

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017194.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 03:50
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 17 06:48:20 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...	8.068	426160	4.031 ug/ml
Spiked Amount 50.000		Recovery =	8.06%
6) S 2-Fluorobiphenyl (SURR)	8.961	208292	3.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.71%
11) S ortho-Terphenyl (SURR)	12.025	826517	5.518 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.651	712753	5.394 ug/ml
2) T Naphthalene (C11.7)	6.336	620420	4.766 ug/ml
3) T 2-Methylnaphthalene (...)	7.439	552005	4.341 ug/ml
5) T Acenaphthylene (C15.06)	8.747	593134	4.572 ug/ml
7) T Acenaphthene (C15.5)	9.046	689169	4.993 ug/ml
8) T Flouorene (C16.55)	9.848	560235	4.505 ug/ml
9) T Phenanthrene (C19.36)	11.264	605115	4.749 ug/ml
10) T Anthracene (C19.43)	11.342	701670	5.072 ug/ml
12) T Fluoranthene (C21.85)	13.097	726871	5.167 ug/ml
13) T Pyrene (C20.8)	13.397	763978	5.339 ug/ml
14) T Benzo[a]anthracene (C...	15.296	469389	4.019 ug/ml
15) T Chrysene (C27.41)	15.337	849436	5.741 ug/ml
16) T benzo[b]fluoranthene ...	16.866	506717	4.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.897	785059	5.828 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.258	525222	4.252 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.644	533570	6.894 ug/ml
20) T Dibenz[a,h]anthracene...	18.683	703808	5.100 ug/ml
21) T Benzo[g,h,i]perylene ...	18.894	542761	4.807 ug/ml

(f)=RT Delta > 1/2 Window

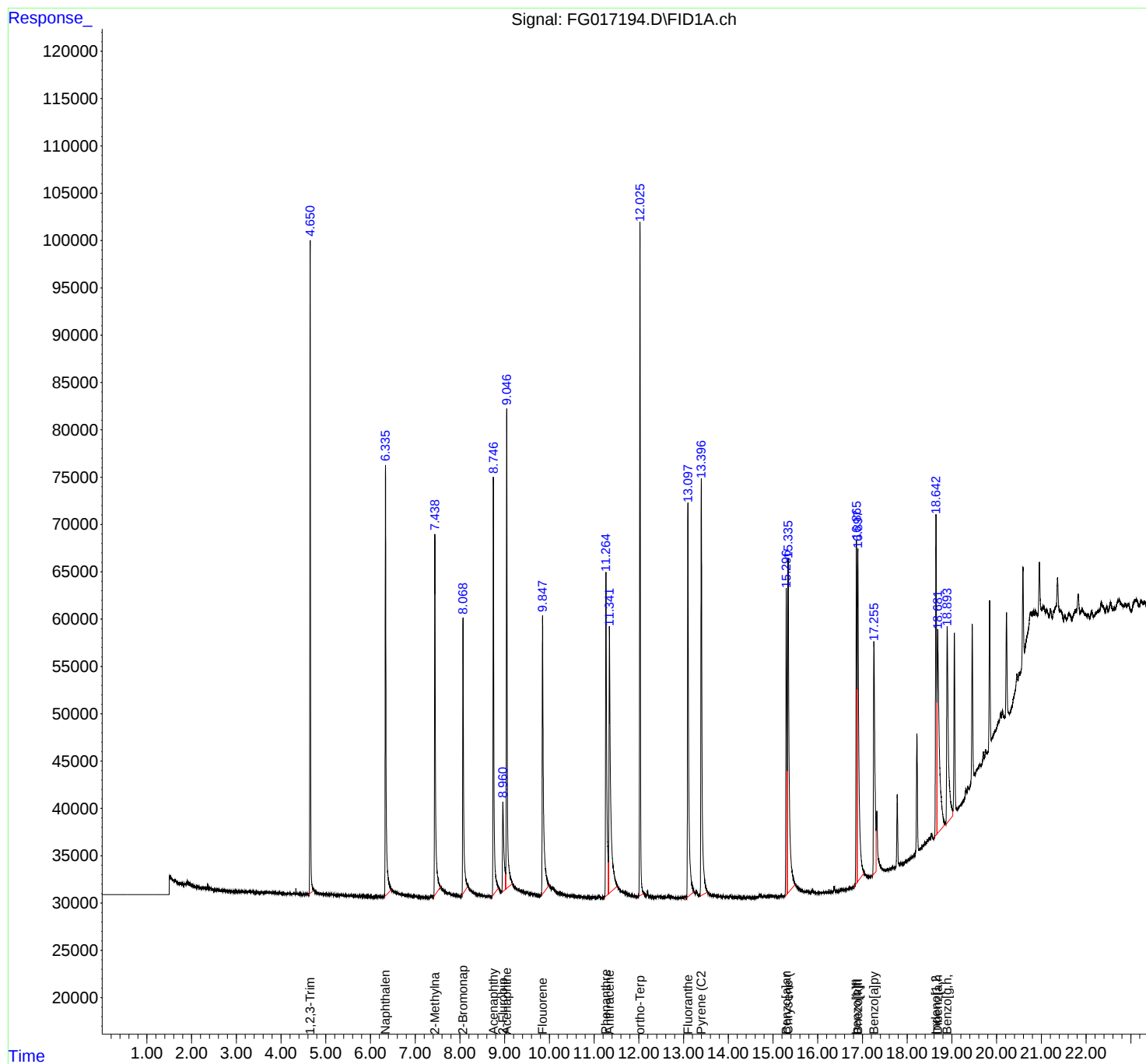
(m)=manual int.

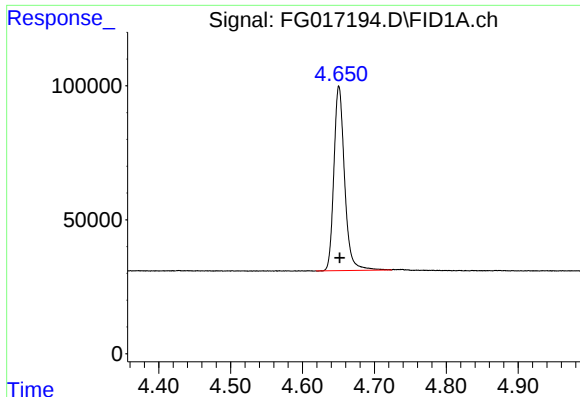
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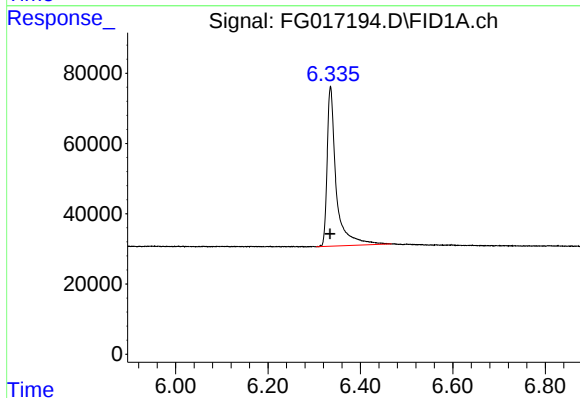




#1 1,2,3-Trimethylbenzene (C10.1)

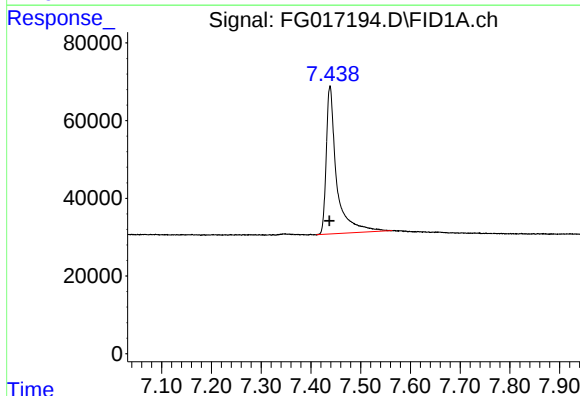
R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 712753
Conc: 5.39 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



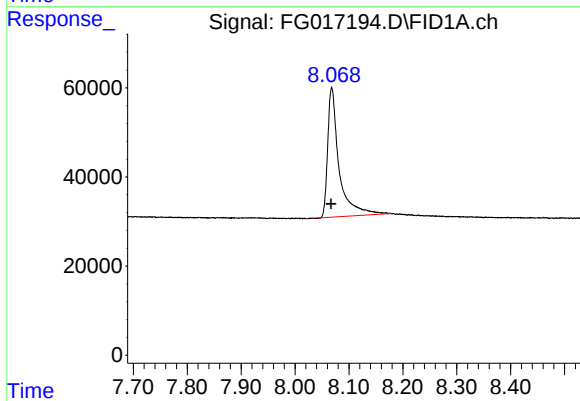
#2 Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 620420
Conc: 4.77 ug/ml



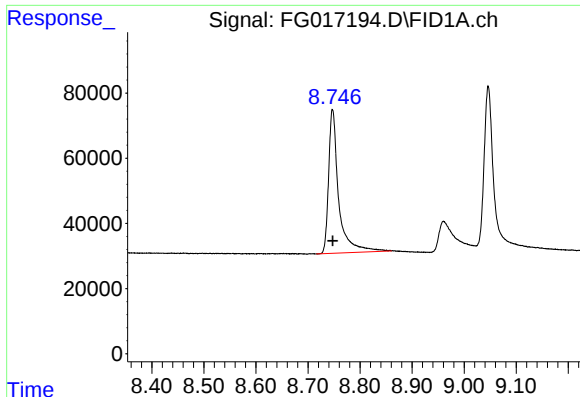
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 552005
Conc: 4.34 ug/ml



#4 2-Bromonaphthalene (SURR)

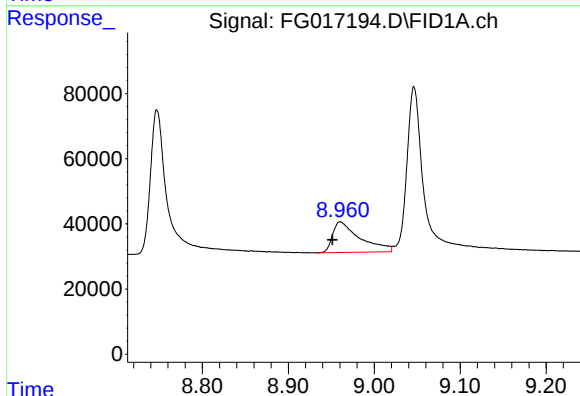
R.T.: 8.068 min
Delta R.T.: 0.002 min
Response: 426160
Conc: 4.03 ug/ml



#5 Acenaphthylene (C15.06)

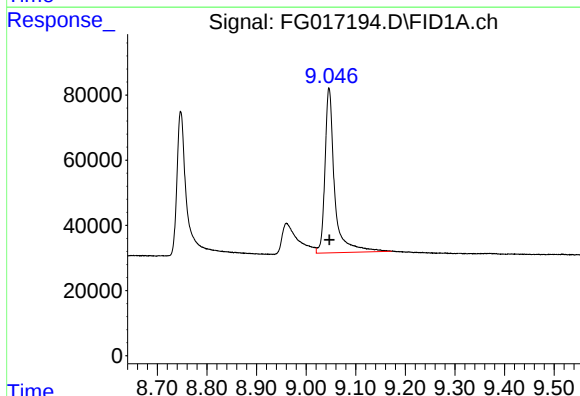
R.T.: 8.747 min
Delta R.T.: 0.000 min
Response: 593134
Conc: 4.57 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



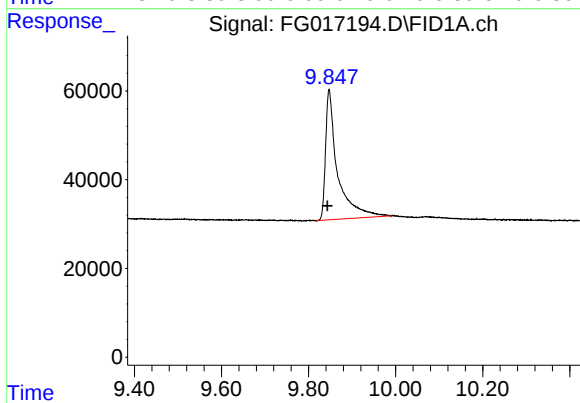
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.961 min
Delta R.T.: 0.010 min
Response: 208292
Conc: 3.36 ug/ml



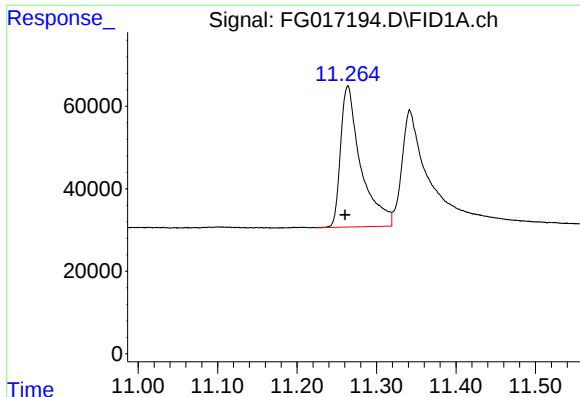
#7 Acenaphthene (C15.5)

R.T.: 9.046 min
Delta R.T.: 0.000 min
Response: 689169
Conc: 4.99 ug/ml



#8 Fluorene (C16.55)

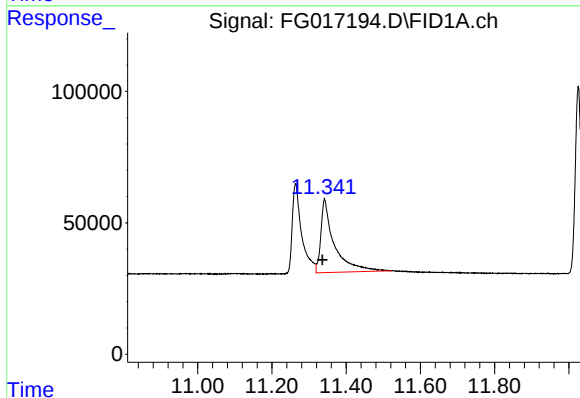
R.T.: 9.848 min
Delta R.T.: 0.004 min
Response: 560235
Conc: 4.50 ug/ml



#9 Phenanthrene (C19.36)

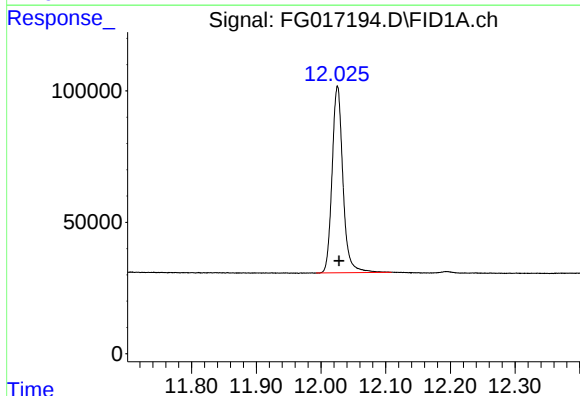
R.T.: 11.264 min
Delta R.T.: 0.004 min
Response: 605115
Conc: 4.75 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



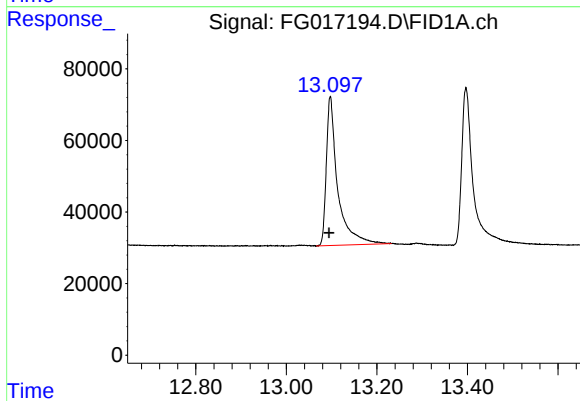
#10 Anthracene (C19.43)

R.T.: 11.342 min
Delta R.T.: 0.006 min
Response: 701670
Conc: 5.07 ug/ml



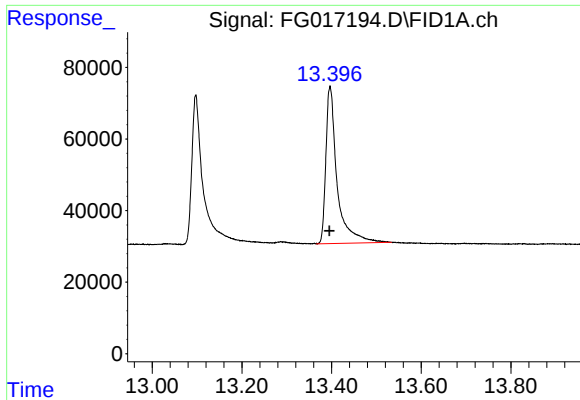
#11 ortho-Terphenyl (SURR)

R.T.: 12.025 min
Delta R.T.: -0.002 min
Response: 826517
Conc: 5.52 ug/ml



#12 Fluoranthene (C21.85)

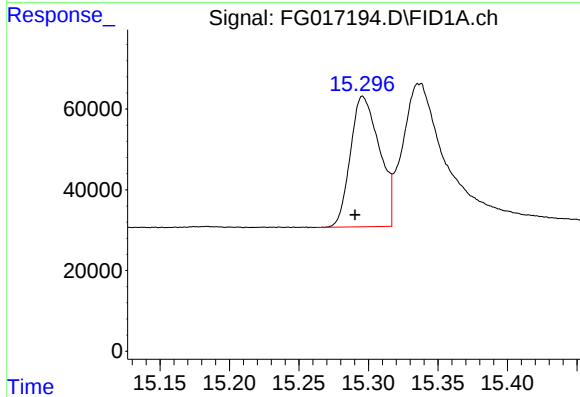
R.T.: 13.097 min
Delta R.T.: 0.003 min
Response: 726871
Conc: 5.17 ug/ml



#13 Pyrene (C20.8)

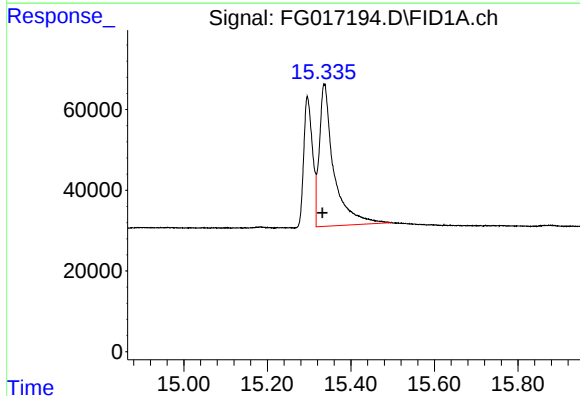
R.T.: 13.397 min
Delta R.T.: 0.001 min
Response: 763978
Conc: 5.34 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



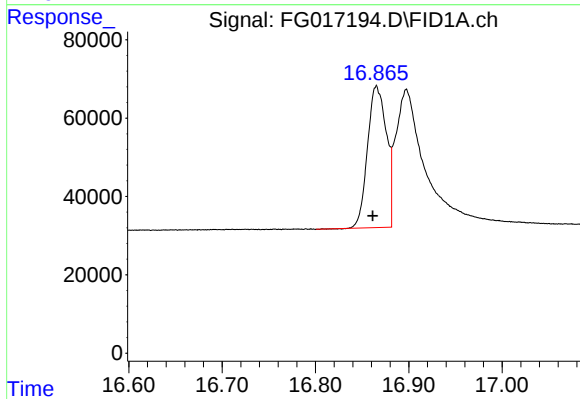
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.296 min
Delta R.T.: 0.006 min
Response: 469389
Conc: 4.02 ug/ml



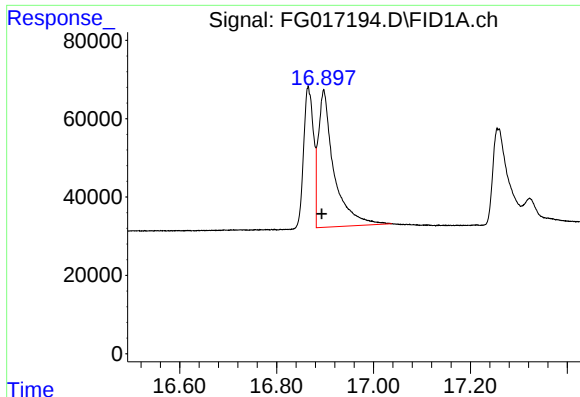
#15 Chrysene (C27.41)

R.T.: 15.337 min
Delta R.T.: 0.004 min
Response: 849436
Conc: 5.74 ug/ml



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

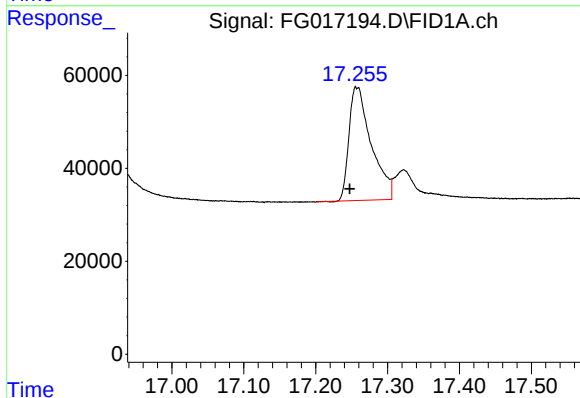
R.T.: 16.866 min
Delta R.T.: 0.005 min
Response: 506717
Conc: 4.40 ug/ml



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

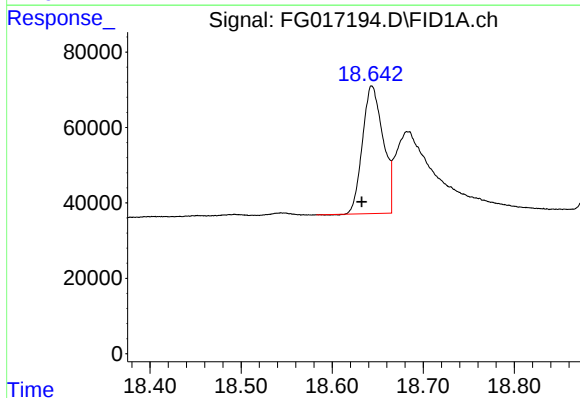
R.T.: 16.897 min
Delta R.T.: 0.004 min
Response: 785059
Conc: 5.83 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



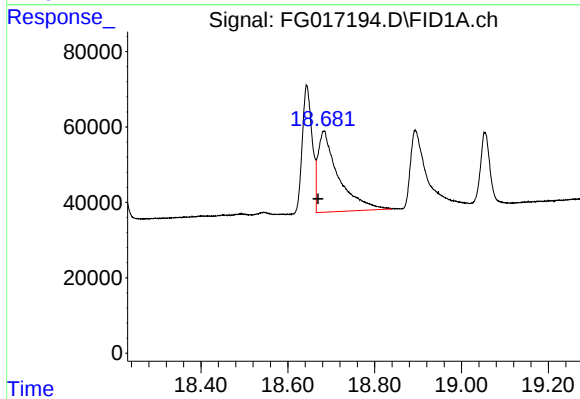
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.258 min
Delta R.T.: 0.010 min
Response: 525222
Conc: 4.25 ug/ml



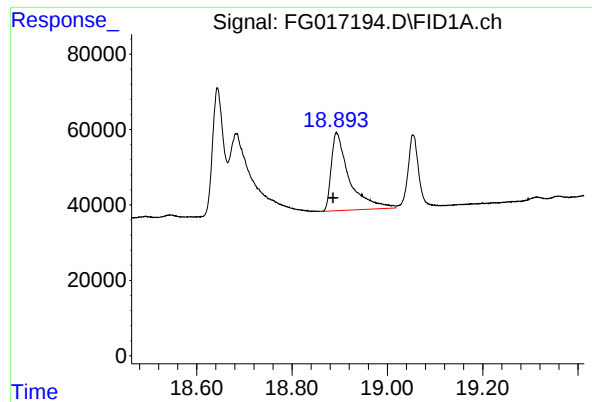
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.644 min
Delta R.T.: 0.011 min
Response: 533570
Conc: 6.89 ug/ml



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

R.T.: 18.683 min
Delta R.T.: 0.013 min
Response: 703808
Conc: 5.10 ug/ml



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

R.T.: 18.894 min
Delta R.T.: 0.008 min
Response: 542761
Conc: 4.81 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5