

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017193.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 03:21
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 17 06:47:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 06:45:42 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...	8.066	972508	9.199 ug/ml
Spiked Amount 50.000		Recovery =	18.40%
6) S 2-Fluorobiphenyl (SURR)	8.953	534337	8.612 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.22%
11) S ortho-Terphenyl (SURR)	12.026	1561831	10.427 ug/ml
Spiked Amount 50.000		Recovery =	20.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	1376427	10.417 ug/ml
2) T Naphthalene (C11.7)	6.334	1283376	9.859 ug/ml
3) T 2-Methylnaphthalene (...)	7.437	1210778	9.522 ug/ml
5) T Acenaphthylene (C15.06)	8.746	1270091	9.791 ug/ml
7) T Acenaphthene (C15.5)	9.046	1377865	9.982 ug/ml
8) T Flouorene (C16.55)	9.844	1189409	9.563 ug/ml
9) T Phenanthrene (C19.36)	11.260	1248234	9.796 ug/ml
10) T Anthracene (C19.43)	11.338	1388239	10.036 ug/ml
12) T Fluoranthene (C21.85)	13.094	1431189	10.174 ug/ml
13) T Pyrene (C20.8)	13.394	1473216	10.295 ug/ml
14) T Benzo[a]anthracene (C...	15.291	1051403	9.002 ug/ml
15) T Chrysene (C27.41)	15.333	1577347	10.660 ug/ml
16) T benzo[b]fluoranthene ...	16.862	1028685	8.926 ug/ml
17) T Bnezo[k]fluoranthene ...	16.892	1477255	10.967 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.252	1216828	9.852 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.637	666143	8.607 ug/ml
20) T Dibenz[a,h]anthracene...	18.675	1403185	10.169 ug/ml
21) T Benzo[g,h,i]perylene ...	18.888	1093948	9.688 ug/ml

(f)=RT Delta > 1/2 Window

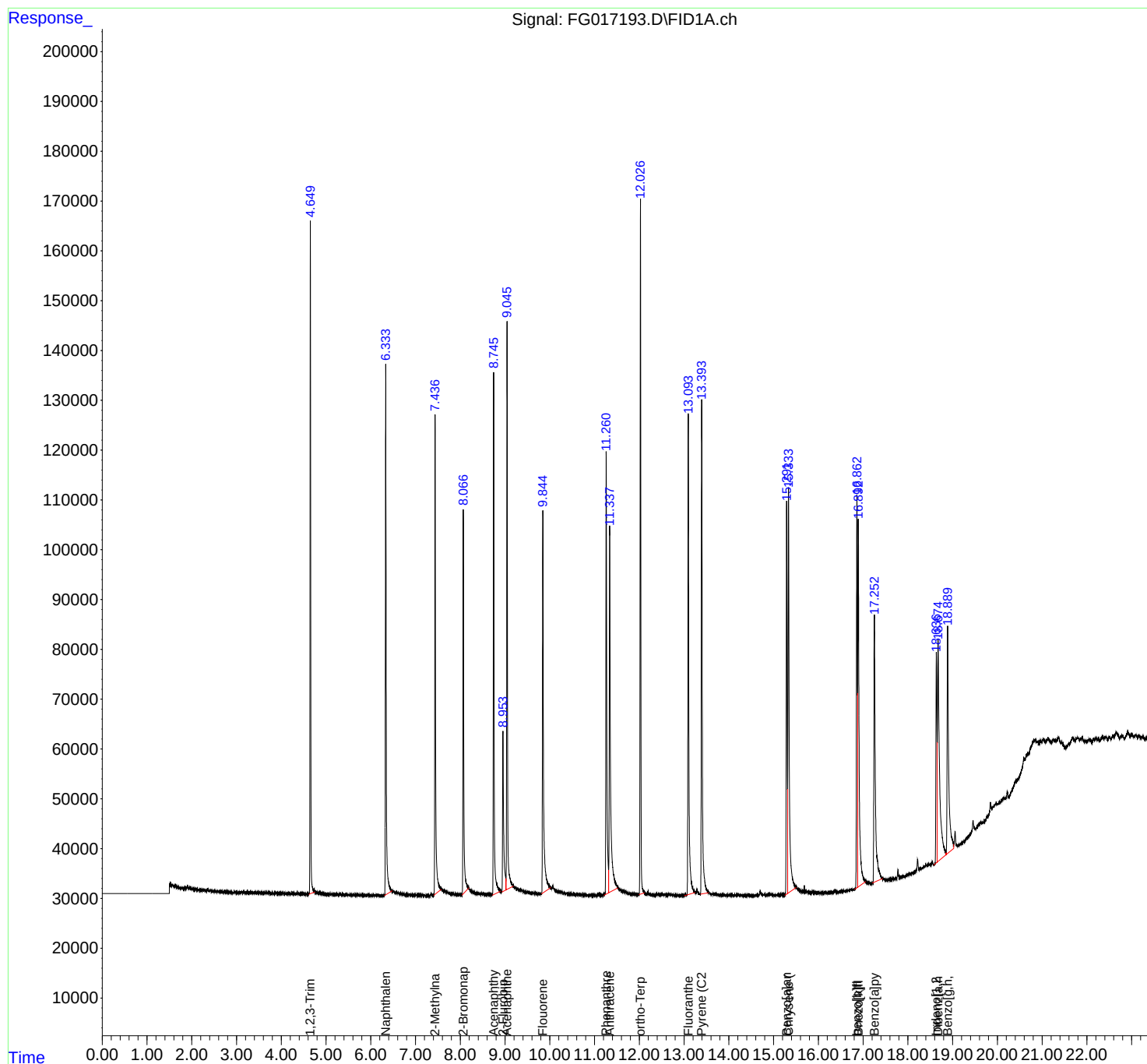
(m)=manual int.

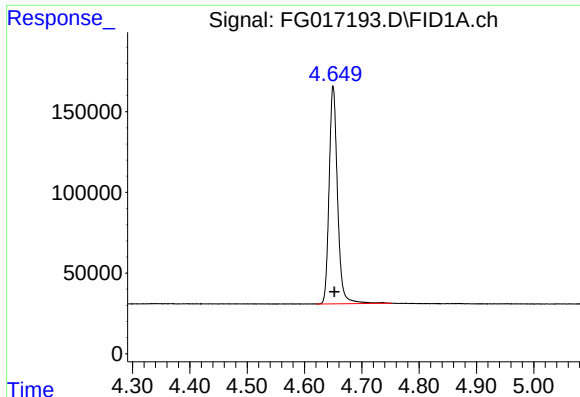
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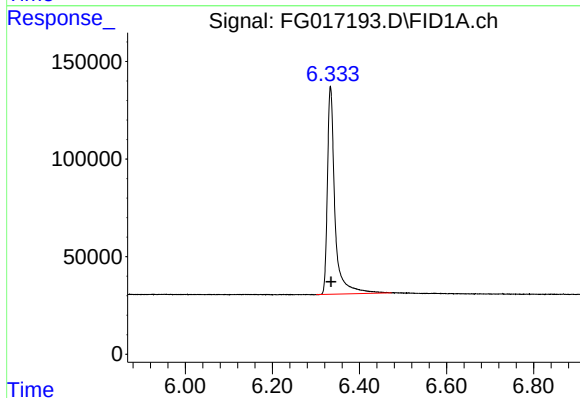




#1 1,2,3-Trimethylbenzene (C10.1)

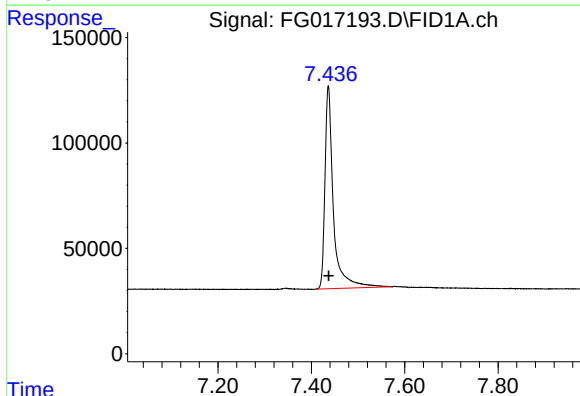
R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 1376427
Conc: 10.42 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



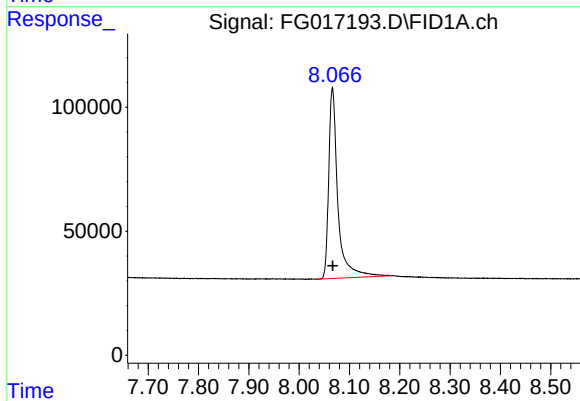
#2 Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 1283376
Conc: 9.86 ug/ml



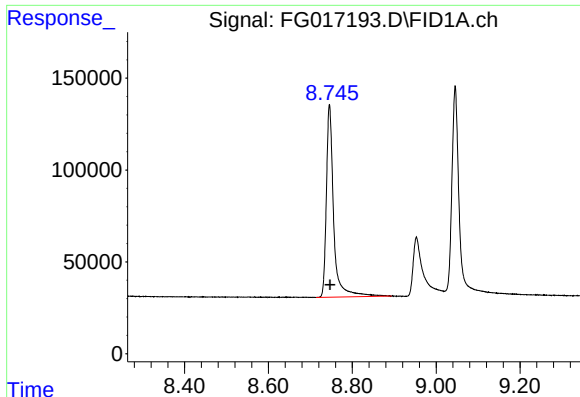
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 1210778
Conc: 9.52 ug/ml



#4 2-Bromonaphthalene (SURR)

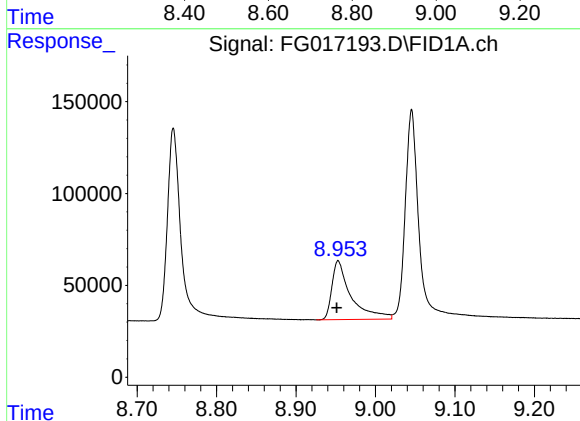
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 972508
Conc: 9.20 ug/ml



#5 Acenaphthylene (C15.06)

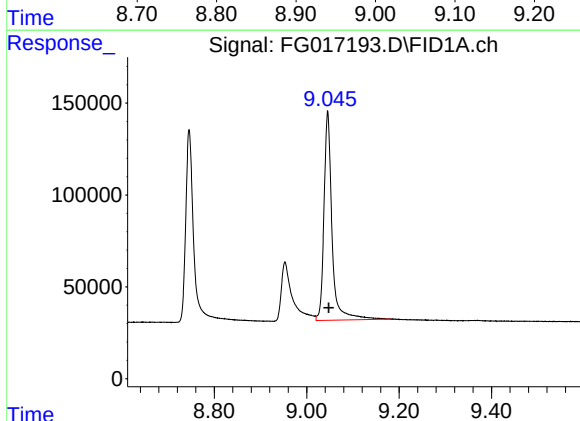
R.T.: 8.746 min
Delta R.T.: -0.002 min
Response: 1270091
Conc: 9.79 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



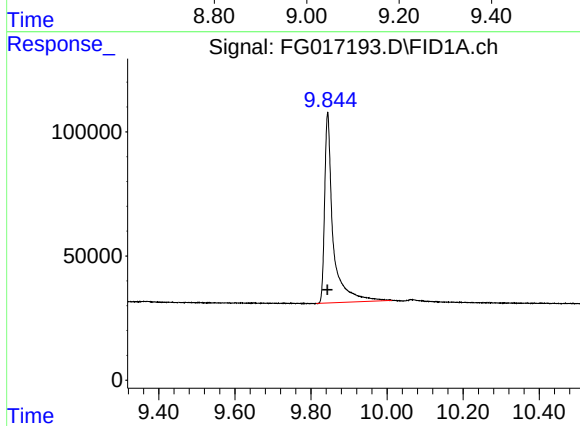
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.953 min
Delta R.T.: 0.002 min
Response: 534337
Conc: 8.61 ug/ml



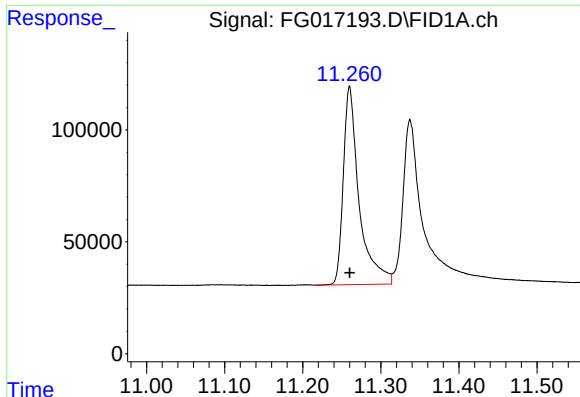
#7 Acenaphthene (C15.5)

R.T.: 9.046 min
Delta R.T.: -0.002 min
Response: 1377865
Conc: 9.98 ug/ml



#8 Fluorene (C16.55)

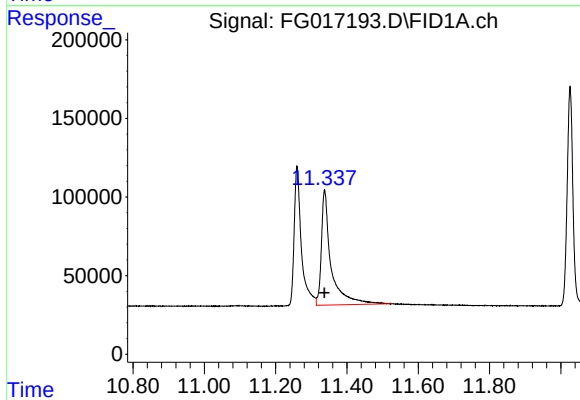
R.T.: 9.844 min
Delta R.T.: 0.000 min
Response: 1189409
Conc: 9.56 ug/ml



#9 Phenanthrene (C19.36)

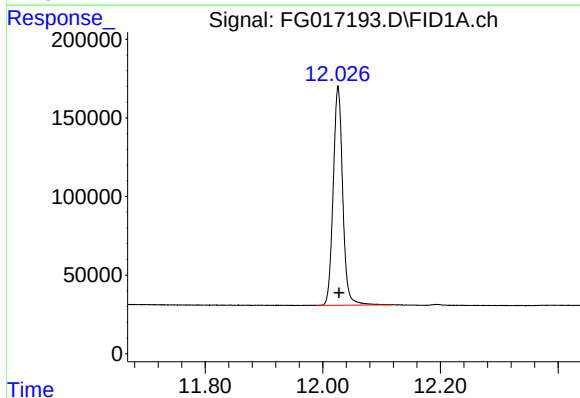
R.T.: 11.260 min
Delta R.T.: 0.000 min
Response: 1248234
Conc: 9.80 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



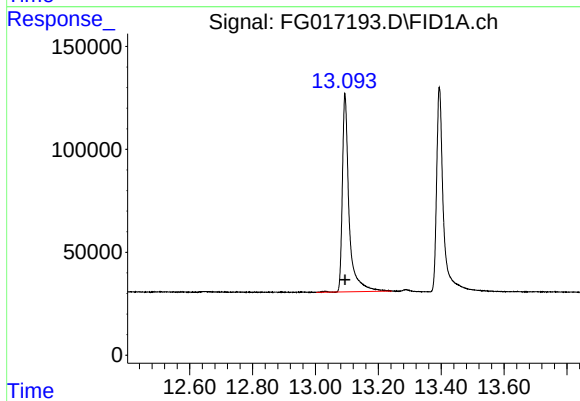
#10 Anthracene (C19.43)

R.T.: 11.338 min
Delta R.T.: 0.001 min
Response: 1388239
Conc: 10.04 ug/ml



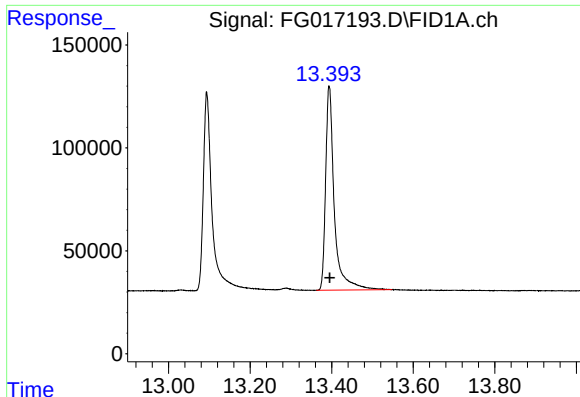
#11 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: -0.002 min
Response: 1561831
Conc: 10.43 ug/ml



#12 Fluoranthene (C21.85)

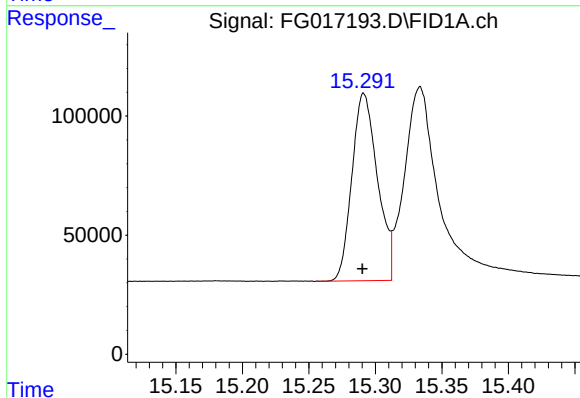
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 1431189
Conc: 10.17 ug/ml



#13 Pyrene (C20.8)

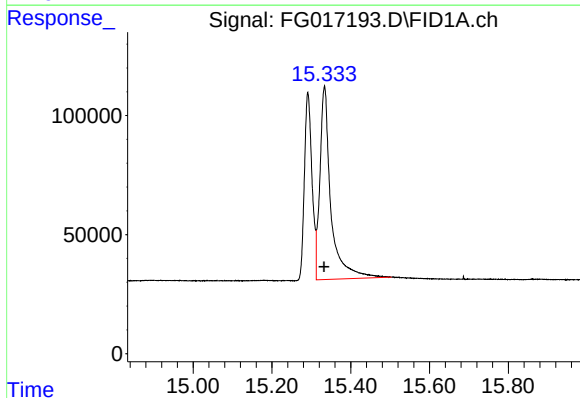
R.T.: 13.394 min
Delta R.T.: -0.001 min
Response: 1473216
Conc: 10.30 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



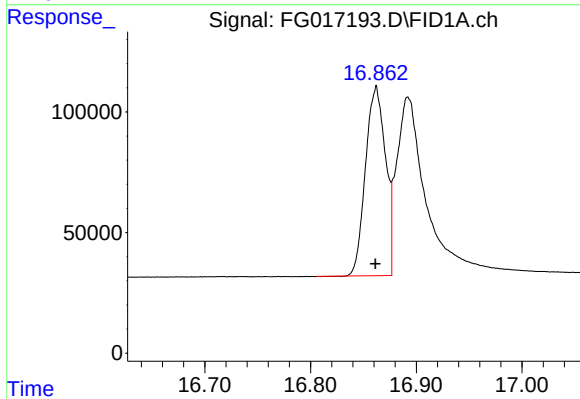
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.291 min
Delta R.T.: 0.001 min
Response: 1051403
Conc: 9.00 ug/ml



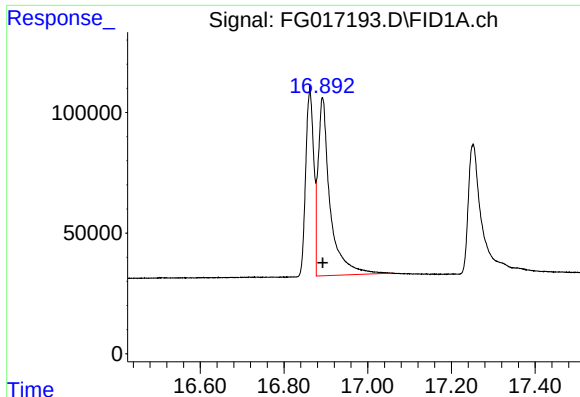
#15 Chrysene (C27.41)

R.T.: 15.333 min
Delta R.T.: 0.001 min
Response: 1577347
Conc: 10.66 ug/ml



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

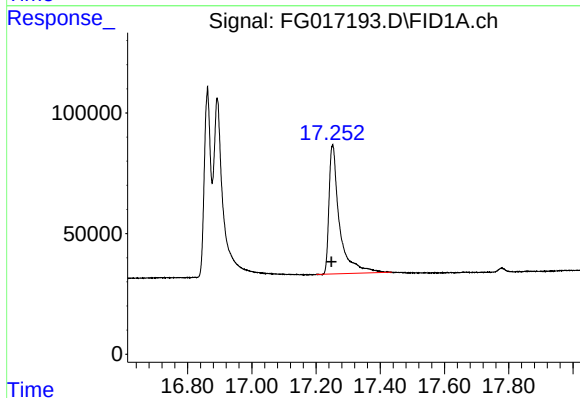
R.T.: 16.862 min
Delta R.T.: 0.000 min
Response: 1028685
Conc: 8.93 ug/ml



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

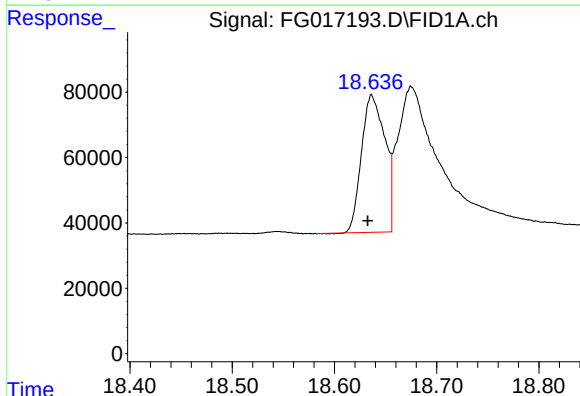
R.T.: 16.892 min
Delta R.T.: 0.000 min
Response: 1477255
Conc: 10.97 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



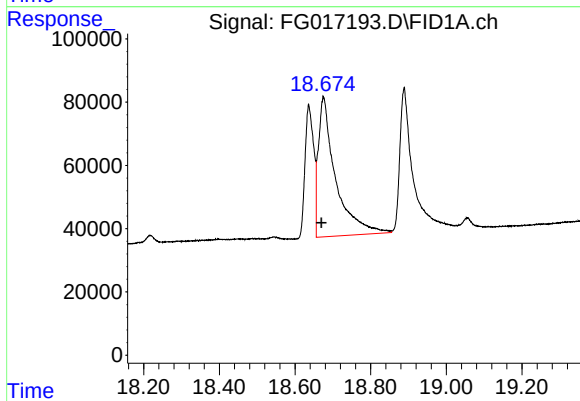
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.252 min
Delta R.T.: 0.004 min
Response: 1216828
Conc: 9.85 ug/ml



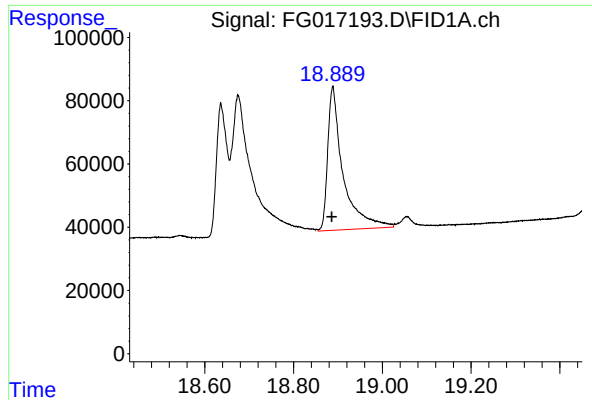
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.637 min
Delta R.T.: 0.004 min
Response: 666143
Conc: 8.61 ug/ml



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

R.T.: 18.675 min
Delta R.T.: 0.006 min
Response: 1403185
Conc: 10.17 ug/ml



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

R.T.: 18.888 min
Delta R.T.: 0.002 min
Response: 1093948
Conc: 9.69 ug/ml

Instrument :
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ClientSampleId :
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