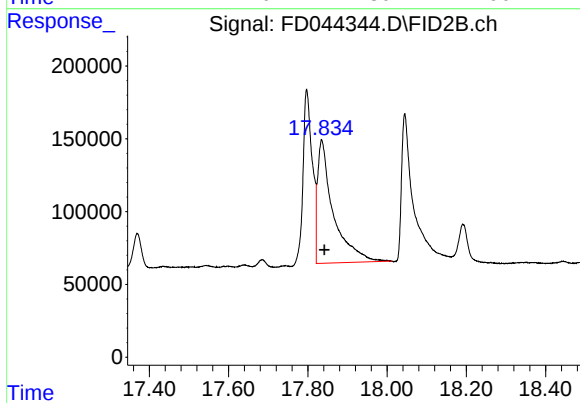
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.005 min
Response: 2200072
Conc: 18.93 ug/ml m



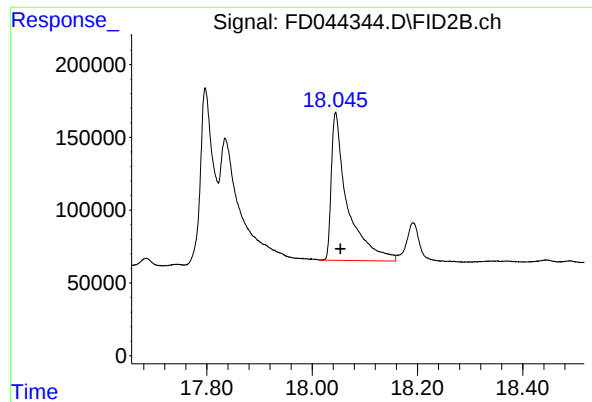
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.008 min
Response: 1983168
Conc: 18.60 ug/ml m



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

R.T.: 17.834 min
Delta R.T.: -0.008 min
Response: 2323964
Conc: 18.78 ug/ml m



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

R.T.: 18.045 min
Delta R.T.: -0.009 min
Response: 2167683
Conc: 18.46 ug/ml

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