

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044462.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2022 12:11
 Operator : YP/AJ
 Sample : PB149204BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149204BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 05:45:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 2022
 Response via : Initial Calibration
 Integrator: ChemStation

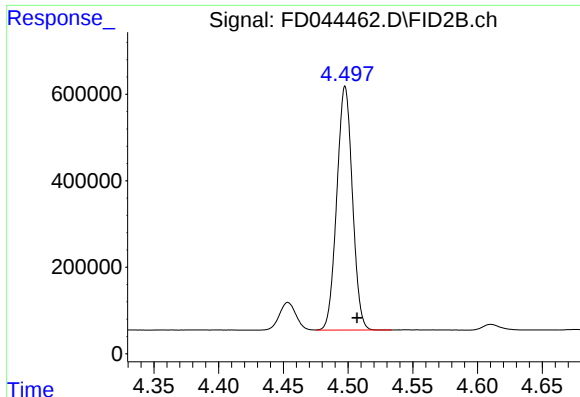
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.688	6215326	45.931 ug/ml
Spiked Amount 50.000		Recovery =	91.86%
6) S 2-Fluorobiphenyl (SURR)	8.548	4271624	45.549 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.10%
11) S ortho-Terphenyl (SURR)	11.583	6315513	36.810 ug/ml
Spiked Amount 50.000		Recovery =	73.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	4732528	32.468 ug/ml
2) T Naphthalene (C11.7)	6.031	5451375	35.012 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	5482133	34.700 ug/ml
5) T Acenaphthylene (C15.06)	8.352	5644372	37.431 ug/ml
7) T Acenaphthene (C15.5)	8.648	5821953	37.625 ug/ml
8) T Flouorene (C16.55)	9.426	5892596	38.315 ug/ml
9) T Phenanthrene (C19.36)	10.818	6048570	40.222 ug/ml
10) T Anthracene (C19.43)	10.893	6114873	41.736 ug/ml
12) T Fluoranthene (C21.85)	12.624	6235731	41.032 ug/ml
13) T Pyrene (C20.8)	12.921	6217640	41.826 ug/mlm
14) T Benzo[a]anthracene (C...	14.785	6085362	43.476 ug/mlm
15) T Chrysene (C27.41)	14.829	6553762	44.750 ug/ml
16) T benzo[b]fluoranthene ...	16.327	6022594	41.876 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.363	5654834	39.772 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	5351876	38.254 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	5685313	41.696 ug/mlm
20) T Dibenz[a,h]anthracene...	18.104	5447855	40.444 ug/ml
21) T Benzo[g,h,i]perylene ...	18.319	5528583	40.499 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.498 min
Delta R.T.: -0.009 min
Response: 4732528
Conc: 32.47 ug/ml

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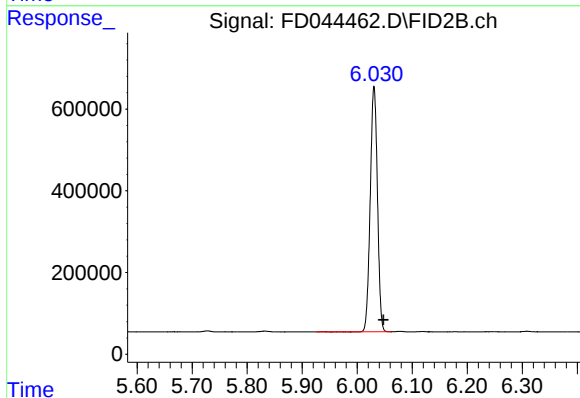
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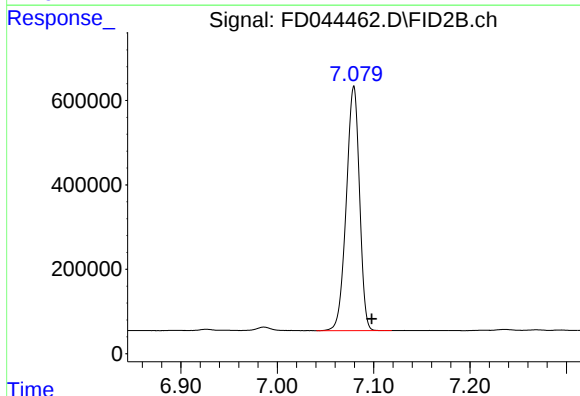
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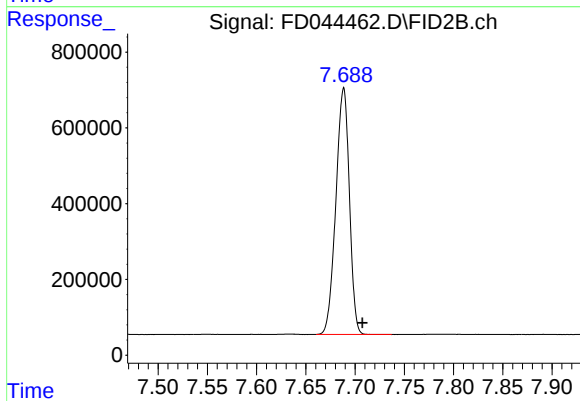
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.017 min
Response: 5451375
Conc: 35.01 ug/ml



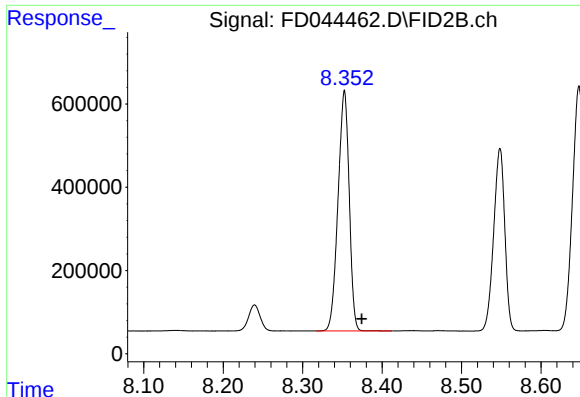
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 5482133
Conc: 34.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.019 min
Response: 6215326
Conc: 45.93 ug/ml



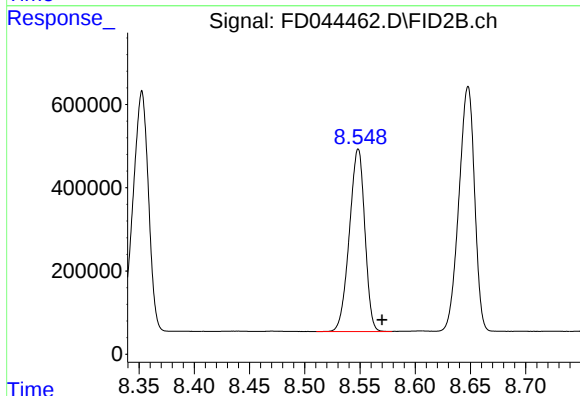
#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.022 min
Response: 5644372
Conc: 37.43 ug/ml

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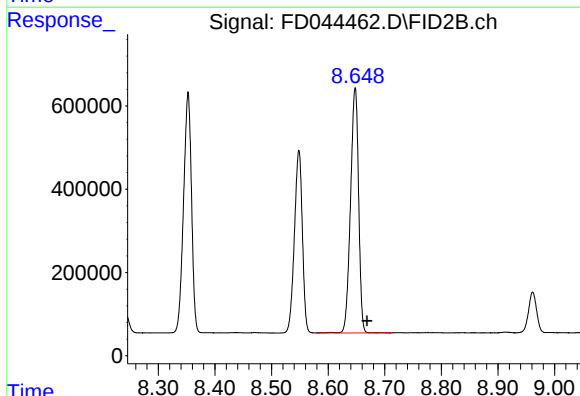
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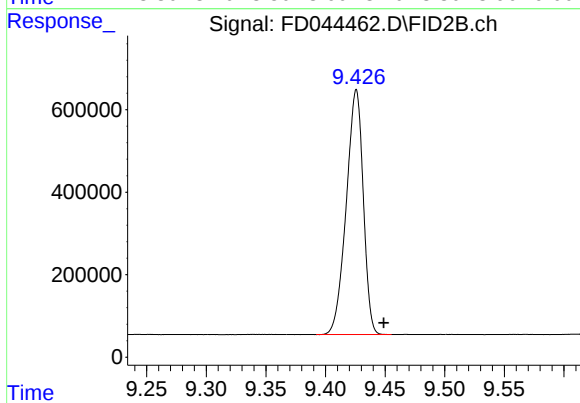
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.022 min
Response: 4271624
Conc: 45.55 ug/ml



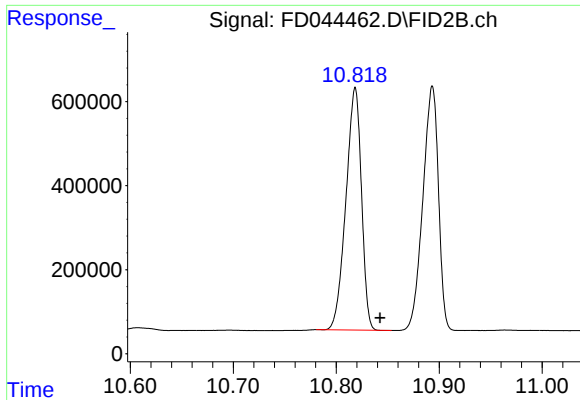
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: -0.021 min
Response: 5821953
Conc: 37.62 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.426 min
Delta R.T.: -0.023 min
Response: 5892596
Conc: 38.32 ug/ml



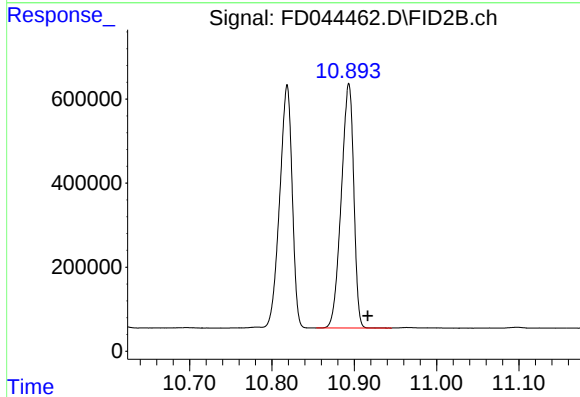
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.024 min
Response: 6048570
Conc: 40.22 ug/ml

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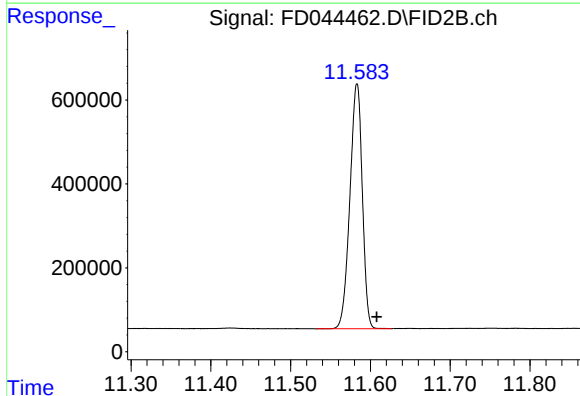
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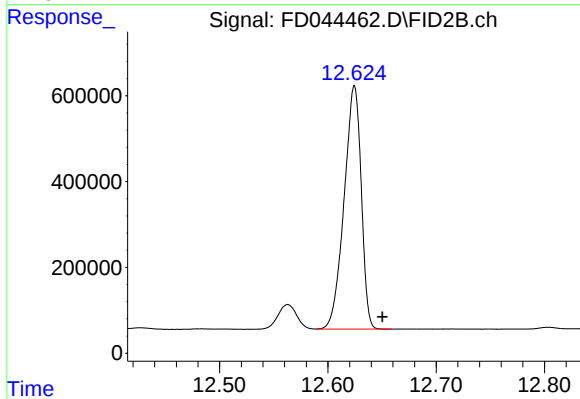
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.023 min
Response: 6114873
Conc: 41.74 ug/ml



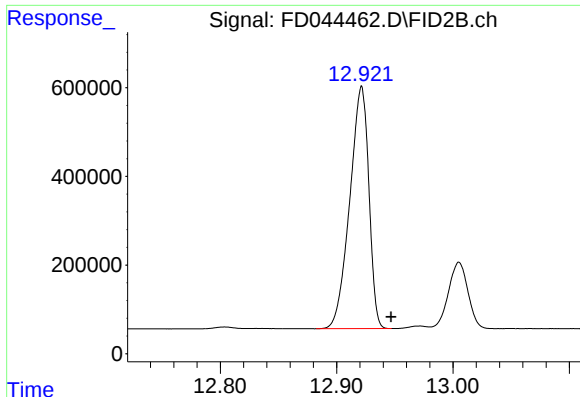
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.025 min
Response: 6315513
Conc: 36.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: -0.026 min
Response: 6235731
Conc: 41.03 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.921 min
Delta R.T.: -0.026 min
Response: 6217640
Conc: 41.83 ug/ml

Instrument :

FID_D

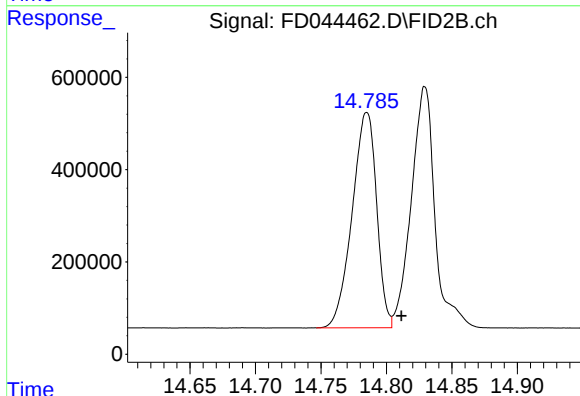
ClientSampleId :

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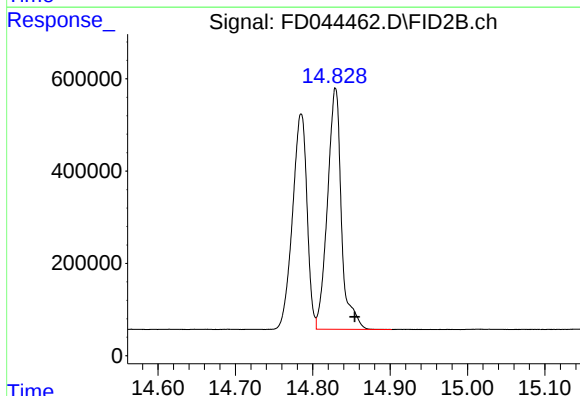
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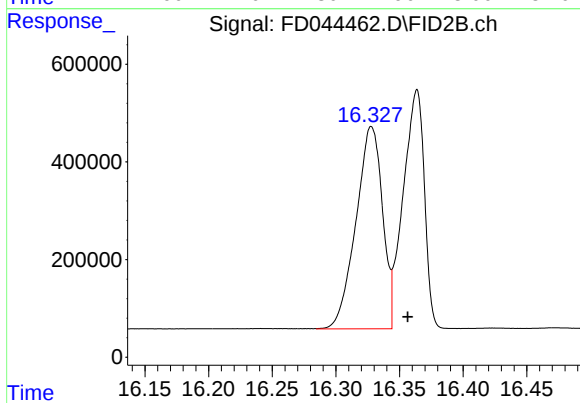
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: -0.027 min
Response: 6085362
Conc: 43.48 ug/ml m



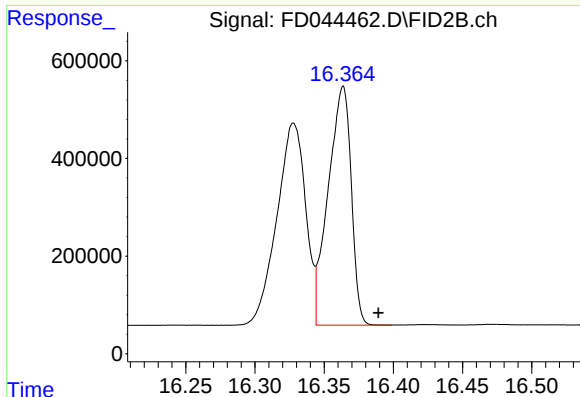
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: -0.025 min
Response: 6553762
Conc: 44.75 ug/ml



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

R.T.: 16.327 min
Delta R.T.: -0.029 min
Response: 6022594
Conc: 41.88 ug/ml m



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

R.T.: 16.363 min
Delta R.T.: -0.026 min
Response: 5654834
Conc: 39.77 ug/ml

Instrument :

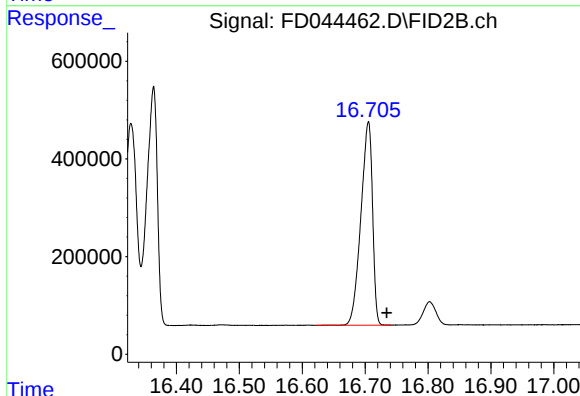
FID_D

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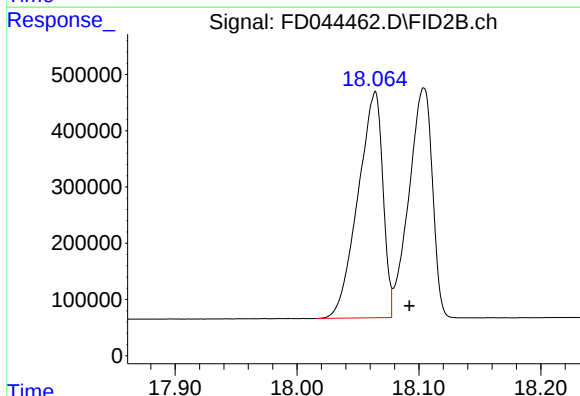
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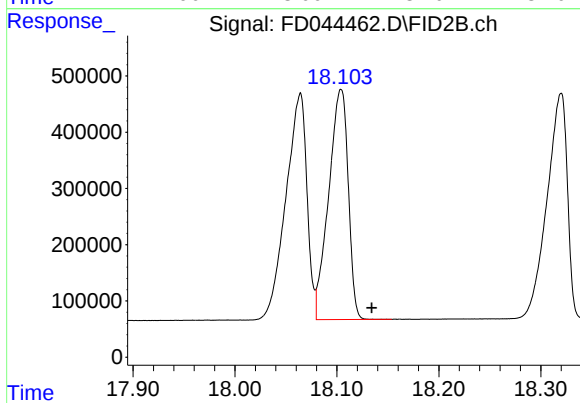
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: -0.030 min
Response: 5351876
Conc: 38.25 ug/ml



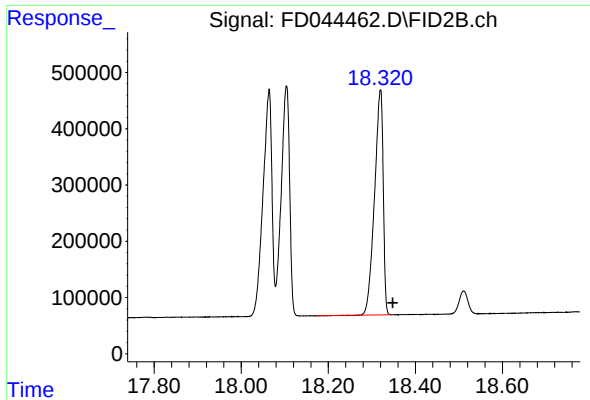
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.028 min
Response: 5685313
Conc: 41.70 ug/ml m



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

R.T.: 18.104 min
Delta R.T.: -0.030 min
Response: 5447855
Conc: 40.44 ug/ml



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

R.T.: 18.319 min
Delta R.T.: -0.029 min
Response: 5528583
Conc: 40.50 ug/ml

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