

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017191.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 02:22
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 17 06:46:50 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	5318932	50.309 ug/ml
Spiked Amount 50.000		Recovery =	100.62%
6) S 2-Fluorobiphenyl (SURR)	8.950	3410515	54.966 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.93%
11) S ortho-Terphenyl (SURR)	12.030	6951048	46.404 ug/ml
Spiked Amount 50.000		Recovery =	92.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	6139652	46.466 ug/ml
2) T Naphthalene (C11.7)	6.334	6284205	48.276 ug/ml
3) T 2-Methylnaphthalene (...)	7.438	6216192	48.888 ug/ml
5) T Acenaphthylene (C15.06)	8.749	6370176	49.108 ug/ml
7) T Acenaphthene (C15.5)	9.050	6611749	47.901 ug/ml
8) T Fluorene (C16.55)	9.845	6330261	50.899 ug/ml
9) T Phenanthrene (C19.36)	11.263	6243113	48.996 ug/ml
10) T Anthracene (C19.43)	11.339	6412312	46.356 ug/ml
12) T Fluoranthene (C21.85)	13.098	6706788	47.675 ug/ml
13) T Pyrene (C20.8)	13.399	6745009	47.136 ug/ml
14) T Benzo[a]anthracene (C...	15.296	5939732	50.855 ug/ml
15) T Chrysene (C27.41)	15.340	6796200	45.931 ug/ml
16) T benzo[b]fluoranthene ...	16.867	5868567	50.920 ug/ml
17) T Bnezo[k]fluoranthene ...	16.901	6093174	45.235 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.251	5820226	47.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.634	4422530	57.139 ug/ml
20) T Dibenz[a,h]anthracene...	18.670	6195364	44.896 ug/ml
21) T Benzo[g,h,i]perylene ...	18.892	5469129	48.436 ug/ml

(f)=RT Delta > 1/2 Window

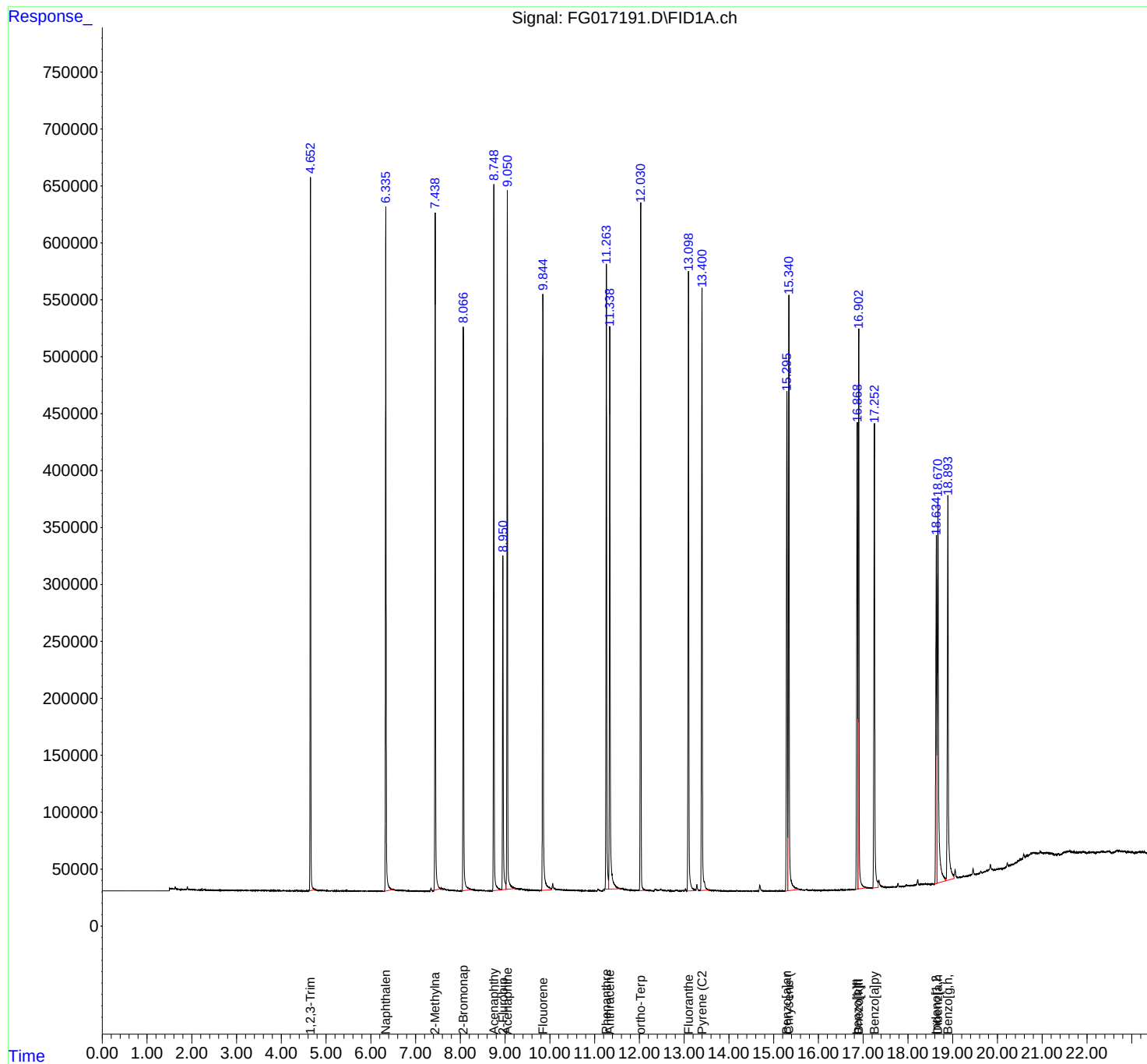
(m)=manual int.

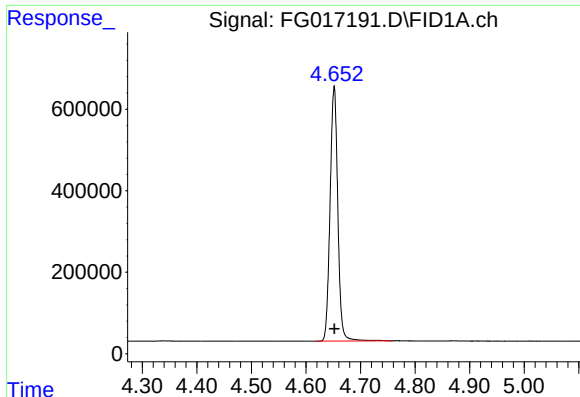
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
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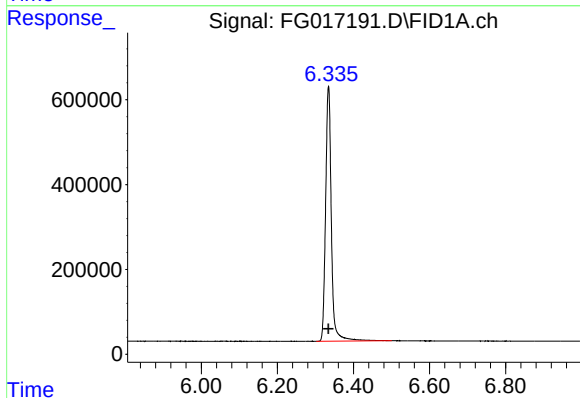




#1 1,2,3-Trimethylbenzene (C10.1)

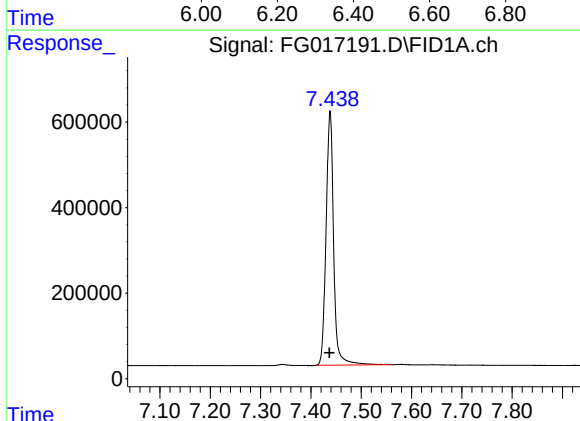
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 6139652
Conc: 46.47 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



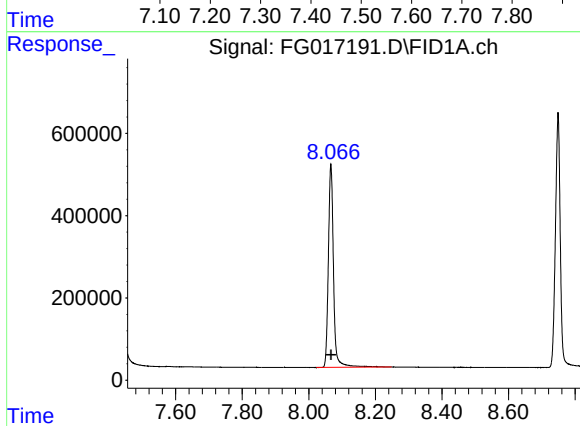
#2 Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 6284205
Conc: 48.28 ug/ml



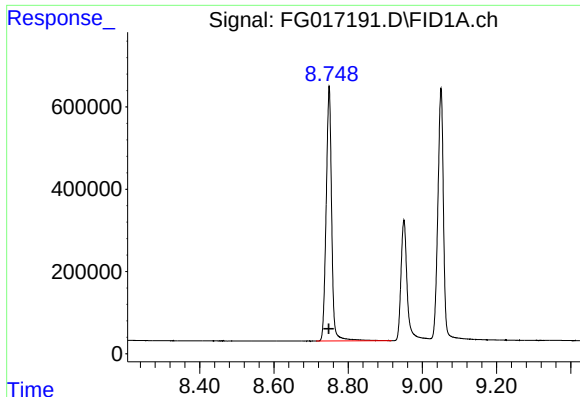
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 6216192
Conc: 48.89 ug/ml



#4 2-Bromonaphthalene (SURR)

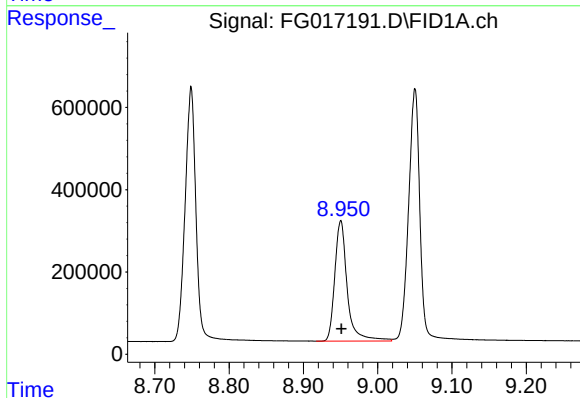
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 5318932
Conc: 50.31 ug/ml



#5 Acenaphthylene (C15.06)

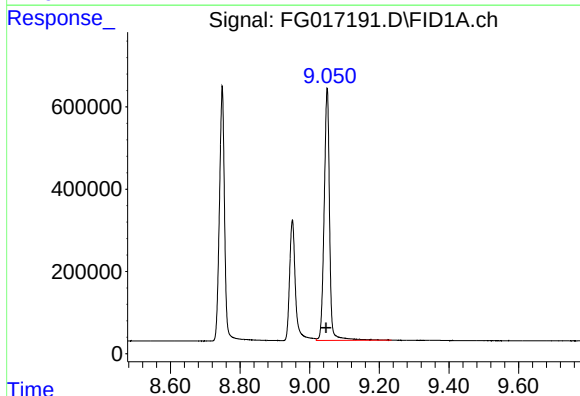
R.T.: 8.749 min
Delta R.T.: 0.001 min
Response: 6370176
Conc: 49.11 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



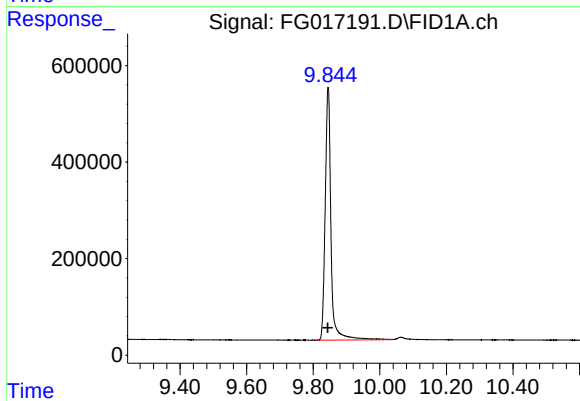
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.001 min
Response: 3410515
Conc: 54.97 ug/ml



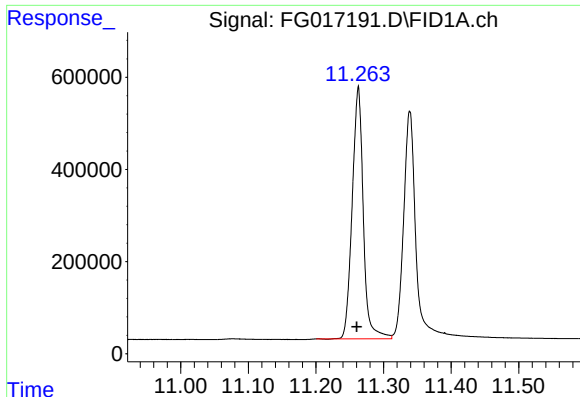
#7 Acenaphthene (C15.5)

R.T.: 9.050 min
Delta R.T.: 0.003 min
Response: 6611749
Conc: 47.90 ug/ml



#8 Fluorene (C16.55)

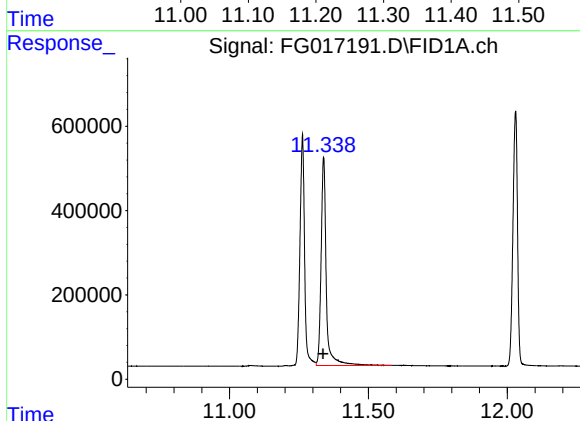
R.T.: 9.845 min
Delta R.T.: 0.001 min
Response: 6330261
Conc: 50.90 ug/ml



#9 Phenanthrene (C19.36)

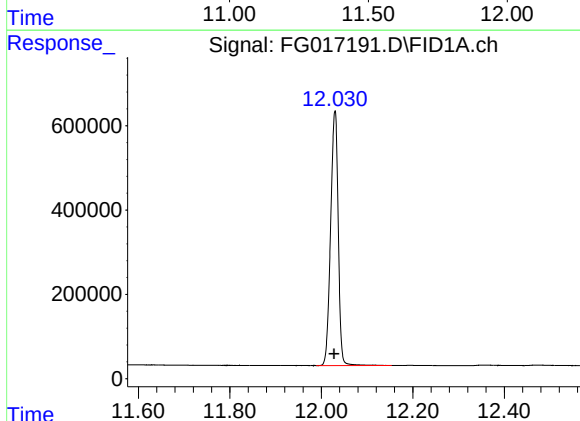
R.T.: 11.263 min
Delta R.T.: 0.002 min
Response: 6243113
Conc: 49.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



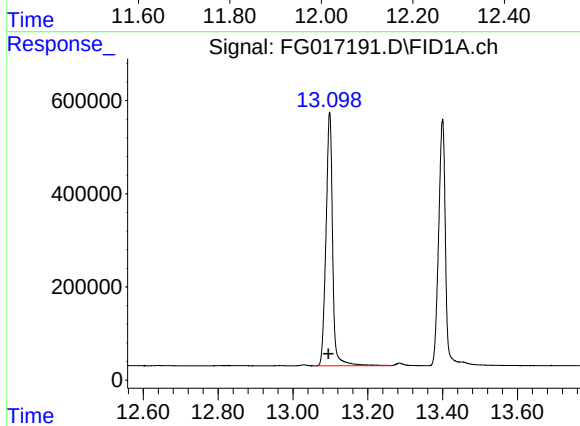
#10 Anthracene (C19.43)

R.T.: 11.339 min
Delta R.T.: 0.002 min
Response: 6412312
Conc: 46.36 ug/ml



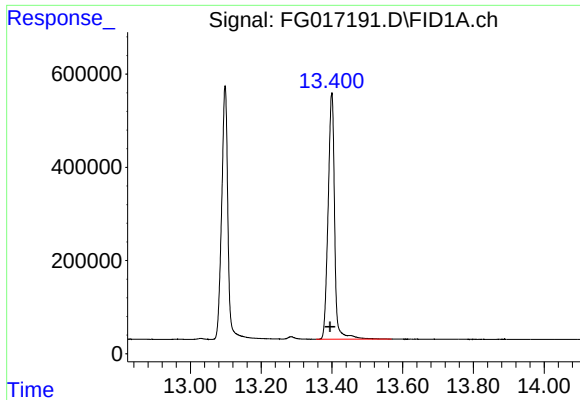
#11 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.002 min
Response: 6951048
Conc: 46.40 ug/ml



#12 Fluoranthene (C21.85)

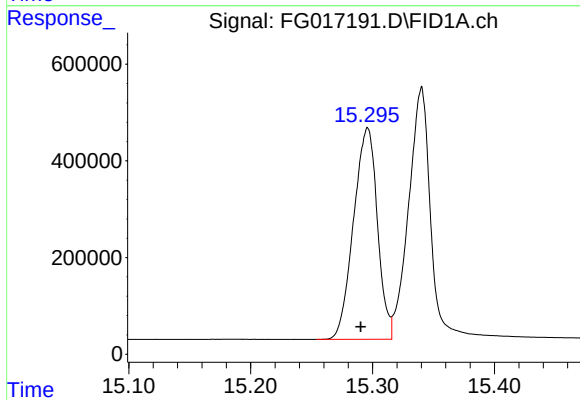
R.T.: 13.098 min
Delta R.T.: 0.003 min
Response: 6706788
Conc: 47.67 ug/ml



#13 Pyrene (C20.8)

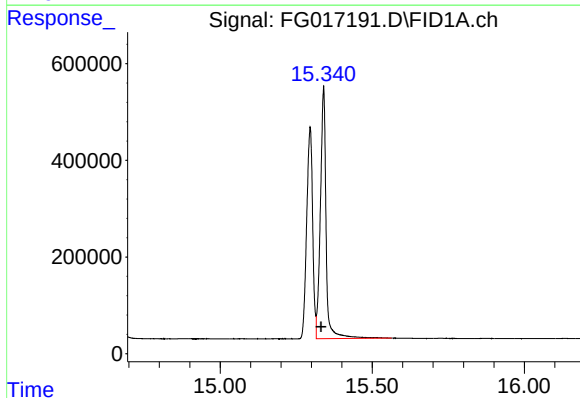
R.T.: 13.399 min
Delta R.T.: 0.004 min
Response: 6745009
Conc: 47.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



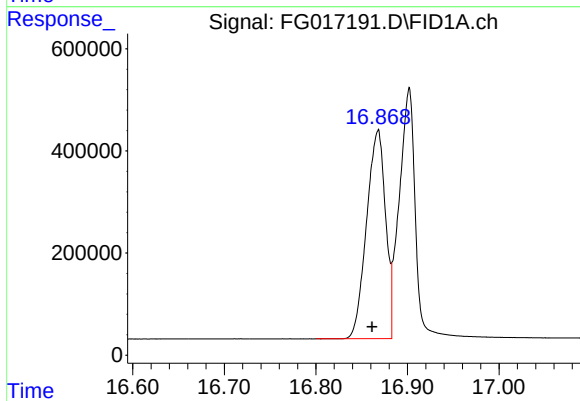
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.296 min
Delta R.T.: 0.005 min
Response: 5939732
Conc: 50.85 ug/ml



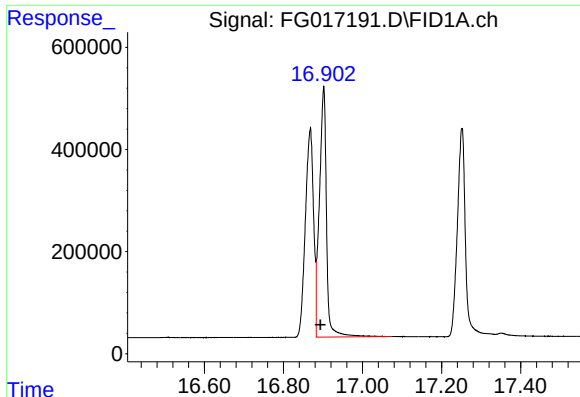
#15 Chrysene (C27.41)

R.T.: 15.340 min
Delta R.T.: 0.008 min
Response: 6796200
Conc: 45.93 ug/ml



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

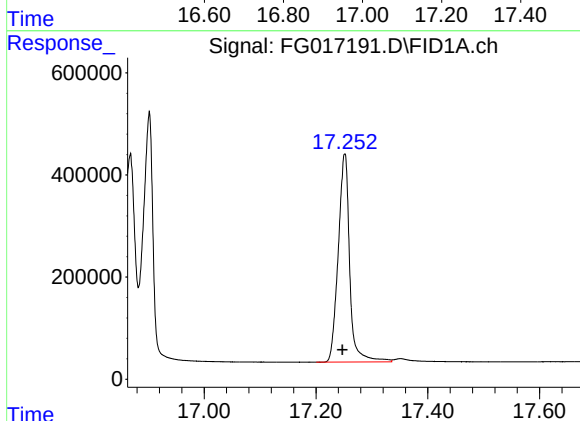
R.T.: 16.867 min
Delta R.T.: 0.006 min
Response: 5868567
Conc: 50.92 ug/ml



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

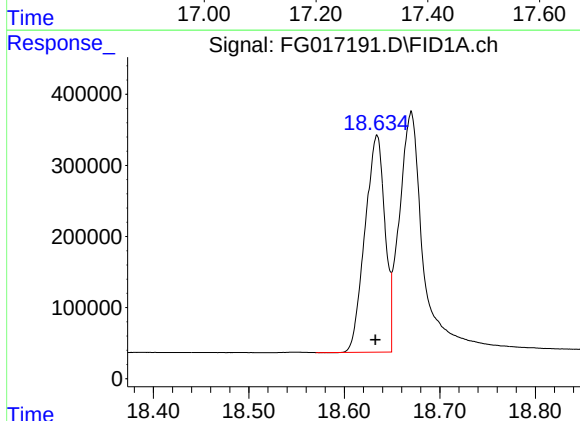
R.T.: 16.901 min
Delta R.T.: 0.008 min
Response: 6093174
Conc: 45.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



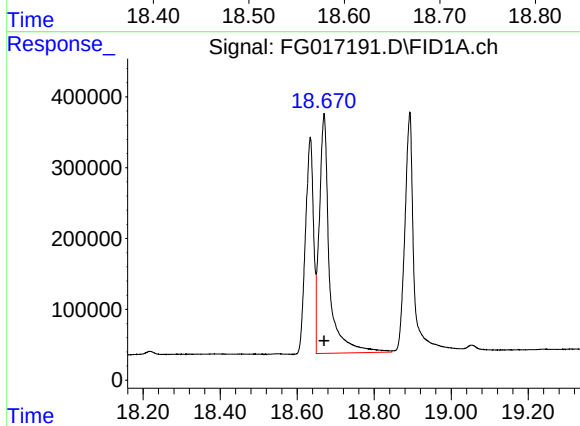
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.251 min
Delta R.T.: 0.004 min
Response: 5820226
Conc: 47.12 ug/ml



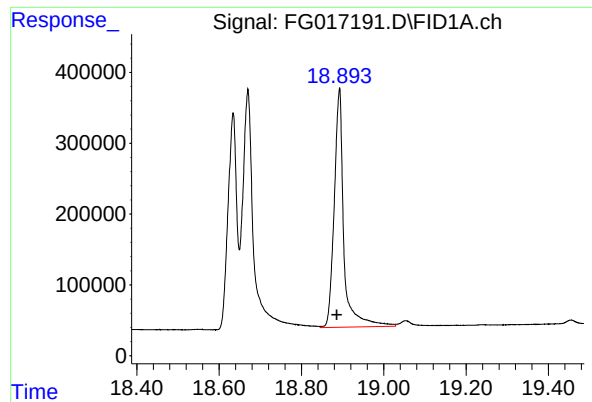
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.634 min
Delta R.T.: 0.001 min
Response: 4422530
Conc: 57.14 ug/ml



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

R.T.: 18.670 min
Delta R.T.: 0.000 min
Response: 6195364
Conc: 44.90 ug/ml



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

R.T.: 18.892 min
Delta R.T.: 0.006 min
Response: 5469129
Conc: 48.44 ug/ml

Instrument :
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ClientSampleId :
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