

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AR\
 Data File : FG017014.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 17:45
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 01 08:39:31 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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.073	803954	7.598 ug/ml
Spiked Amount 50.000		Recovery =	15.20%
6) S 2-Fluorobiphenyl (SURR)	8.962	419722	6.989 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	13.98%
11) S ortho-Terphenyl (SURR)	12.028	1389621	9.297 ug/ml
Spiked Amount 50.000		Recovery =	18.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.654	1295120	9.300 ug/ml
2) T Naphthalene (C11.7)	6.338	1129259	8.468 ug/ml
3) T 2-Methylnaphthalene (...)	7.442	994453	7.693 ug/ml
5) T Acenaphthylene (C15.06)	8.749	1094338	8.604 ug/ml
7) T Acenaphthene (C15.5)	9.048	1253258	8.967 ug/ml
8) T Flouorene (C16.55)	9.849	1065615	8.640 ug/ml
9) T Phenanthrene (C19.36)	11.263	1058856	8.649 ug/ml
10) T Anthracene (C19.43)	11.342	1176548	8.962 ug/ml
12) T Fluoranthene (C21.85)	13.095	1200707	8.972 ug/ml
13) T Pyrene (C20.8)	13.395	1242385	9.120 ug/ml
14) T Benzo[a]anthracene (C...	15.295	753863	7.531 ug/ml
15) T Chrysene (C27.41)	15.334	1446143	9.762 ug/ml
16) T benzo[b]fluoranthene ...	16.863	844511	7.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.894	1359512	9.960 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.255	897591	8.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.642	818875	9.649 ug/ml
20) T Dibenz[a,h]anthracene...	18.681	1352145	9.135 ug/ml
21) T Benzo[g,h,i]perylene ...	18.886	1124283	9.191 ug/ml

(f)=RT Delta > 1/2 Window

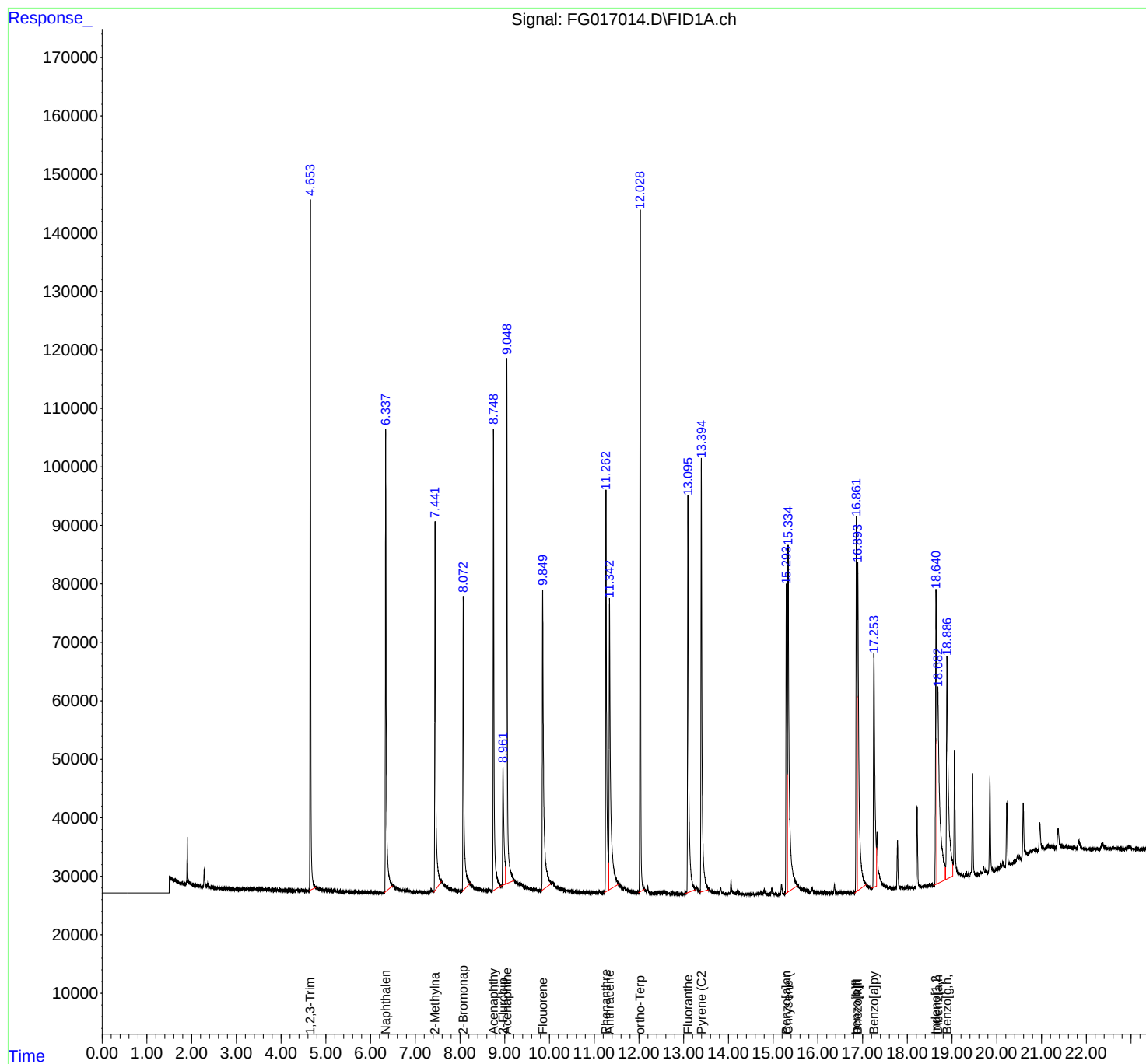
(m)=manual int.

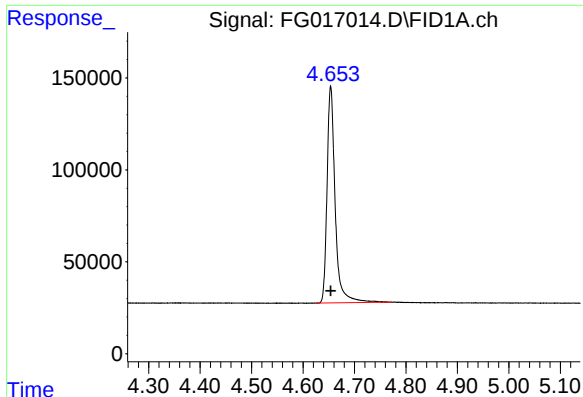
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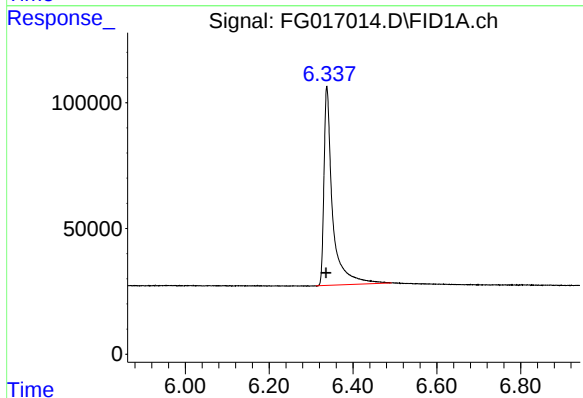




#1 1,2,3-Trimethylbenzene (C10.1)

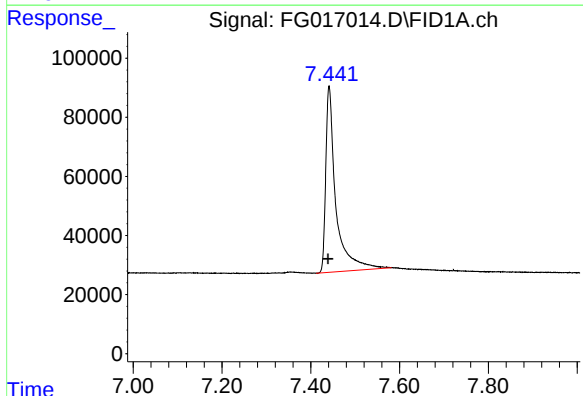
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 1295120
Conc: 9.30 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



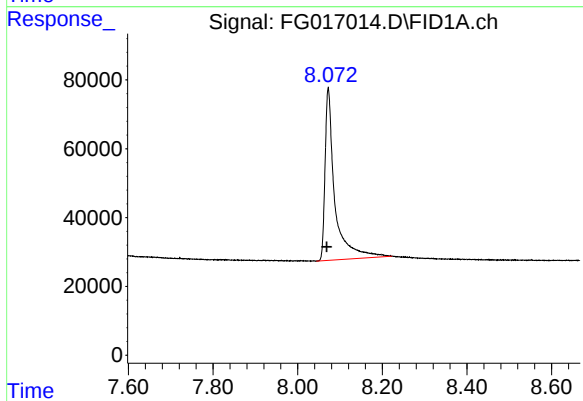
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: 0.002 min
Response: 1129259
Conc: 8.47 ug/ml



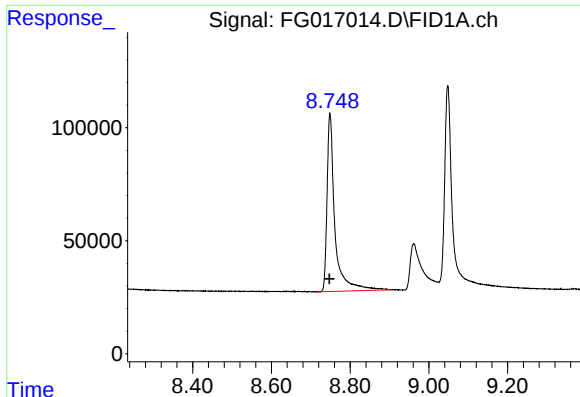
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.442 min
Delta R.T.: 0.003 min
Response: 994453
Conc: 7.69 ug/ml



#4 2-Bromonaphthalene (SURR)

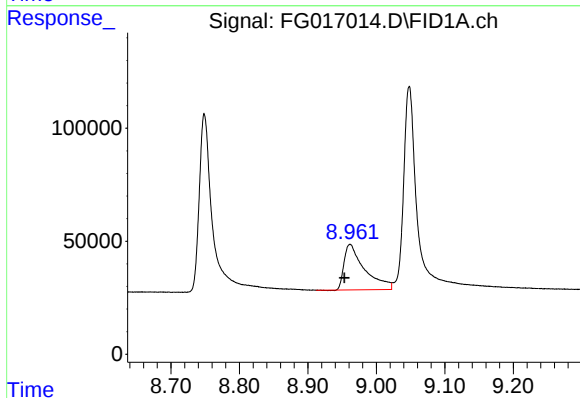
R.T.: 8.073 min
Delta R.T.: 0.004 min
Response: 803954
Conc: 7.60 ug/ml



#5 Acenaphthylene (C15.06)

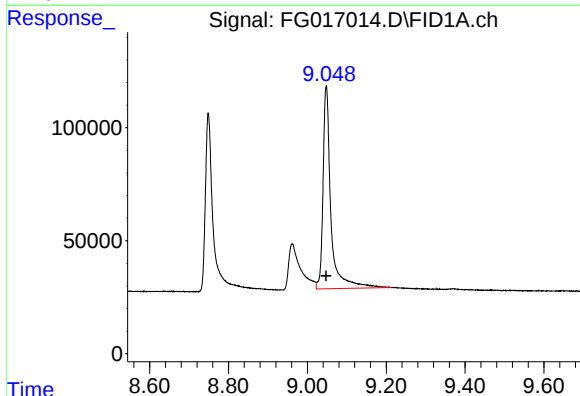
R.T.: 8.749 min
Delta R.T.: 0.002 min
Response: 1094338
Conc: 8.60 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



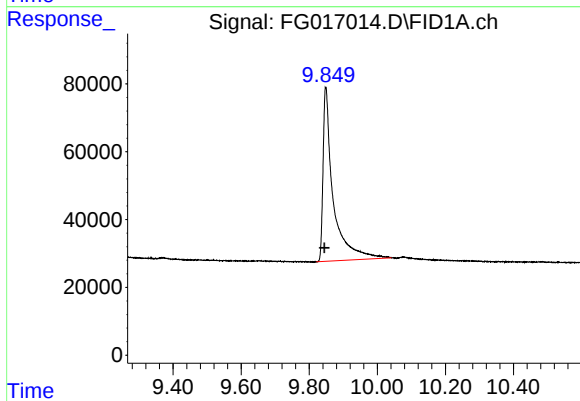
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.962 min
Delta R.T.: 0.009 min
Response: 419722
Conc: 6.99 ug/ml



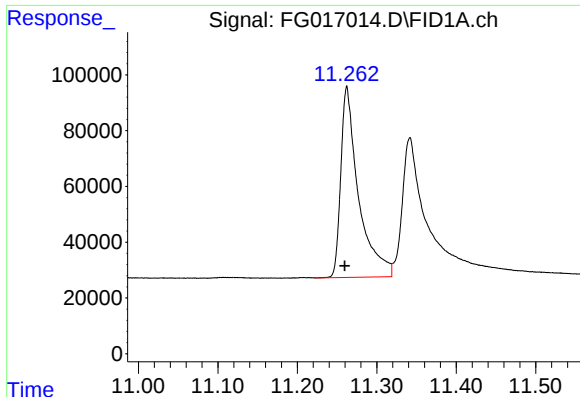
#7 Acenaphthene (C15.5)

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 1253258
Conc: 8.97 ug/ml



#8 Fluorene (C16.55)

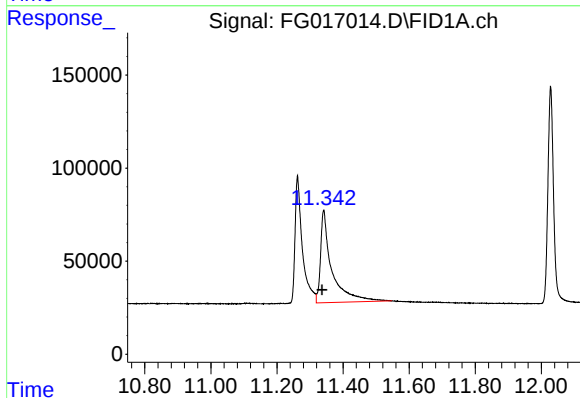
R.T.: 9.849 min
Delta R.T.: 0.004 min
Response: 1065615
Conc: 8.64 ug/ml



#9 Phenanthrene (C19.36)

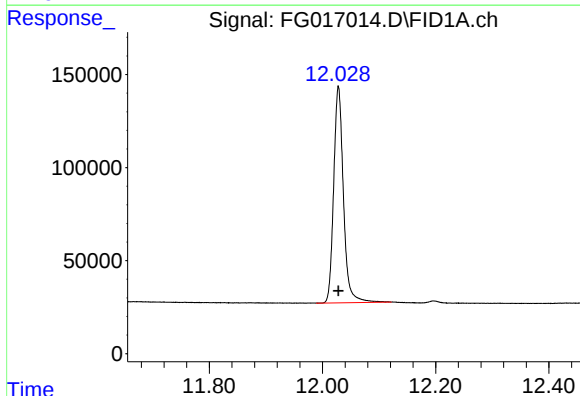
R.T.: 11.263 min
Delta R.T.: 0.003 min
Response: 1058856
Conc: 8.65 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



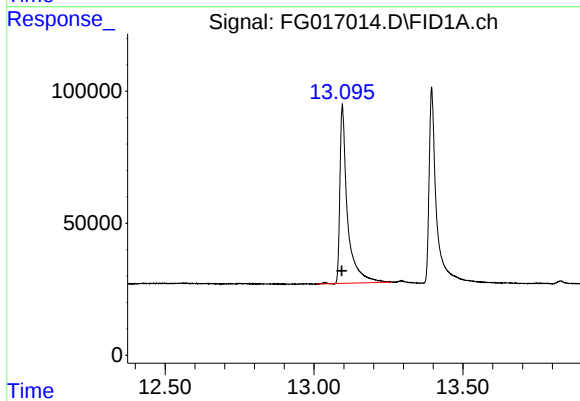
#10 Anthracene (C19.43)

R.T.: 11.342 min
Delta R.T.: 0.005 min
Response: 1176548
Conc: 8.96 ug/ml



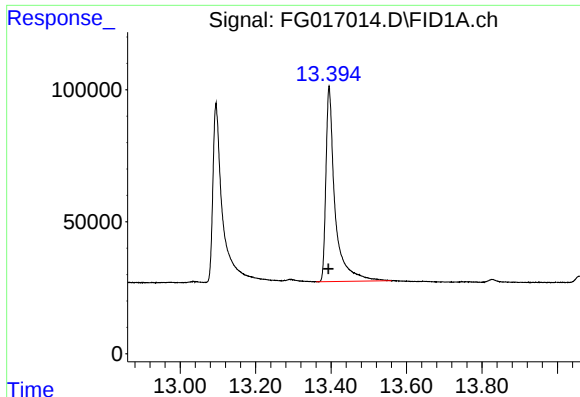
#11 ortho-Terphenyl (SURR)

R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 1389621
Conc: 9.30 ug/ml



#12 Fluoranthene (C21.85)

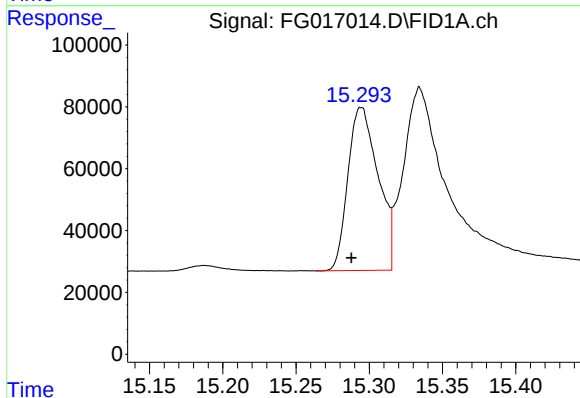
R.T.: 13.095 min
Delta R.T.: 0.002 min
Response: 1200707
Conc: 8.97 ug/ml



#13 Pyrene (C20.8)

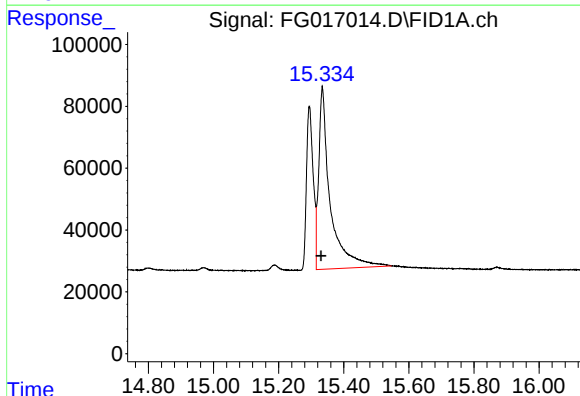
R.T.: 13.395 min
Delta R.T.: 0.002 min
Response: 1242385
Conc: 9.12 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



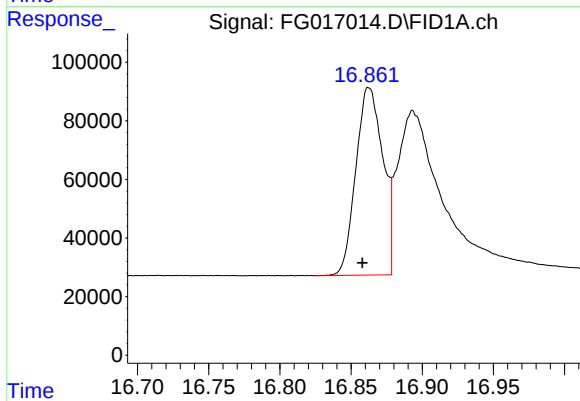
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.295 min
Delta R.T.: 0.007 min
Response: 753863
Conc: 7.53 ug/ml



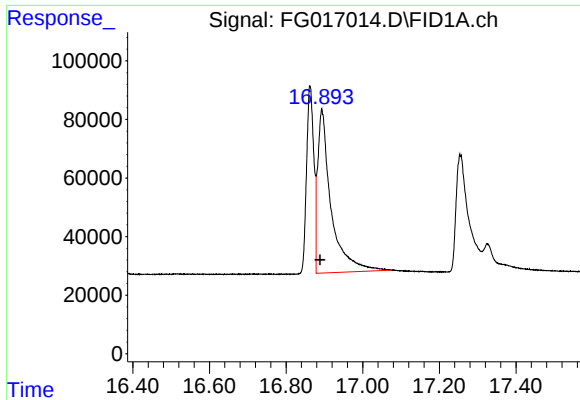
#15 Chrysene (C27.41)

R.T.: 15.334 min
Delta R.T.: 0.004 min
Response: 1446143
Conc: 9.76 ug/ml



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

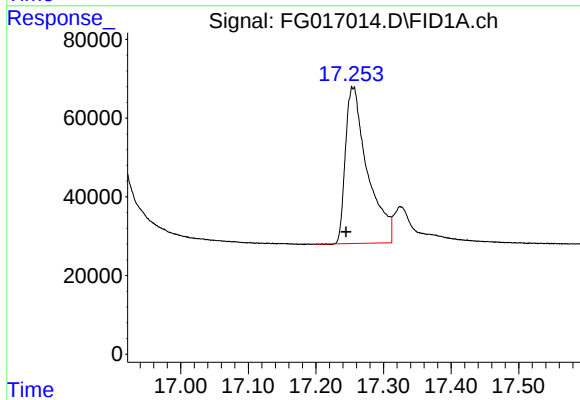
R.T.: 16.863 min
Delta R.T.: 0.005 min
Response: 844511
Conc: 7.91 ug/ml



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

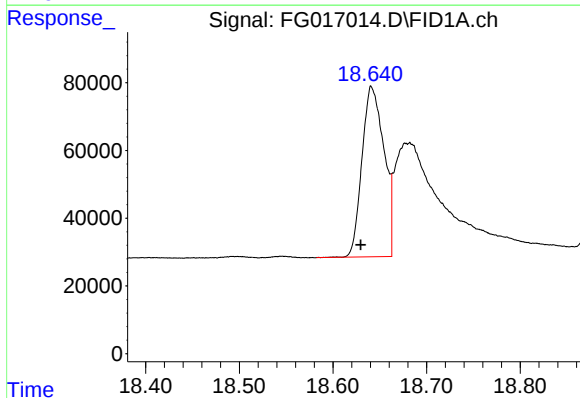
R.T.: 16.894 min
Delta R.T.: 0.005 min
Response: 1359512
Conc: 9.96 ug/ml

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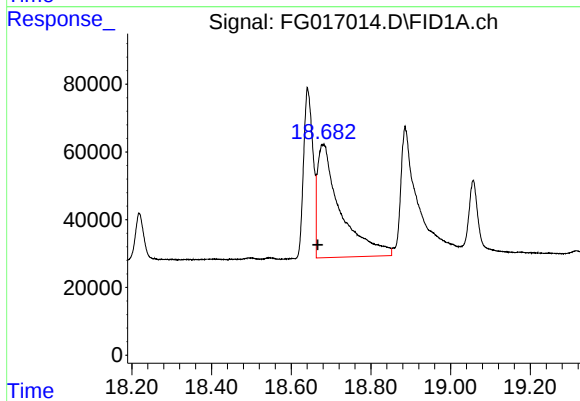
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.255 min
Delta R.T.: 0.010 min
Response: 897591
Conc: 8.35 ug/ml



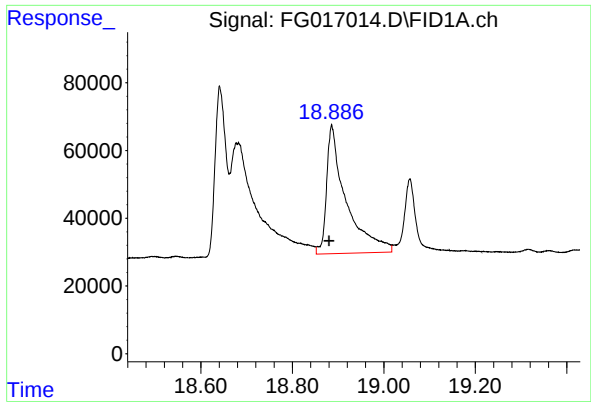
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.642 min
Delta R.T.: 0.012 min
Response: 818875
Conc: 9.65 ug/ml



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

R.T.: 18.681 min
Delta R.T.: 0.014 min
Response: 1352145
Conc: 9.13 ug/ml



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

R.T.: 18.886 min
Delta R.T.: 0.006 min
Response: 1124283
Conc: 9.19 ug/ml

Instrument :
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