

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AR\
 Data File : FG017015.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 18:15
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Integration File: autoint1.e
 Quant Time: Dec 01 08:39:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:38:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

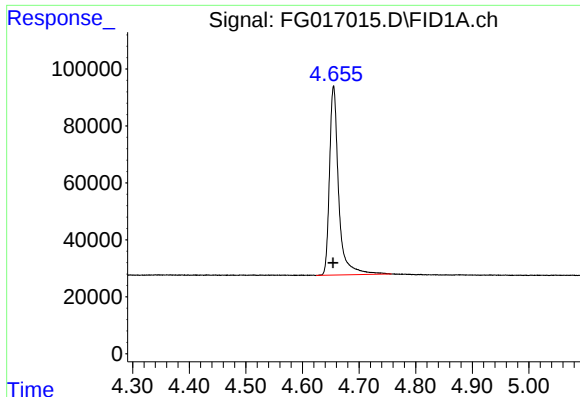
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

12/01/2025
 Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----12/02/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.079	350994	3.317 ug/ml
Spiked Amount 50.000		Recovery =	6.63%
6) S 2-Fluorobiphenyl (SURR)	8.974	217644	3.624 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.25%
11) S ortho-Terphenyl (SURR)	12.028	804543	5.382 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.655	748999	5.378 ug/ml
2) T Naphthalene (C11.7)	6.342	582751	4.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.447	467715	3.618 ug/ml
5) T Acenaphthylene (C15.06)	8.752	578577	4.549 ug/ml
7) T Acenaphthene (C15.5)	9.050	709061	5.073 ug/ml
8) T Flouorene (C16.55)	9.857	563898	4.572 ug/ml
9) T Phenanthrene (C19.36)	11.271	546163	4.461 ug/ml
10) T Anthracene (C19.43)	11.351	641255	4.885 ug/ml
12) T Fluoranthene (C21.85)	13.103	651744	4.870 ug/ml
13) T Pyrene (C20.8)	13.400	693304	5.089 ug/ml
14) T Benzo[a]anthracene (C...	15.305	336749	3.364 ug/ml
15) T Chrysene (C27.41)	15.343	836658	5.648 ug/ml
16) T benzo[b]fluoranthene ...	16.871	442511	4.146 ug/ml
17) T Bnezo[k]fluoranthene ...	16.903	821389	6.018 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.264	446118	4.150 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.648	513330	6.049 ug/ml
20) T Dibenz[a,h]anthracene...	18.692	745693	5.038 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.898	645922	5.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



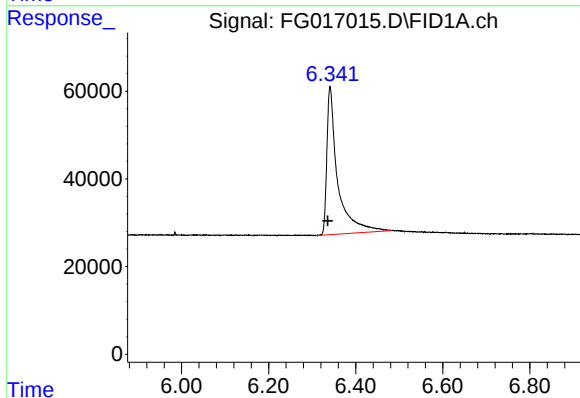
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 748999
Conc: 5.38 ug/ml

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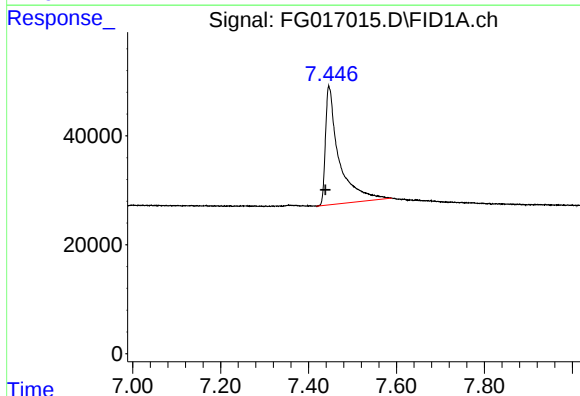


#2 Naphthalene (C11.7)

R.T.: 6.342 min
Delta R.T.: 0.006 min
Response: 582751
Conc: 4.37 ug/ml

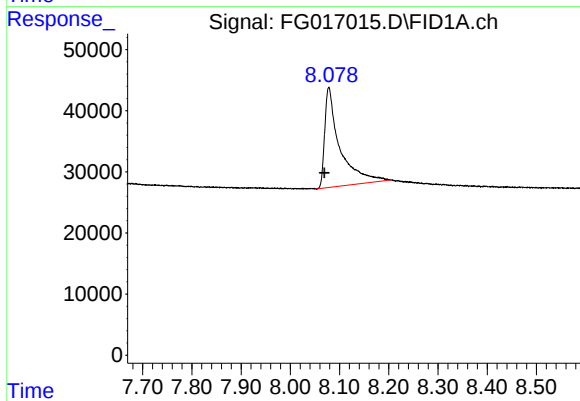
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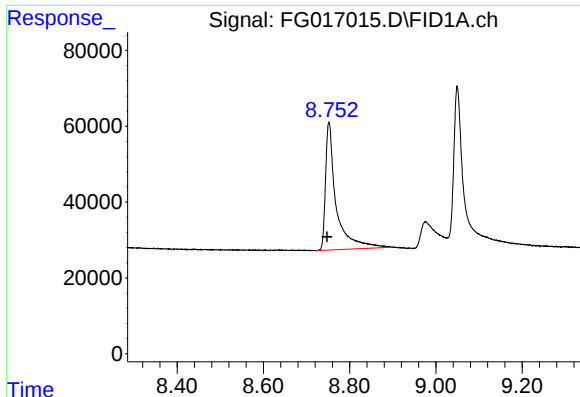
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.447 min
Delta R.T.: 0.009 min
Response: 467715
Conc: 3.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.079 min
Delta R.T.: 0.010 min
Response: 350994
Conc: 3.32 ug/ml



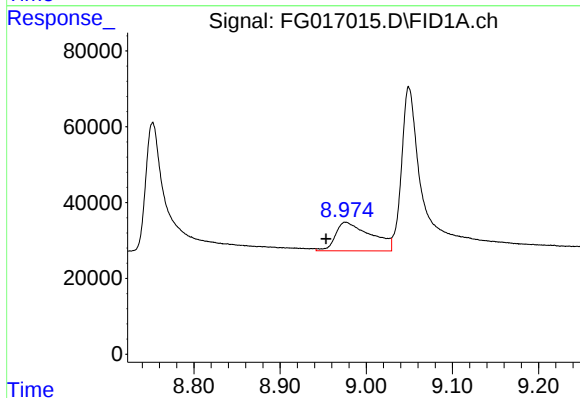
#5 Acenaphthylene (C15.06)

R.T.: 8.752 min
Delta R.T.: 0.005 min
Response: 578577
Conc: 4.55 ug/ml

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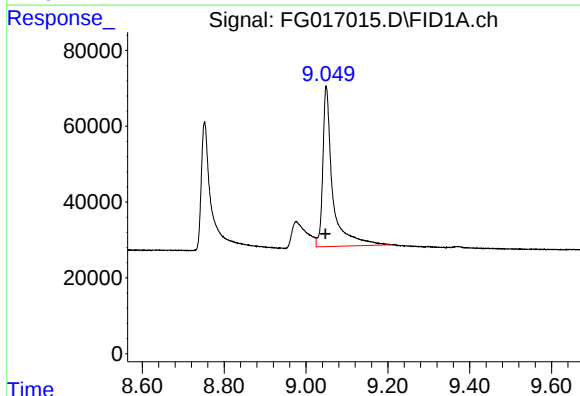


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.974 min
Delta R.T.: 0.021 min
Response: 217644
Conc: 3.62 ug/ml m

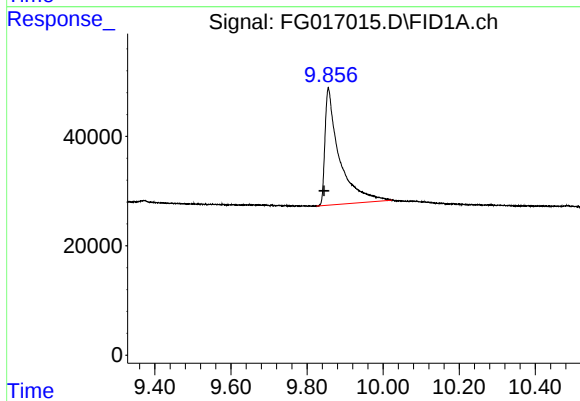
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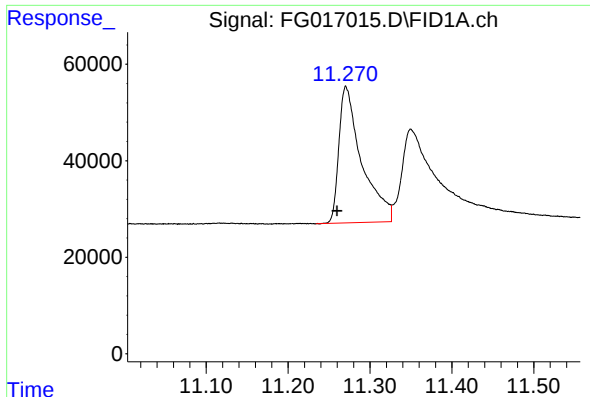
#7 Acenaphthene (C15.5)

R.T.: 9.050 min
Delta R.T.: 0.002 min
Response: 709061
Conc: 5.07 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.857 min
Delta R.T.: 0.012 min
Response: 563898
Conc: 4.57 ug/ml



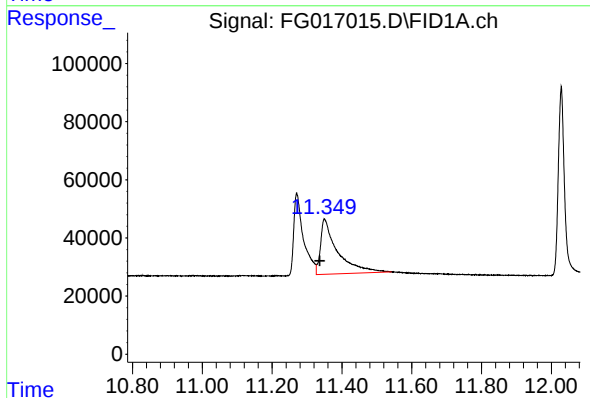
#9 Phenanthrene (C19.36)

R.T.: 11.271 min
Delta R.T.: 0.012 min
Response: 546163
Conc: 4.46 ug/ml

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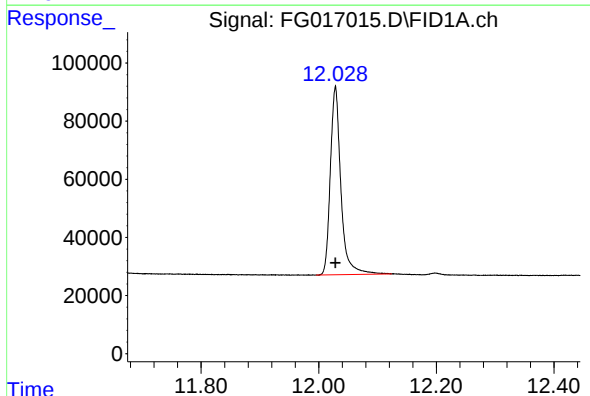


#10 Anthracene (C19.43)

R.T.: 11.351 min
Delta R.T.: 0.014 min
Response: 641255
Conc: 4.88 ug/ml

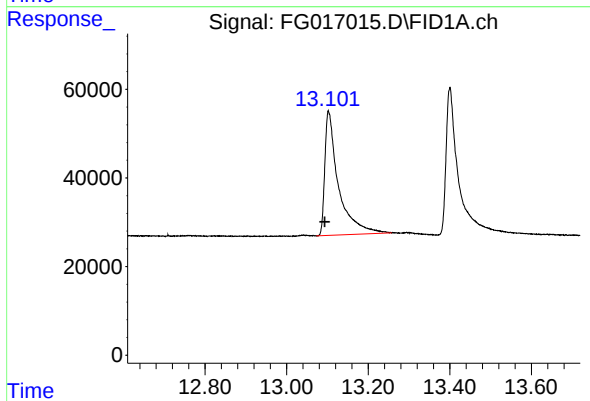
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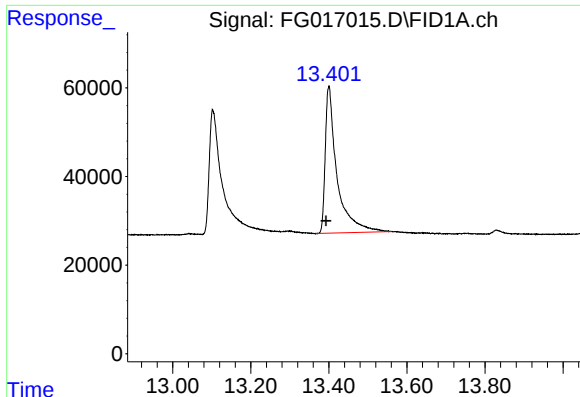
#11 ortho-Terphenyl (SURR)

R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 804543
Conc: 5.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.103 min
Delta R.T.: 0.010 min
Response: 651744
Conc: 4.87 ug/ml



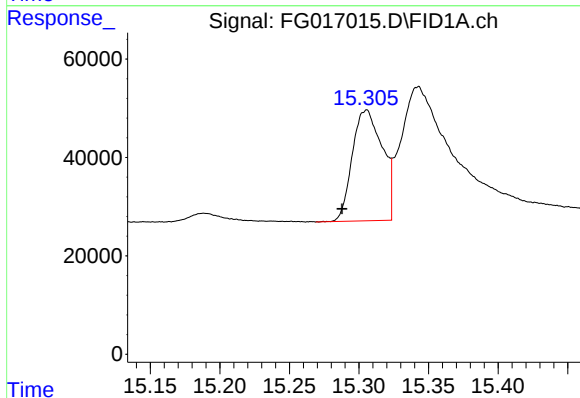
#13 Pyrene (C20.8)

R.T.: 13.400 min
Delta R.T.: 0.007 min
Response: 693304
Conc: 5.09 ug/ml

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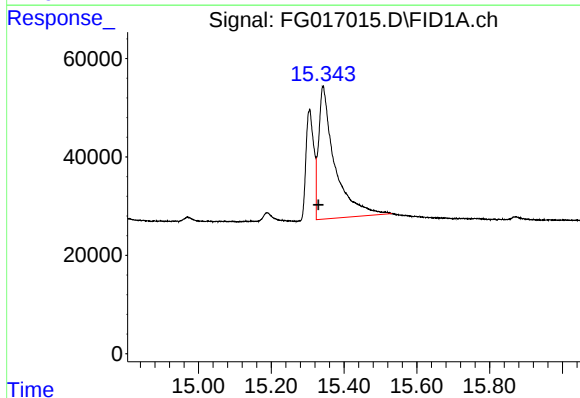


#14 Benzo[a]anthracene (C26.37)

R.T.: 15.305 min
Delta R.T.: 0.017 min
Response: 336749
Conc: 3.36 ug/ml

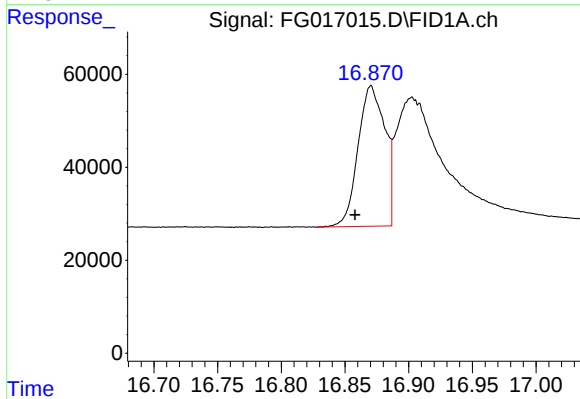
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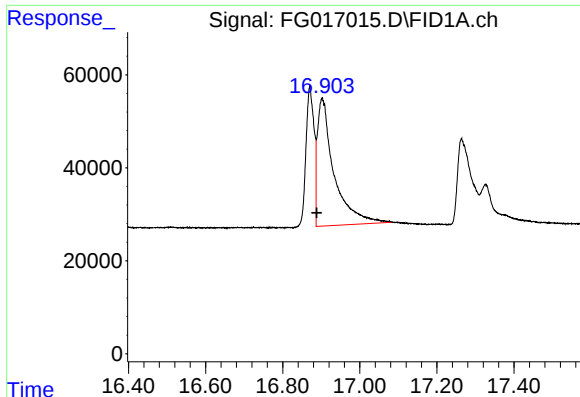
#15 Chrysene (C27.41)

R.T.: 15.343 min
Delta R.T.: 0.013 min
Response: 836658
Conc: 5.65 ug/ml



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

R.T.: 16.871 min
Delta R.T.: 0.013 min
Response: 442511
Conc: 4.15 ug/ml



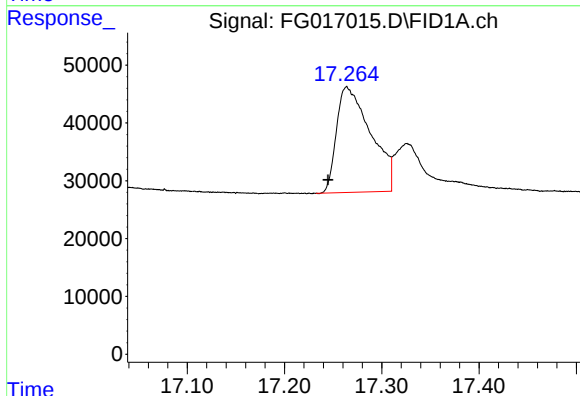
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.903 min
Delta R.T.: 0.014 min
Response: 821389
Conc: 6.02 ug/ml

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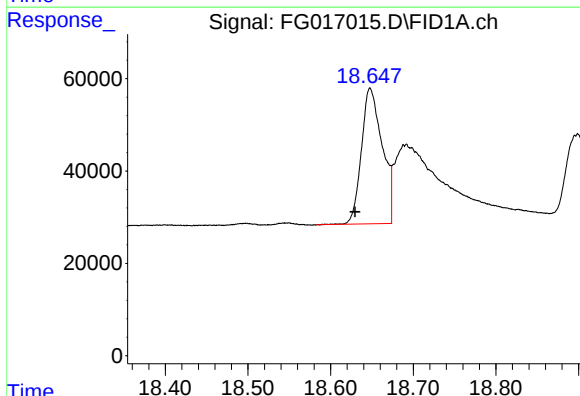


#18 Benzo[a]pyrene (C31.34)

R.T.: 17.264 min
Delta R.T.: 0.020 min
Response: 446118
Conc: 4.15 ug/ml

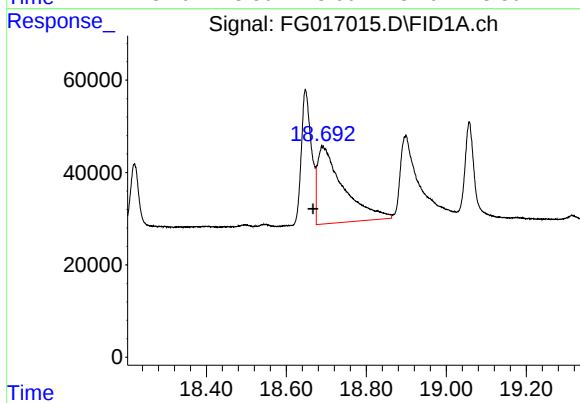
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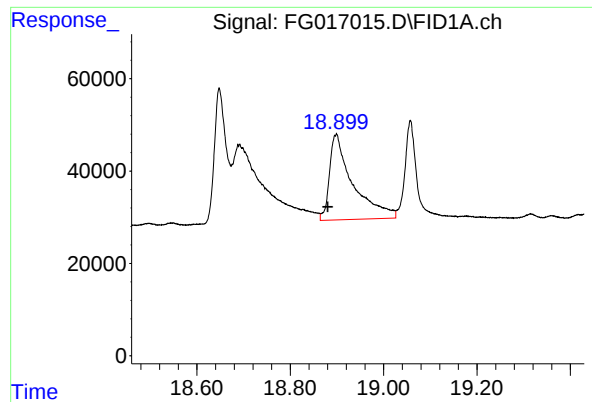
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.648 min
Delta R.T.: 0.019 min
Response: 513330
Conc: 6.05 ug/ml



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

R.T.: 18.692 min
Delta R.T.: 0.025 min
Response: 745693
Conc: 5.04 ug/ml m



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

R.T.: 18.898 min
Delta R.T.: 0.018 min
Response: 645922
Conc: 5.28 ug/ml

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