

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525AR\
 Data File : FG017161.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 10:44
 Operator : YP\AJ
 Sample : PB170799BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170799BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File: autoint1.e
 Quant Time: Dec 16 00:46:56 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...	8.064	3234070	34.739 ug/ml
Spiked Amount 50.000		Recovery =	69.48%
6) S 2-Fluorobiphenyl (SURR)	8.947	2025523	36.008 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.02%
11) S ortho-Terphenyl (SURR)	12.025	4006823	28.146 ug/ml
Spiked Amount 50.000		Recovery =	56.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.649	2762890	20.898 ug/ml
2) T Naphthalene (C11.7)	6.332	3106679	25.398 ug/ml
3) T 2-Methylnaphthalene (...)	7.434	2842467	25.106 ug/ml
5) T Acenaphthylene (C15.06)	8.744	3763895	31.372 ug/ml
7) T Acenaphthene (C15.5)	9.044	3976879	29.833 ug/ml
8) T Flouorene (C16.55)	9.840	3865532	32.879 ug/ml
9) T Phenanthrene (C19.36)	11.256	3916622	34.245 ug/ml
10) T Anthracene (C19.43)	11.332	4070917	33.505 ug/ml
12) T Fluoranthene (C21.85)	13.091	4149286	32.848 ug/ml
13) T Pyrene (C20.8)	13.391	4100441	31.848 ug/ml
14) T Benzo[a]anthracene (C...	15.286	3547227	39.153 ug/ml
15) T Chrysene (C27.41)	15.329	4835587	34.102 ug/ml
16) T benzo[b]fluoranthene ...	16.857	3809797	38.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.889	4409535	33.642 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.241	3776105	38.030 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.625	3087624	34.884 ug/mlm
20) T Dibenz[a,h]anthracene...	18.661	4962916	37.189 ug/ml
21) T Benzo[g,h,i]perylene ...	18.879	4304178	37.330 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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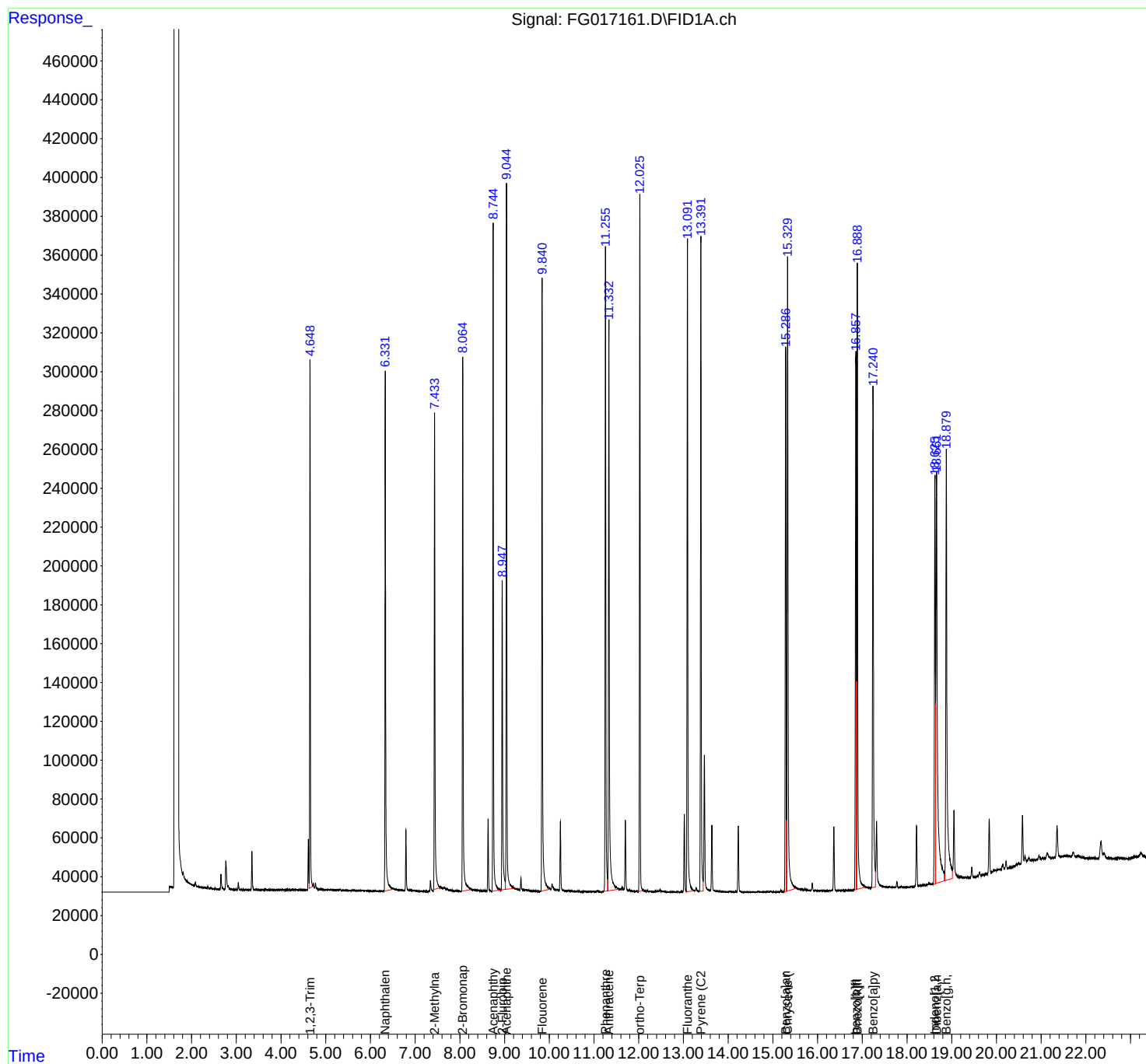
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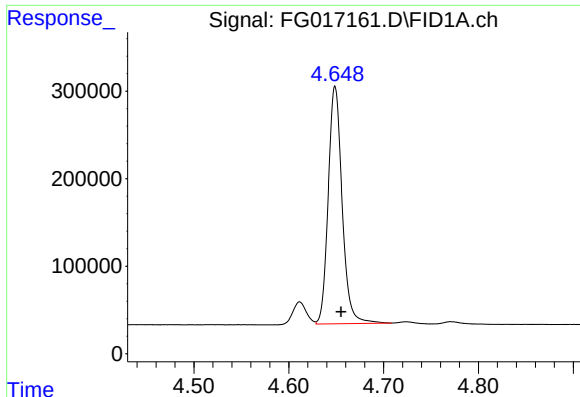
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 2762890
Conc: 20.90 ug/ml

Instrument :

FID_G

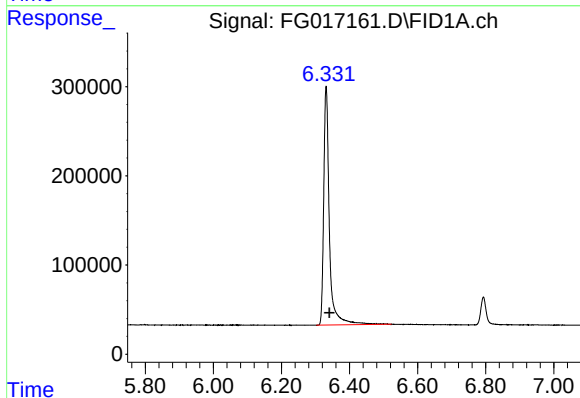
ClientSampleId :

PB170799BS

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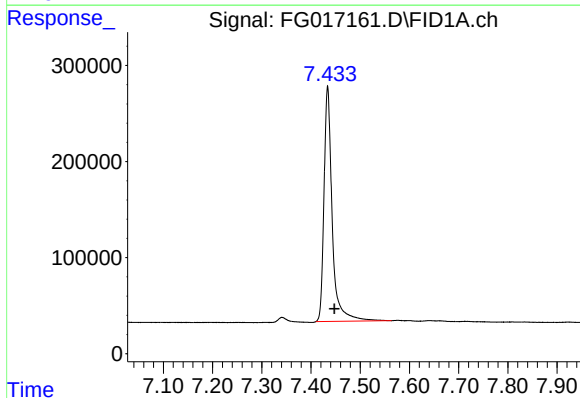
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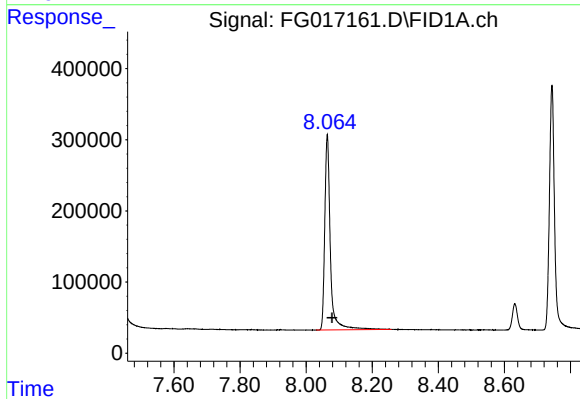
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: -0.010 min
Response: 3106679
Conc: 25.40 ug/ml



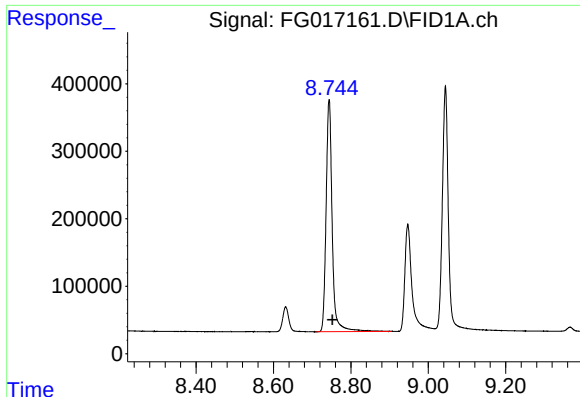
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.434 min
Delta R.T.: -0.013 min
Response: 2842467
Conc: 25.11 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.064 min
Delta R.T.: -0.015 min
Response: 3234070
Conc: 34.74 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.744 min
Delta R.T.: -0.009 min
Response: 3763895
Conc: 31.37 ug/ml

Instrument :

FID_G

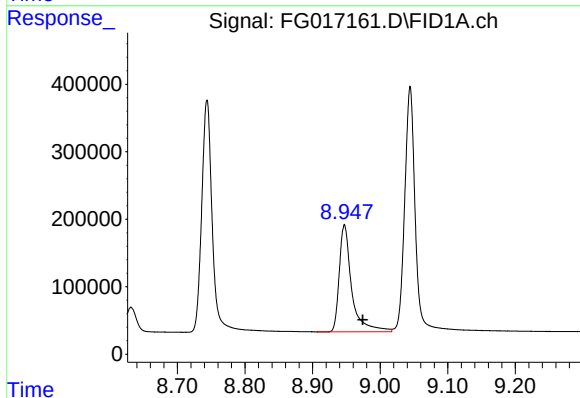
ClientSampleId :

PB170799BS

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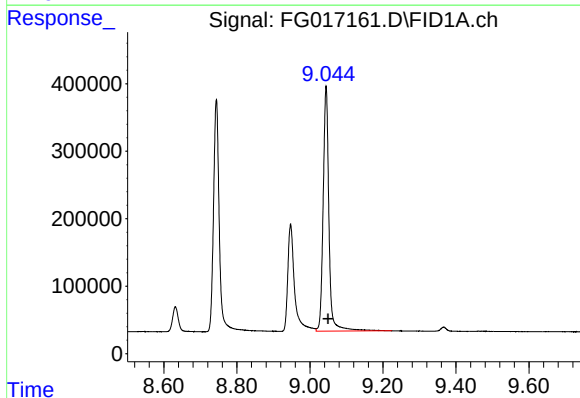
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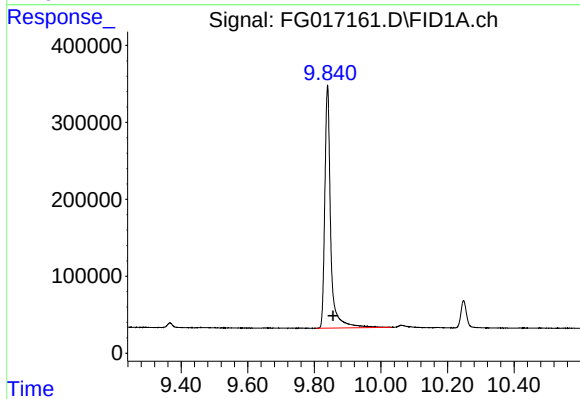
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.947 min
Delta R.T.: -0.027 min
Response: 2025523
Conc: 36.01 ug/ml



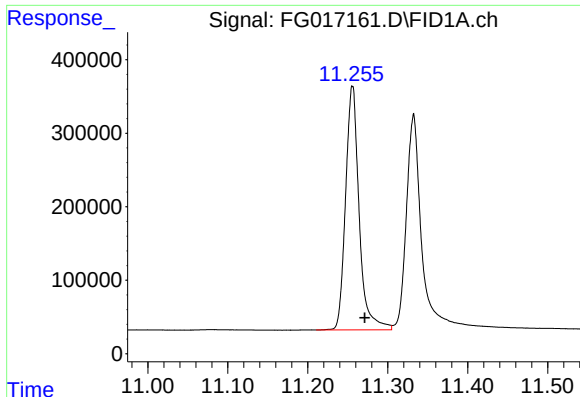
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: -0.005 min
Response: 3976879
Conc: 29.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.840 min
Delta R.T.: -0.017 min
Response: 3865532
Conc: 32.88 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.256 min
Delta R.T.: -0.015 min
Response: 3916622
Conc: 34.25 ug/ml

Instrument :

FID_G

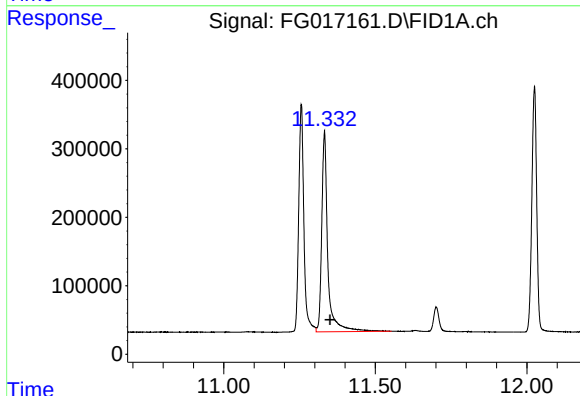
ClientSampleId :

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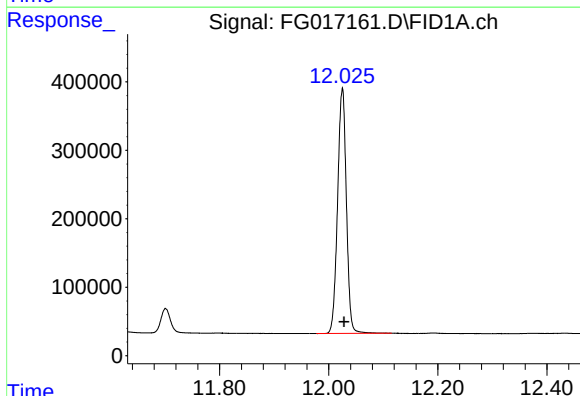
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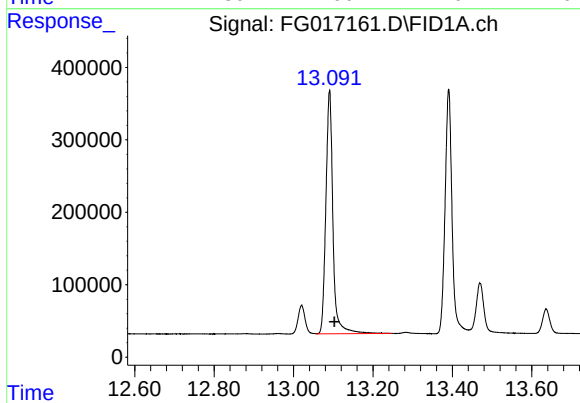
#10 Anthracene (C19.43)

R.T.: 11.332 min
Delta R.T.: -0.019 min
Response: 4070917
Conc: 33.50 ug/ml



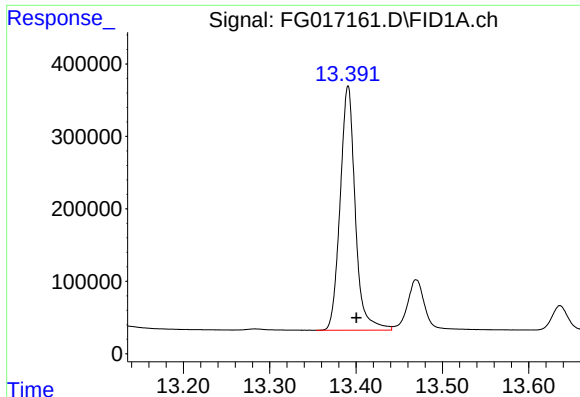
#11 ortho-Terphenyl (SURR)

R.T.: 12.025 min
Delta R.T.: -0.003 min
Response: 4006823
Conc: 28.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.091 min
Delta R.T.: -0.013 min
Response: 4149286
Conc: 32.85 ug/ml



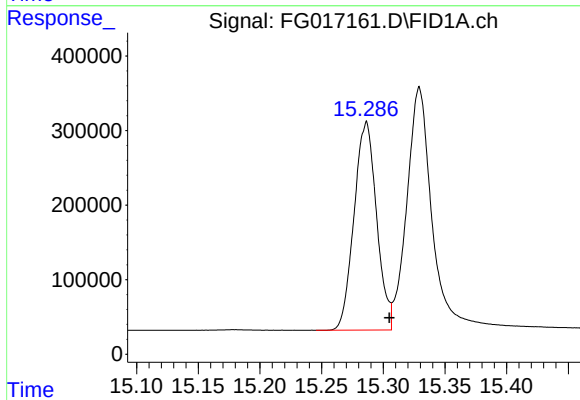
#13 Pyrene (C20.8)

R.T.: 13.391 min
Delta R.T.: -0.010 min
Response: 4100441
Conc: 31.85 ug/ml

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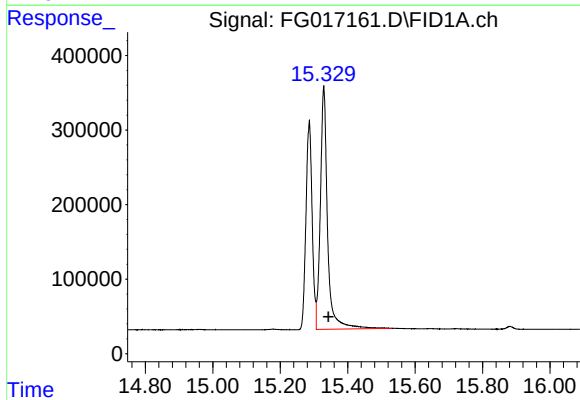
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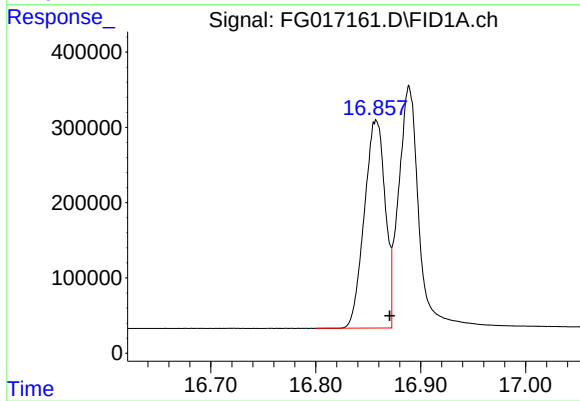
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.286 min
Delta R.T.: -0.019 min
Response: 3547227
Conc: 39.15 ug/ml



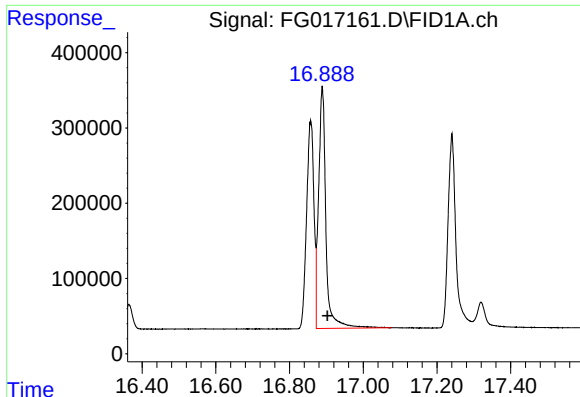
#15 Chrysene (C27.41)

R.T.: 15.329 min
Delta R.T.: -0.013 min
Response: 4835587
Conc: 34.10 ug/ml



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

R.T.: 16.857 min
Delta R.T.: -0.013 min
Response: 3809797
Conc: 38.64 ug/ml



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

R.T.: 16.889 min
Delta R.T.: -0.014 min
Response: 4409535
Conc: 33.64 ug/ml

Instrument :

FID_G

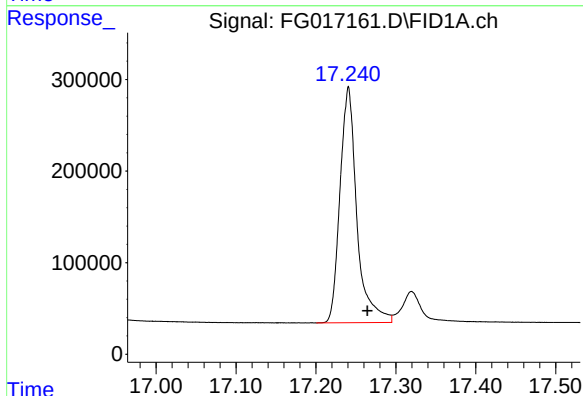
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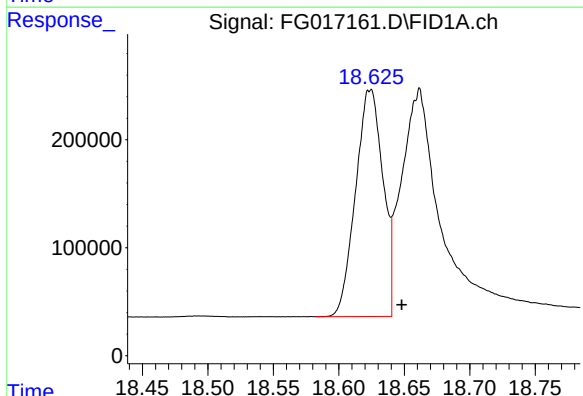
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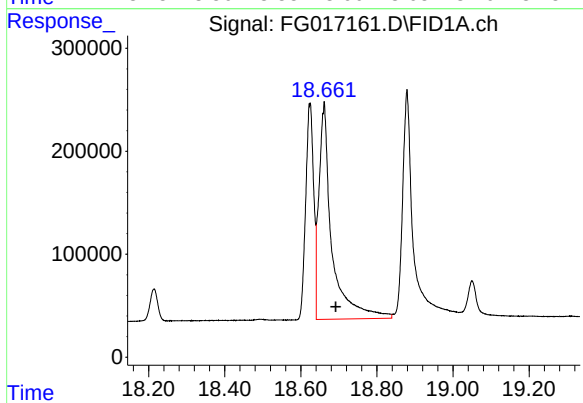
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.241 min
Delta R.T.: -0.024 min
Response: 3776105
Conc: 38.03 ug/ml



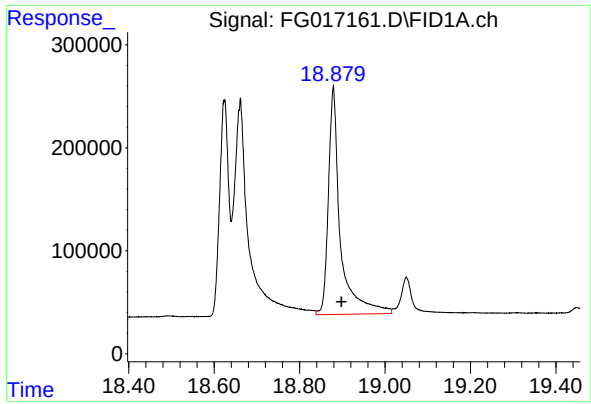
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.625 min
Delta R.T.: -0.023 min
Response: 3087624
Conc: 34.88 ug/ml m



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

R.T.: 18.661 min
Delta R.T.: -0.031 min
Response: 4962916
Conc: 37.19 ug/ml



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

R.T.: 18.879 min
Delta R.T.: -0.019 min
Response: 4304178
Conc: 37.33 ug/ml

Instrument :

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