

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017109.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 23:12
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 06 05:14:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 2025
 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...	8.067	2546523	27.353 ug/ml
Spiked Amount 50.000		Recovery =	54.71%
6) S 2-Fluorobiphenyl (SURR)	8.950	1551707	27.585 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.17%
11) S ortho-Terphenyl (SURR)	12.028	3409967	23.954 ug/ml
Spiked Amount 50.000		Recovery =	47.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.653	3363169	25.439 ug/ml
2) T Naphthalene (C11.7)	6.334	3213265	26.269 ug/ml
3) T 2-Methylnaphthalene (...)	7.437	3075696	27.166 ug/ml
5) T Acenaphthylene (C15.06)	8.747	3077950	25.655 ug/ml
7) T Acenaphthene (C15.5)	9.048	3309619	24.827 ug/ml
8) T Flouorene (C16.55)	9.843	3023338	25.716 ug/ml
9) T Phenanthrene (C19.36)	11.258	2890392	25.272 ug/ml
10) T Anthracene (C19.43)	11.335	2586292	21.286 ug/ml
12) T Fluoranthene (C21.85)	13.092	3088407	24.450 ug/ml
13) T Pyrene (C20.8)	13.393	3123736	24.262 ug/ml
14) T Benzo[a]anthracene (C...	15.289	2567978	28.345 ug/ml
15) T Chrysene (C27.41)	15.331	3184570	22.458 ug/ml
16) T benzo[b]fluoranthene ...	16.858	2805414	28.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.890	3029320	23.112 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.243	2737294	27.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.629	2532817	28.615 ug/mlm
20) T Dibenz[a,h]anthracene...	18.663	3741660	28.037 ug/ml
21) T Benzo[g,h,i]perylene ...	18.883	3206852	27.813 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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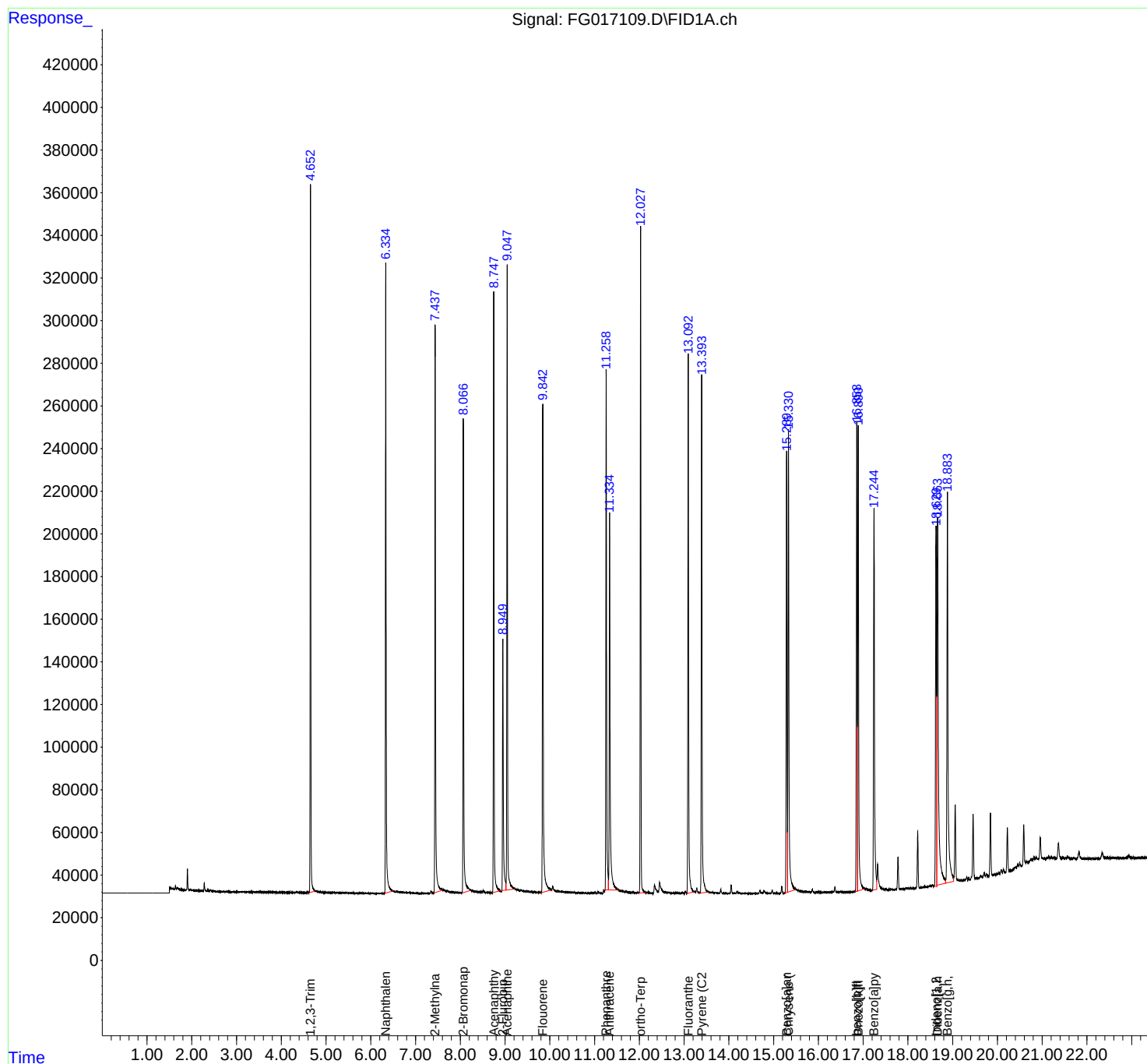
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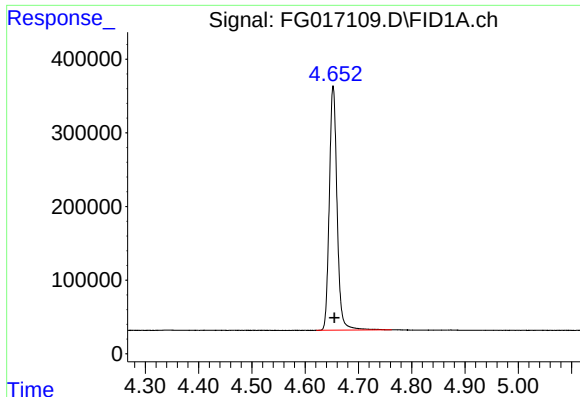
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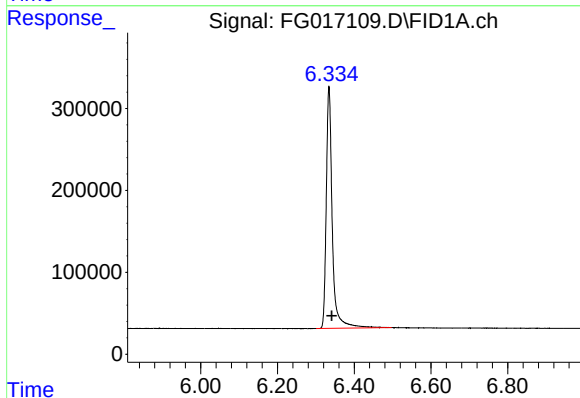
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 3363169
Conc: 25.44 ug/ml

Instrument :
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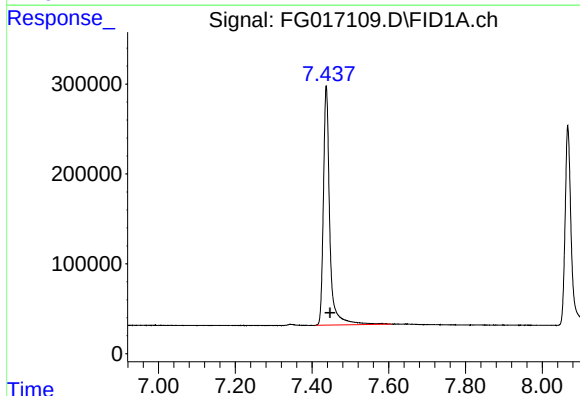
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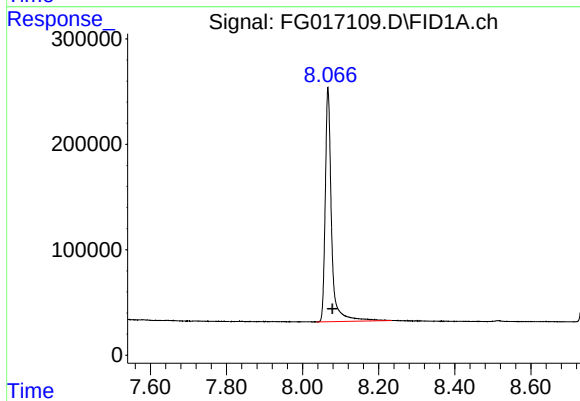
#2 Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: -0.007 min
Response: 3213265
Conc: 26.27 ug/ml



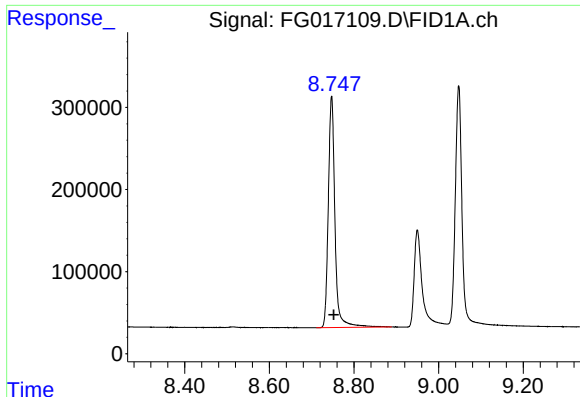
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.437 min
Delta R.T.: -0.010 min
Response: 3075696
Conc: 27.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.067 min
Delta R.T.: -0.012 min
Response: 2546523
Conc: 27.35 ug/ml



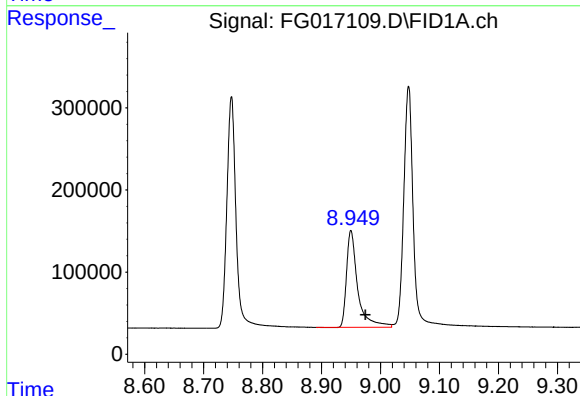
#5 Acenaphthylene (C15.06)

R.T.: 8.747 min
Delta R.T.: -0.005 min
Response: 3077950
Conc: 25.65 ug/ml

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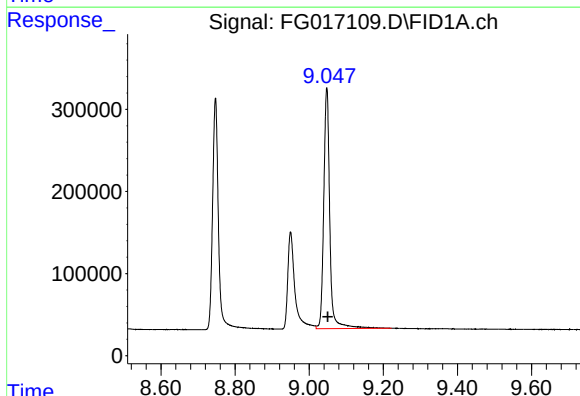
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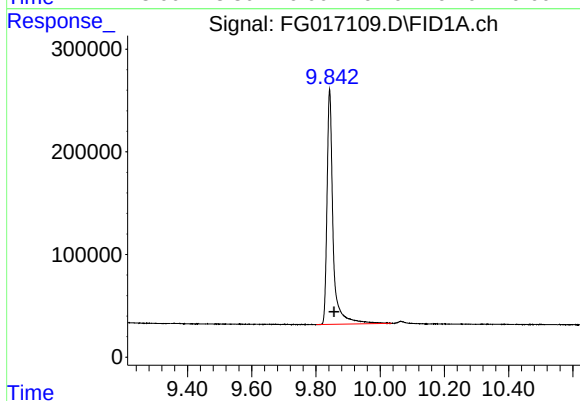
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.024 min
Response: 1551707
Conc: 27.58 ug/ml



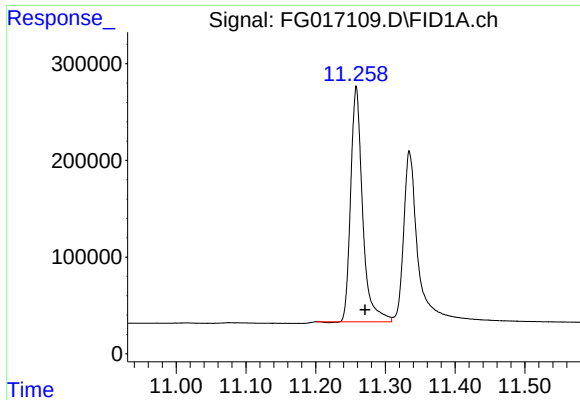
#7 Acenaphthene (C15.5)

R.T.: 9.048 min
Delta R.T.: -0.002 min
Response: 3309619
Conc: 24.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.843 min
Delta R.T.: -0.014 min
Response: 3023338
Conc: 25.72 ug/ml



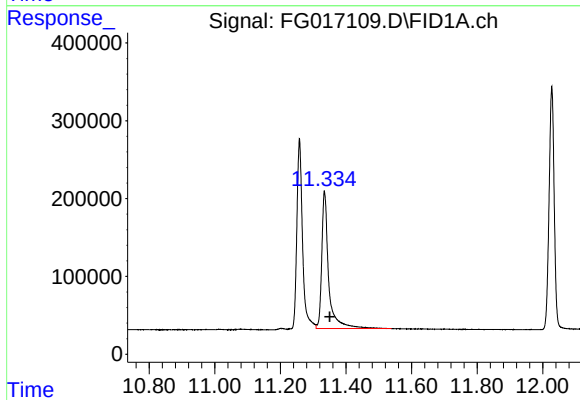
#9 Phenanthrene (C19.36)

R.T.: 11.258 min
Delta R.T.: -0.013 min
Response: 2890392
Conc: 25.27 ug/ml

Instrument :
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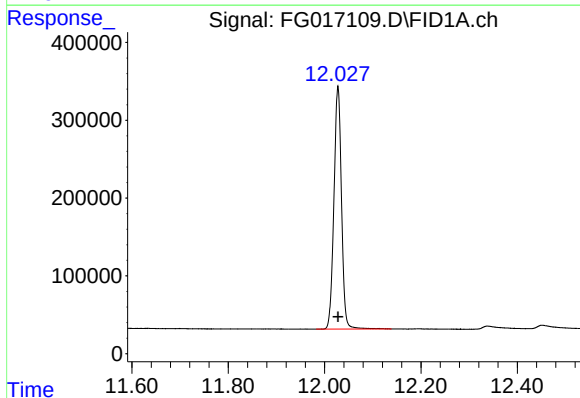
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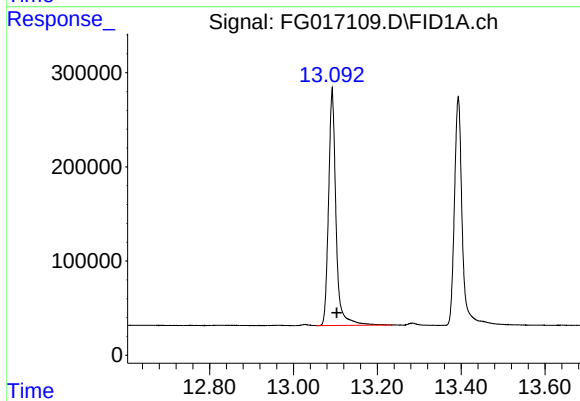
#10 Anthracene (C19.43)

R.T.: 11.335 min
Delta R.T.: -0.016 min
Response: 2586292
Conc: 21.29 ug/ml



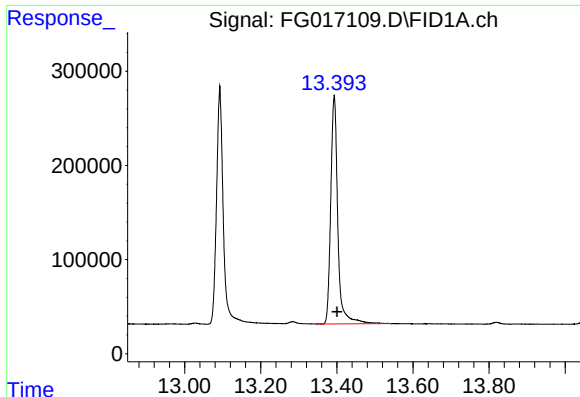
#11 ortho-Terphenyl (SURR)

R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 3409967
Conc: 23.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.092 min
Delta R.T.: -0.011 min
Response: 3088407
Conc: 24.45 ug/ml



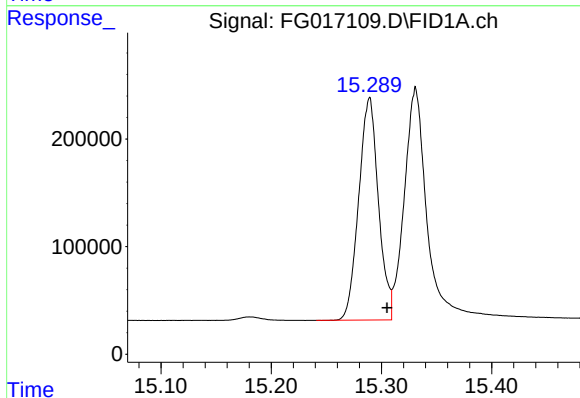
#13 Pyrene (C20.8)

R.T.: 13.393 min
Delta R.T.: -0.007 min
Response: 3123736
Conc: 24.26 ug/ml

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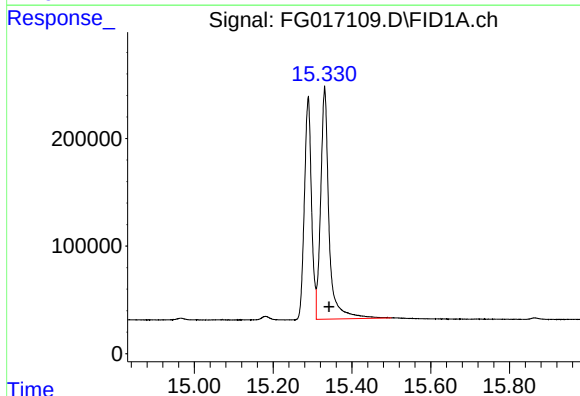
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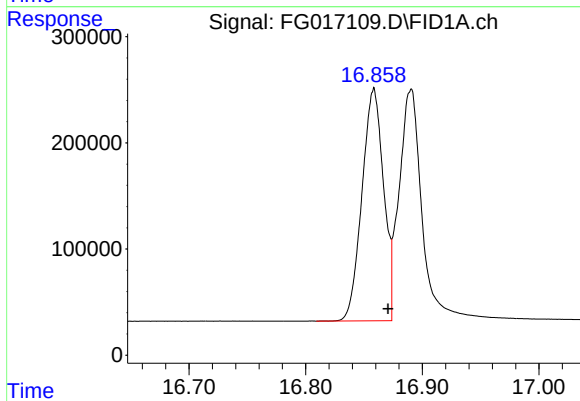
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.289 min
Delta R.T.: -0.016 min
Response: 2567978
Conc: 28.34 ug/ml



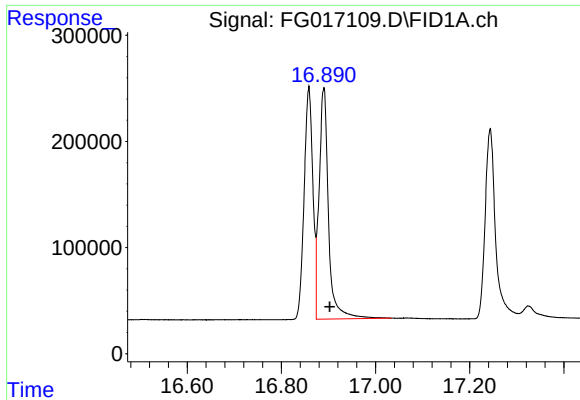
#15 Chrysene (C27.41)

R.T.: 15.331 min
Delta R.T.: -0.012 min
Response: 3184570
Conc: 22.46 ug/ml



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

R.T.: 16.858 min
Delta R.T.: -0.012 min
Response: 2805414
Conc: 28.45 ug/ml



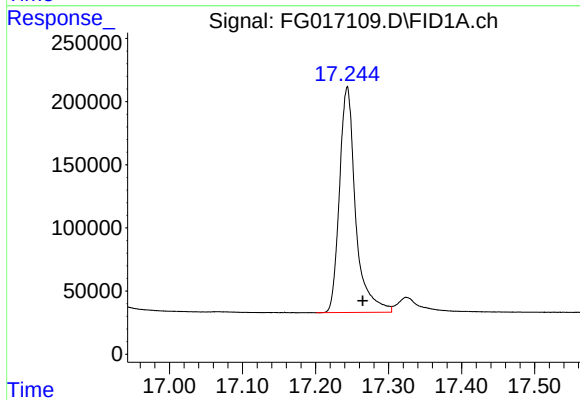
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.890 min
Delta R.T.: -0.013 min
Response: 3029320
Conc: 23.11 ug/ml

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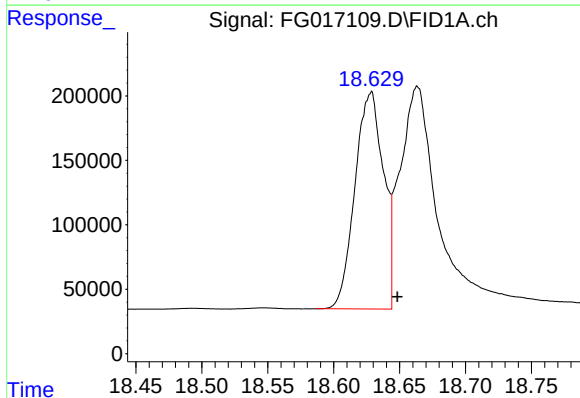
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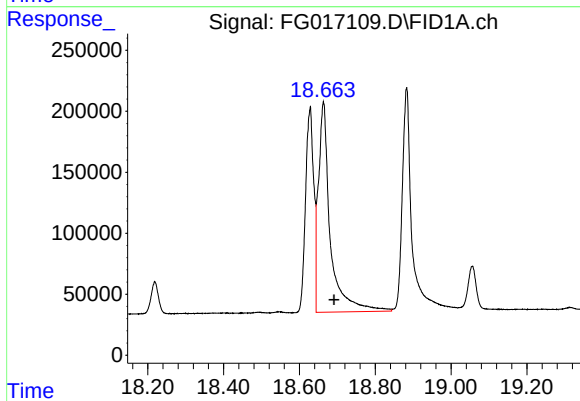
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.243 min
Delta R.T.: -0.021 min
Response: 2737294
Conc: 27.57 ug/ml



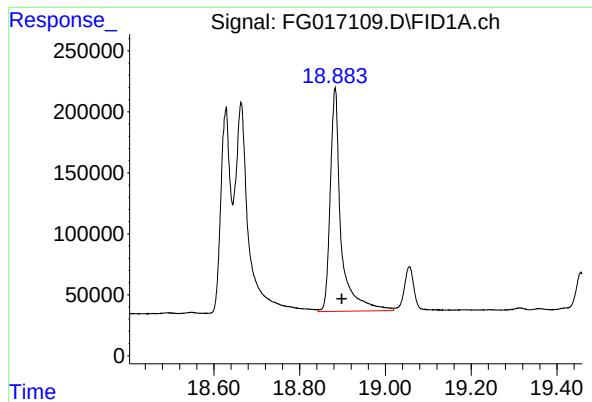
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.629 min
Delta R.T.: -0.019 min
Response: 2532817
Conc: 28.62 ug/ml m



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

R.T.: 18.663 min
Delta R.T.: -0.029 min
Response: 3741660
Conc: 28.04 ug/ml



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

R.T.: 18.883 min
Delta R.T.: -0.016 min
Response: 3206852
Conc: 27.81 ug/ml

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