

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043139.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 01:18
 Operator : YP/AJ
 Sample : N3537-01MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:05:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

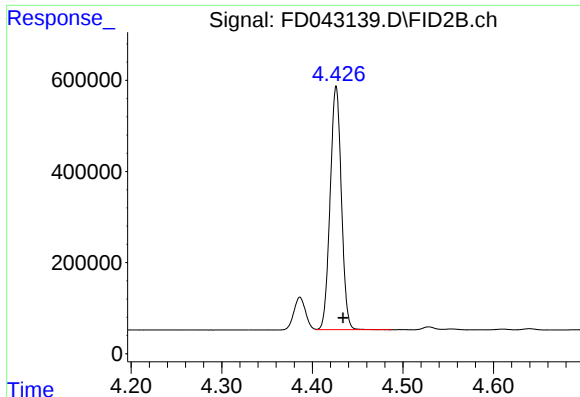
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.630	6032715	39.070 ug/ml
Spiked Amount 50.000		Recovery =	78.14%
6) S 2-Fluorobiphenyl (SURR)	8.493	4131210	39.168 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.34%
11) S ortho-Terphenyl (SURR)	11.536	4785296	26.329 ug/ml
Spiked Amount 50.000		Recovery =	52.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	4597084	27.372 ug/ml
2) T Naphthalene (C11.7)	5.965	5136223	29.338 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	5244588	32.607 ug/ml
5) T Acenaphthylene (C15.06)	8.295	5155057	29.002 ug/ml
7) T Acenaphthene (C15.5)	8.592	5522655	31.538 ug/ml
8) T Flouorene (C16.55)	9.373	5660307	32.654 ug/ml
9) T Phenanthrene (C19.36)	10.771	5846609	34.089 ug/ml
10) T Anthracene (C19.43)	10.847	5819992	34.257 ug/ml
12) T Fluoranthene (C21.85)	12.584	5919136	35.293 ug/ml
13) T Pyrene (C20.8)	12.882	5834267	35.800 ug/mlm
14) T Benzo[a]anthracene (C...	14.753	5508991	35.473 ug/ml
15) T Chrysene (C27.41)	14.797	6312095	39.993 ug/ml
16) T benzo[b]fluoranthene ...	16.304	5315140	34.868 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	5287748	36.128 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	4778688	33.410 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	5227654	41.776 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	5056712	37.614 ug/ml
21) T Benzo[g,h,i]perylene ...	18.305	5008649	38.401 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



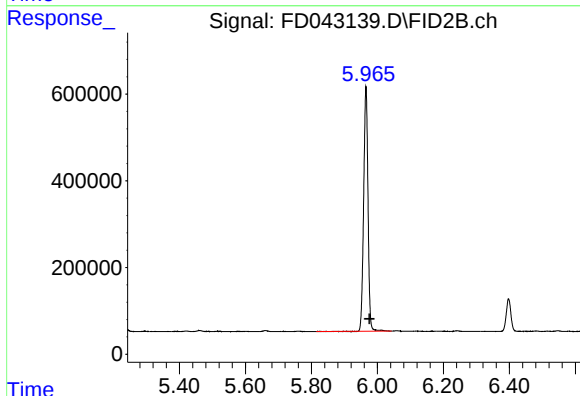
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.008 min
Response: 4597084
Conc: 27.37 ug/ml

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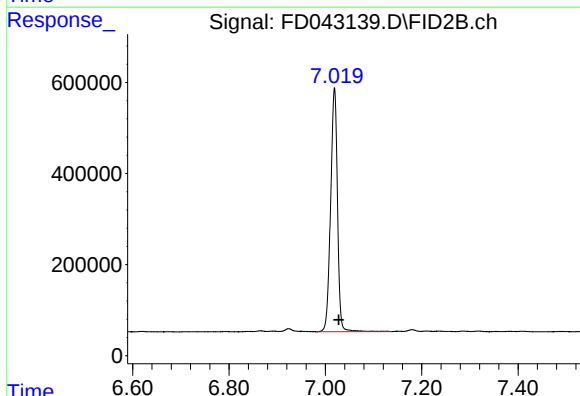
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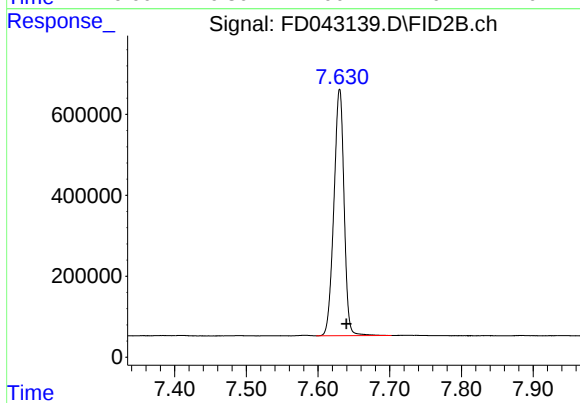
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 5136223
Conc: 29.34 ug/ml



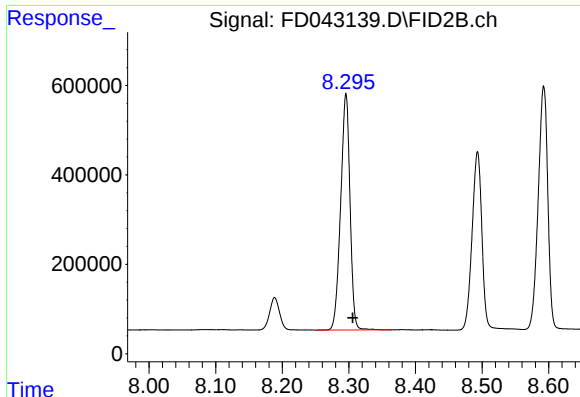
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.010 min
Response: 5244588
Conc: 32.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 6032715
Conc: 39.07 ug/ml



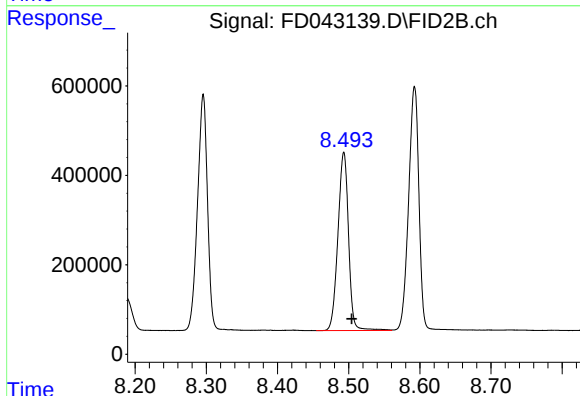
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.010 min
Response: 5155057
Conc: 29.00 ug/ml

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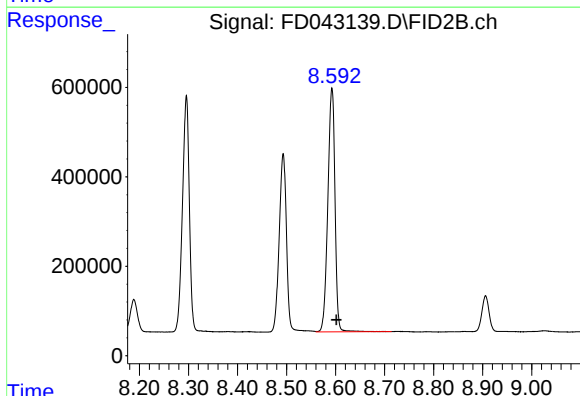
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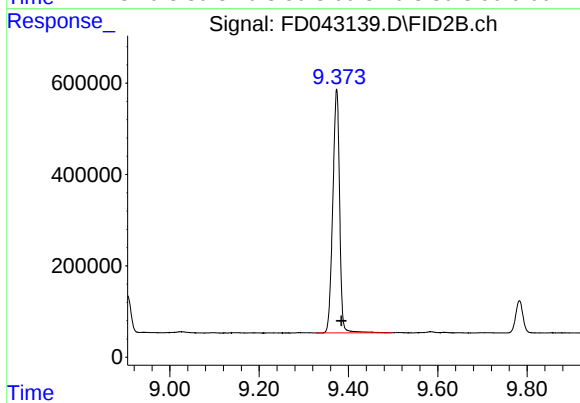
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 4131210
Conc: 39.17 ug/ml



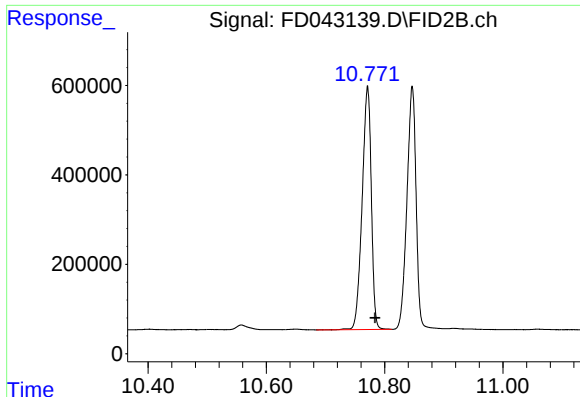
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.009 min
Response: 5522655
Conc: 31.54 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.373 min
Delta R.T.: -0.011 min
Response: 5660307
Conc: 32.65 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.771 min
Delta R.T.: -0.013 min
Response: 5846609
Conc: 34.09 ug/ml

Instrument :

FID_D

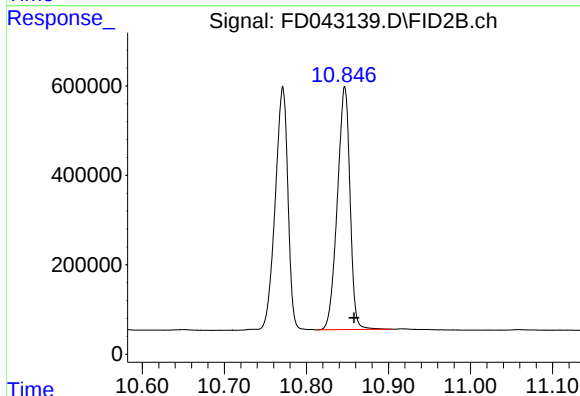
ClientSampleId :

T-1MS

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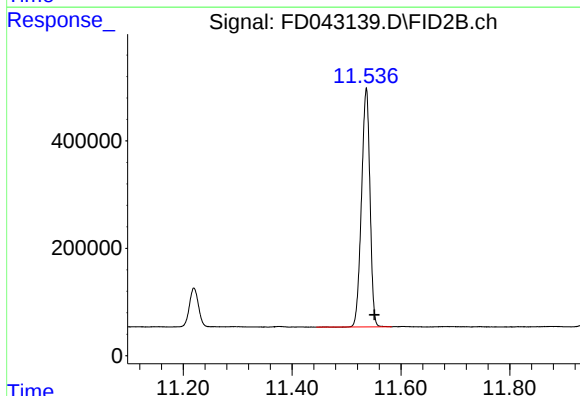
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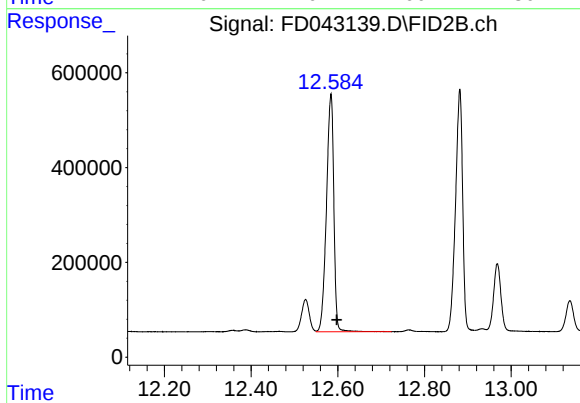
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.011 min
Response: 5819992
Conc: 34.26 ug/ml



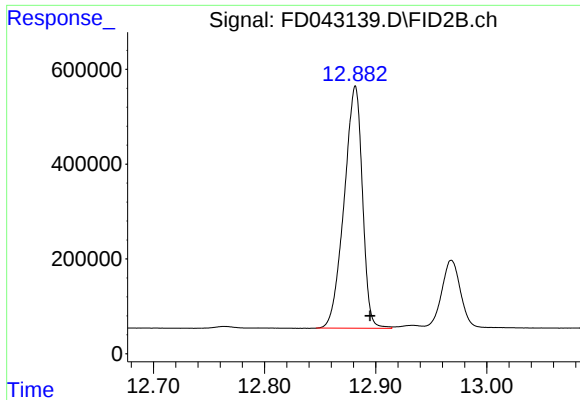
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 4785296
Conc: 26.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.014 min
Response: 5919136
Conc: 35.29 ug/ml



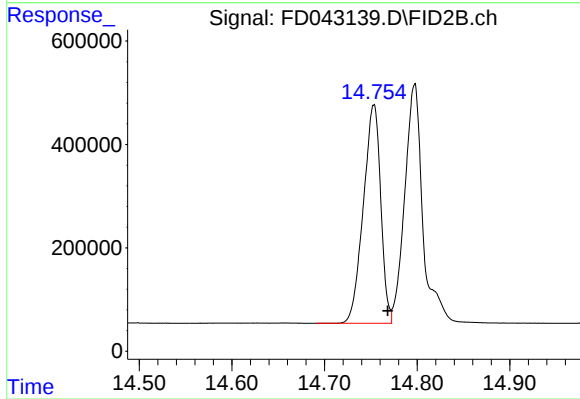
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 5834267
Conc: 35.80 ug/ml

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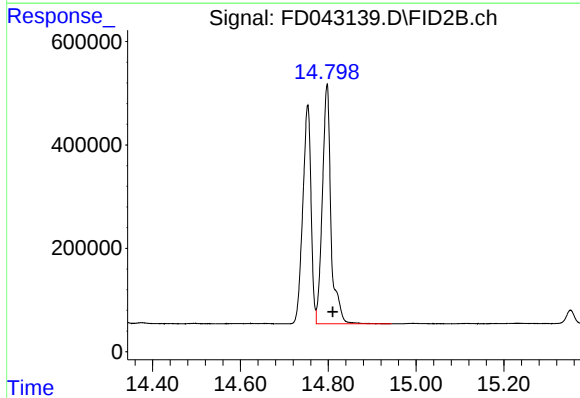
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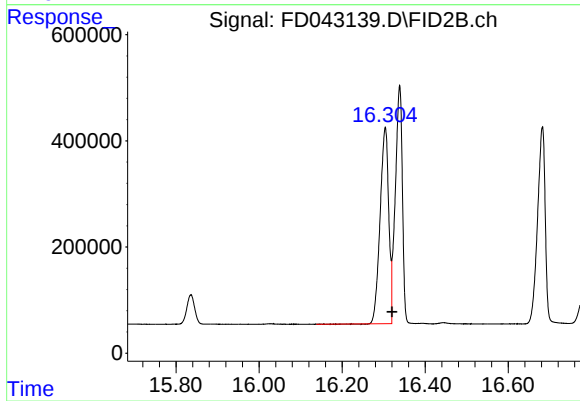
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.015 min
Response: 5508991
Conc: 35.47 ug/ml



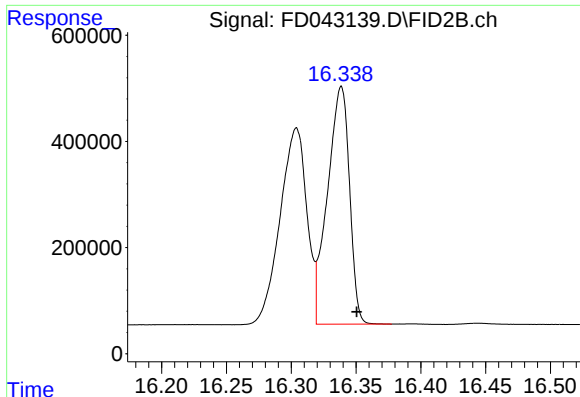
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.013 min
Response: 6312095
Conc: 39.99 ug/ml



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

R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 5315140
Conc: 34.87 ug/ml



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

R.T.: 16.338 min
Delta R.T.: -0.013 min
Response: 5287748
Conc: 36.13 ug/ml

Instrument :

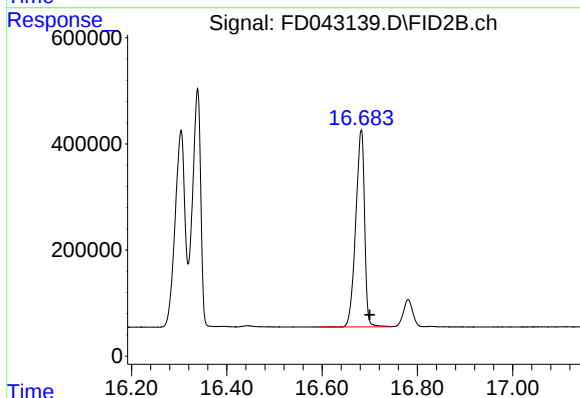
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ClientSampleId :

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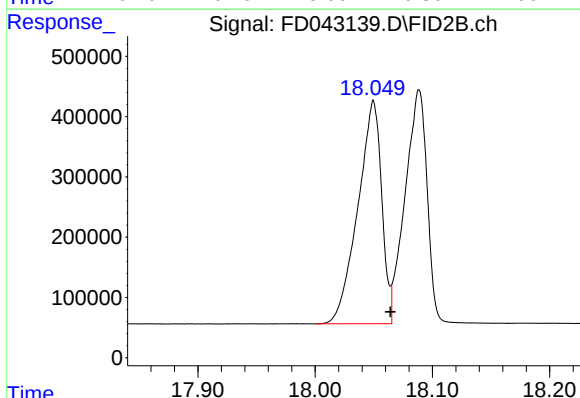
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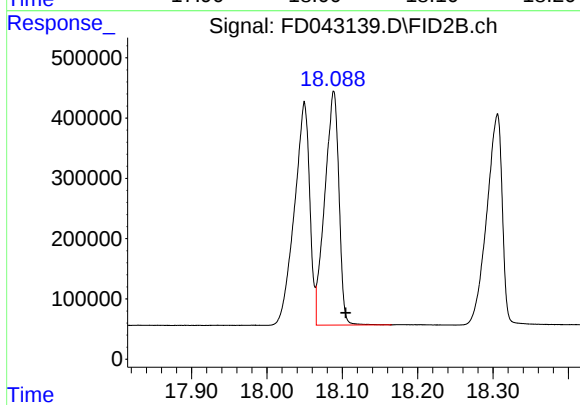
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.018 min
Response: 4778688
Conc: 33.41 ug/ml



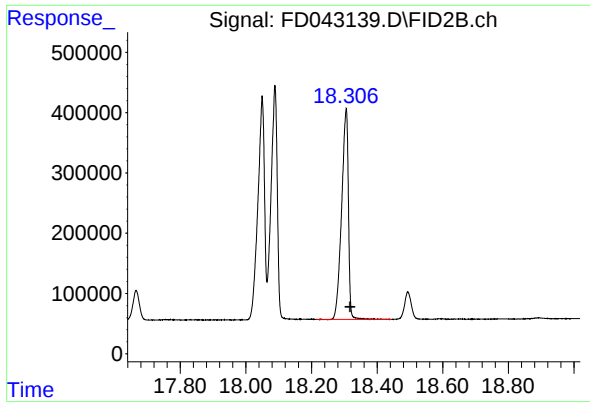
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: -0.015 min
Response: 5227654
Conc: 41.78 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 5056712
Conc: 37.61 ug/ml



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

R.T.: 18.305 min
Delta R.T.: -0.013 min
Response: 5008649
Conc: 38.40 ug/ml

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