

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111722AR\
 Data File : FD044453.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2022 12:21
 Operator : YP/AJ
 Sample : PB149099BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149099BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 03:12:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 08:21:34 2022
 Response via : Initial Calibration
 Integrator: ChemStation

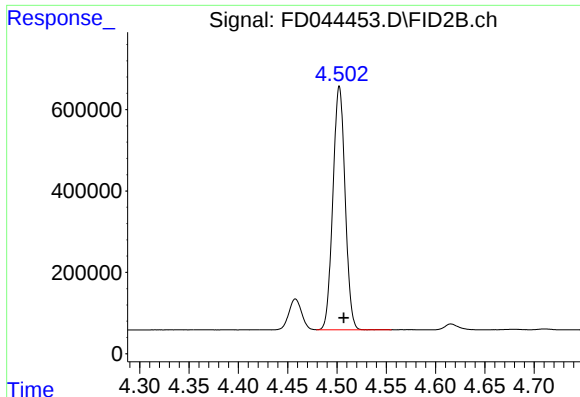
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.693	6537302	48.311 ug/ml
Spiked Amount 50.000		Recovery =	96.62%
6) S 2-Fluorobiphenyl (SURR)	8.554	4424464	47.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.36%
11) S ortho-Terphenyl (SURR)	11.588	6687179	38.976 ug/ml
Spiked Amount 50.000		Recovery =	77.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	5162642	35.419 ug/ml
2) T Naphthalene (C11.7)	6.037	6020264	38.666 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	6195440	39.215 ug/ml
5) T Acenaphthylene (C15.06)	8.358	6177689	40.967 ug/ml
7) T Acenaphthene (C15.5)	8.653	6591721	42.600 ug/ml
8) T Flouorene (C16.55)	9.431	6662608	43.322 ug/ml
9) T Phenanthrene (C19.36)	10.824	6820841	45.358 ug/ml
10) T Anthracene (C19.43)	10.899	6730147	45.935 ug/ml
12) T Fluoranthene (C21.85)	12.630	6909187	45.464 ug/ml
13) T Pyrene (C20.8)	12.926	6929712	46.617 ug/ml
14) T Benzo[a]anthracene (C...	14.790	6793169	48.533 ug/ml
15) T Chrysene (C27.41)	14.834	7329532	50.047 ug/ml
16) T benzo[b]fluoranthene ...	16.332	6768979	47.066 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.368	6303484	44.334 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.710	5963439	42.625 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.069	6485409	47.564 ug/mlm
20) T Dibenz[a,h]anthracene...	18.109	6091383	45.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.325	6237668	45.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.502 min
Delta R.T.: -0.005 min
Response: 5162642
Conc: 35.42 ug/ml

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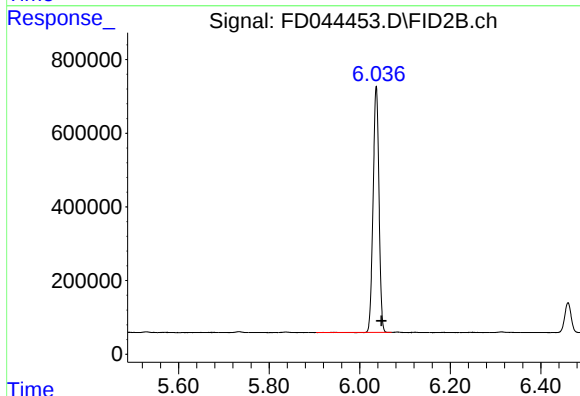
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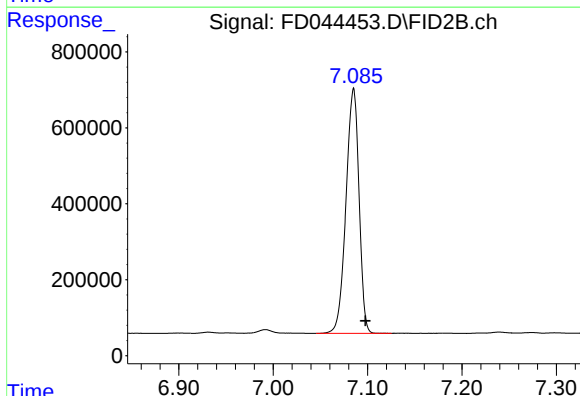
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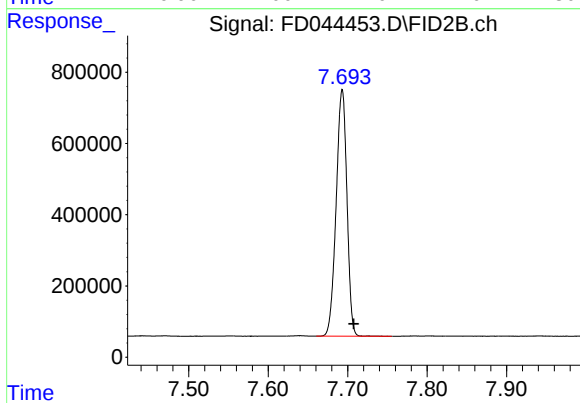
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.011 min
Response: 6020264
Conc: 38.67 ug/ml



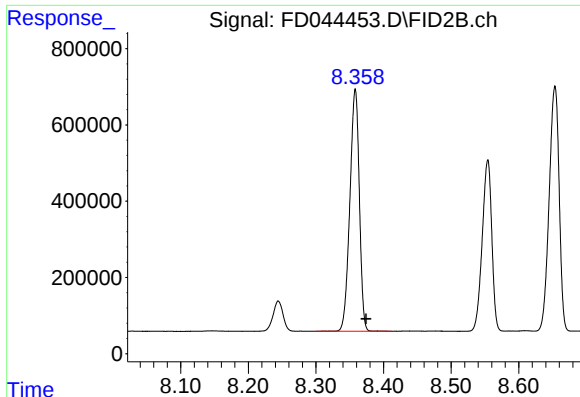
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.013 min
Response: 6195440
Conc: 39.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.693 min
Delta R.T.: -0.015 min
Response: 6537302
Conc: 48.31 ug/ml



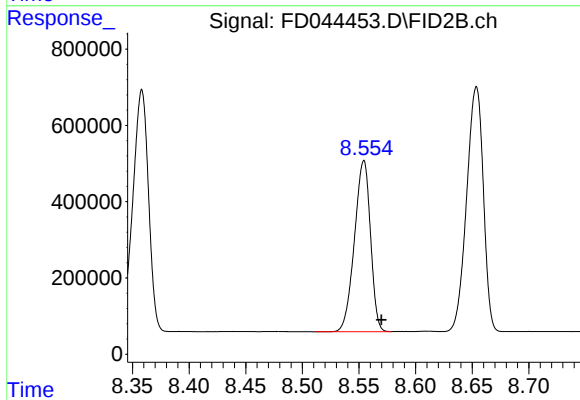
#5 Acenaphthylene (C15.06)

R.T.: 8.358 min
Delta R.T.: -0.016 min
Response: 6177689
Conc: 40.97 ug/ml

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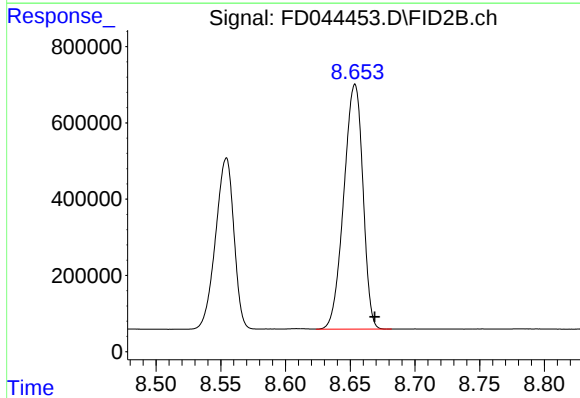
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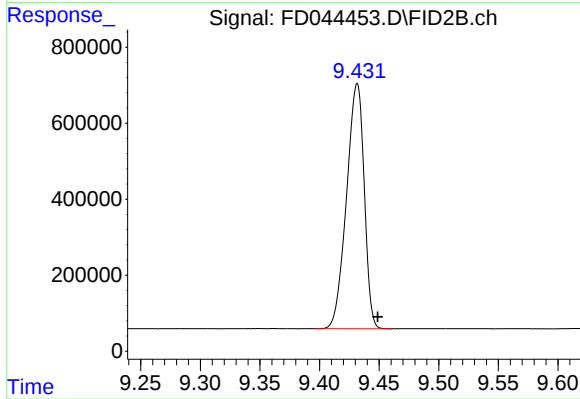
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.016 min
Response: 4424464
Conc: 47.18 ug/ml



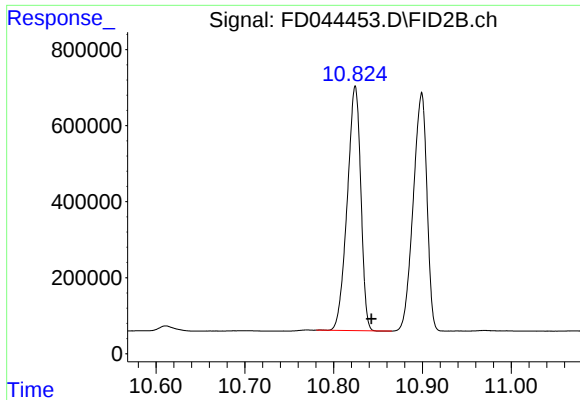
#7 Acenaphthene (C15.5)

R.T.: 8.653 min
Delta R.T.: -0.016 min
Response: 6591721
Conc: 42.60 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.431 min
Delta R.T.: -0.018 min
Response: 6662608
Conc: 43.32 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: -0.018 min
Response: 6820841
Conc: 45.36 ug/ml

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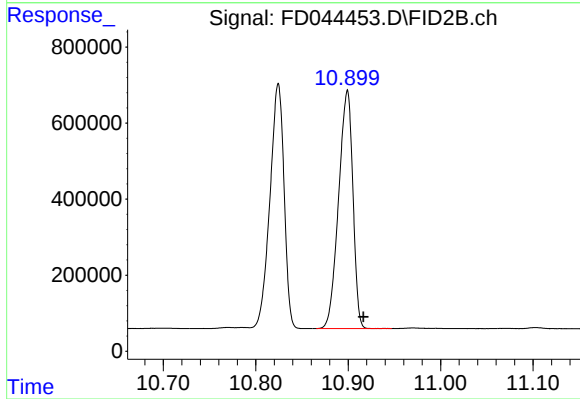
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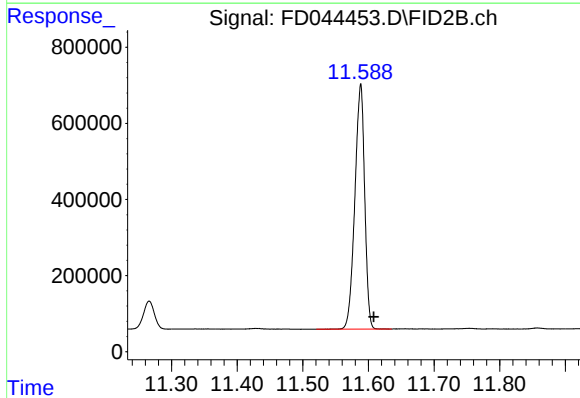
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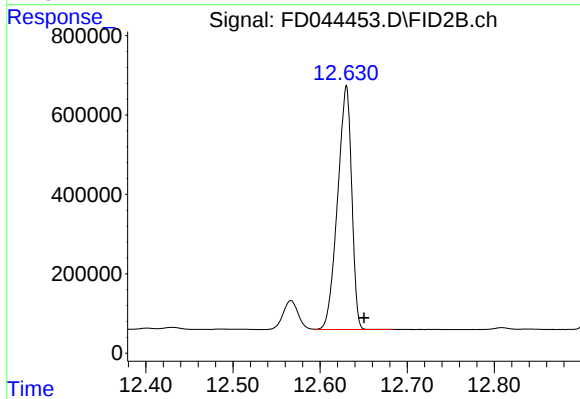
#10 Anthracene (C19.43)

R.T.: 10.899 min
Delta R.T.: -0.018 min
Response: 6730147
Conc: 45.94 ug/ml



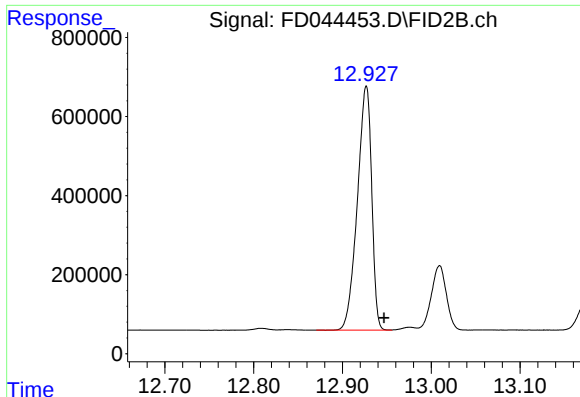
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.020 min
Response: 6687179
Conc: 38.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.630 min
Delta R.T.: -0.021 min
Response: 6909187
Conc: 45.46 ug/ml



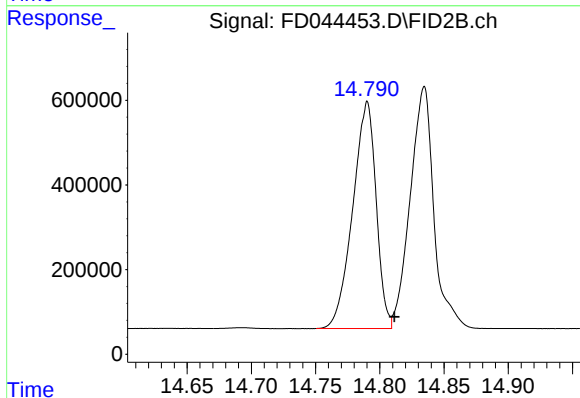
#13 Pyrene (C20.8)

R.T.: 12.926 min
Delta R.T.: -0.020 min
Response: 6929712
Conc: 46.62 ug/ml

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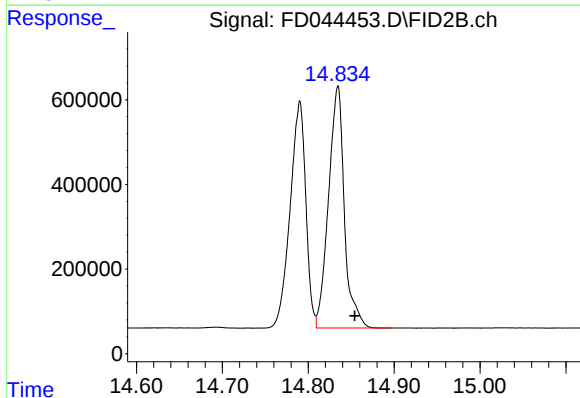
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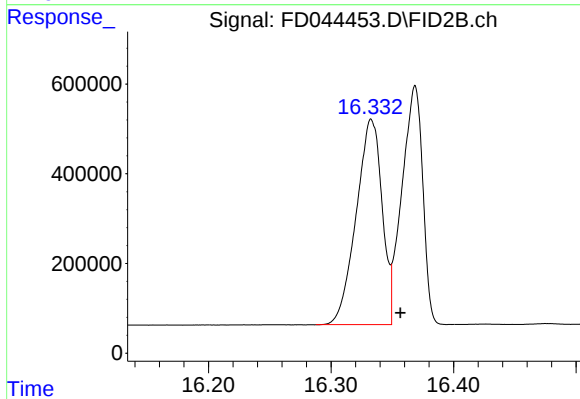
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: -0.022 min
Response: 6793169
Conc: 48.53 ug/ml



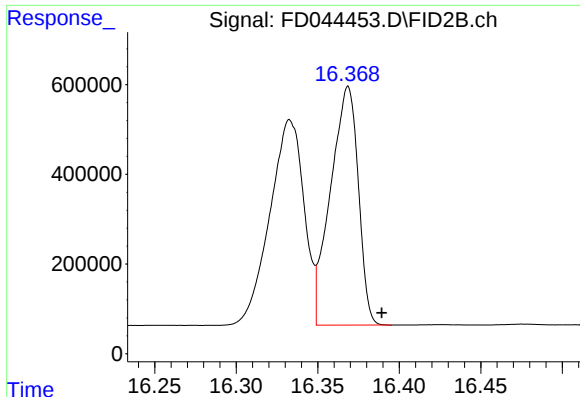
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: -0.020 min
Response: 7329532
Conc: 50.05 ug/ml



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

R.T.: 16.332 min
Delta R.T.: -0.024 min
Response: 6768979
Conc: 47.07 ug/ml m



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

R.T.: 16.368 min
Delta R.T.: -0.021 min
Response: 6303484
Conc: 44.33 ug/ml

Instrument :

FID_D

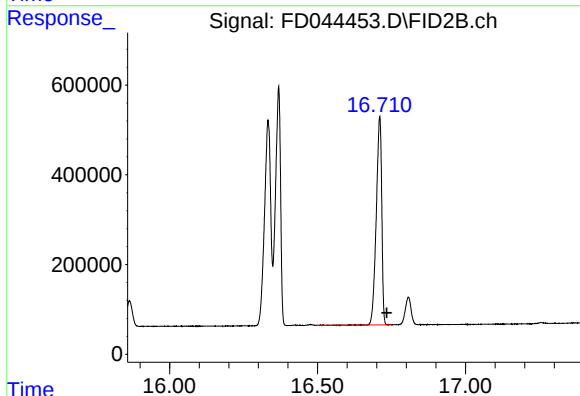
ClientSampleId :

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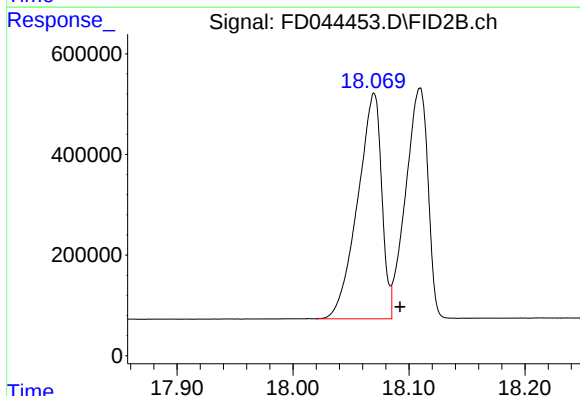
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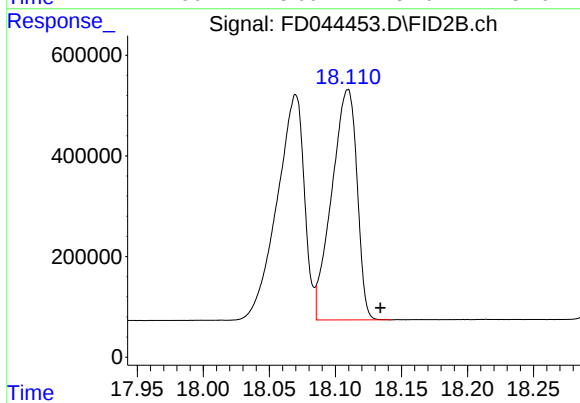
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.710 min
Delta R.T.: -0.025 min
Response: 5963439
Conc: 42.63 ug/ml



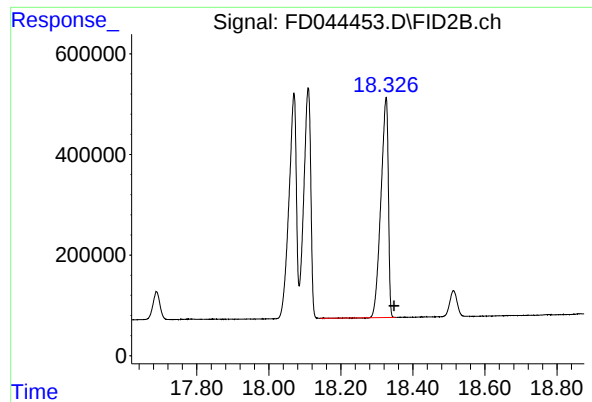
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min
Delta R.T.: -0.023 min
Response: 6485409
Conc: 47.56 ug/ml m



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

R.T.: 18.109 min
Delta R.T.: -0.025 min
Response: 6091383
Conc: 45.22 ug/ml



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

R.T.: 18.325 min
Delta R.T.: -0.023 min
Response: 6237668
Conc: 45.69 ug/ml

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