

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AR\
 Data File : FG017012.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 16:46
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 01 08:39:14 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...	8.069	4949115	46.773 ug/ml
Spiked Amount 50.000		Recovery =	93.55%
6) S 2-Fluorobiphenyl (SURR)	8.951	3162665	52.663 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.33%
11) S ortho-Terphenyl (SURR)	12.031	6494411	43.448 ug/ml
Spiked Amount 50.000		Recovery =	86.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.653	5803745	41.675 ug/ml
2) T Naphthalene (C11.7)	6.336	5906451	44.291 ug/ml
3) T 2-Methylnaphthalene (...)	7.439	5743624	44.432 ug/ml
5) T Acenaphthylene (C15.06)	8.749	5925439	46.589 ug/ml
7) T Acenaphthene (C15.5)	9.050	6323686	45.246 ug/ml
8) T Flouorene (C16.55)	9.845	5897236	47.815 ug/ml
9) T Phenanthrene (C19.36)	11.261	5656806	46.206 ug/ml
10) T Anthracene (C19.43)	11.337	5452530	41.535 ug/ml
12) T Fluoranthene (C21.85)	13.096	6126723	45.783 ug/ml
13) T Pyrene (C20.8)	13.397	6143698	45.098 ug/ml
14) T Benzo[a]anthracene (C...	15.292	5072014	50.668 ug/ml
15) T Chrysene (C27.41)	15.335	6274880	42.357 ug/ml
16) T benzo[b]fluoranthene ...	16.862	5202858	48.749 ug/ml
17) T Bnezo[k]fluoranthene ...	16.896	5650788	41.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.246	5102105	47.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.628	4065871	47.911 ug/ml
20) T Dibenz[a,h]anthracene...	18.664	6111915	41.290 ug/ml
21) T Benzo[g,h,i]perylene ...	18.885	5294829	43.287 ug/ml

(f)=RT Delta > 1/2 Window

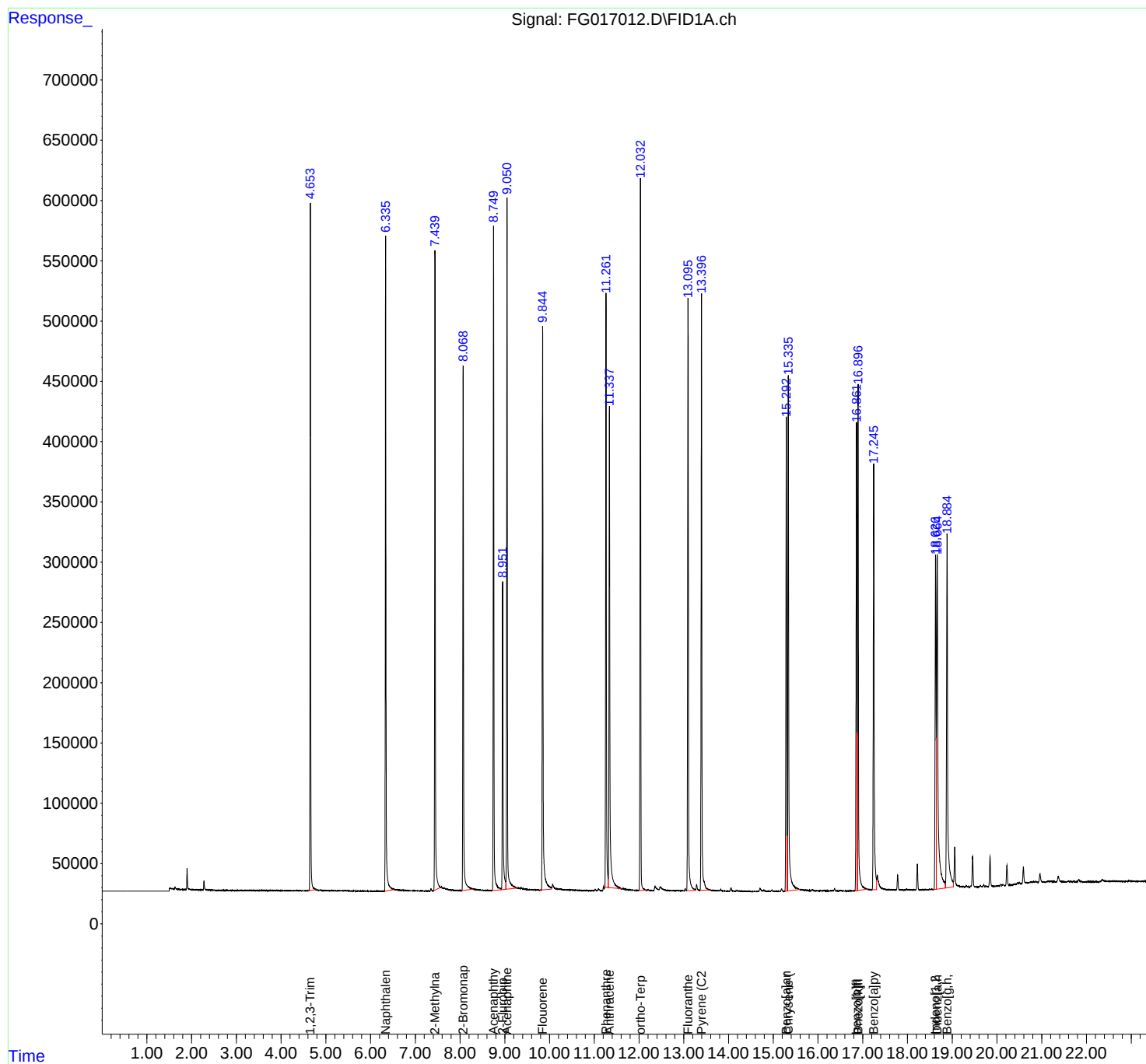
(m)=manual int.

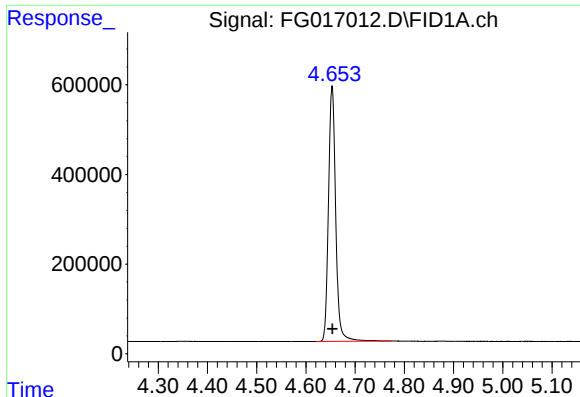
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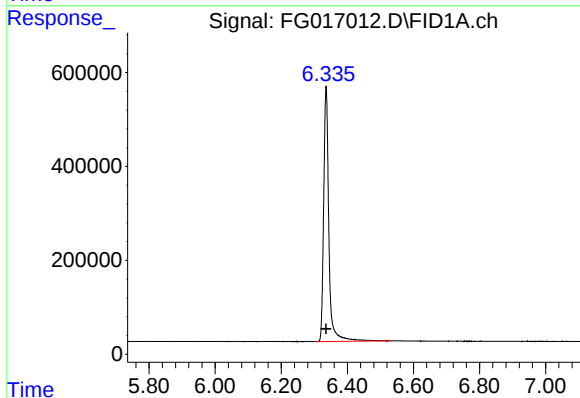




#1 1,2,3-Trimethylbenzene (C10.1)

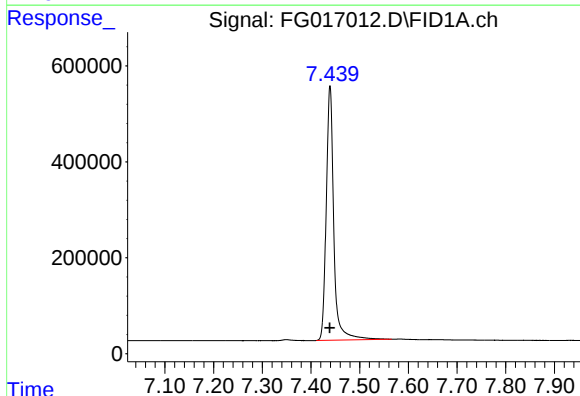
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 5803745
Conc: 41.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



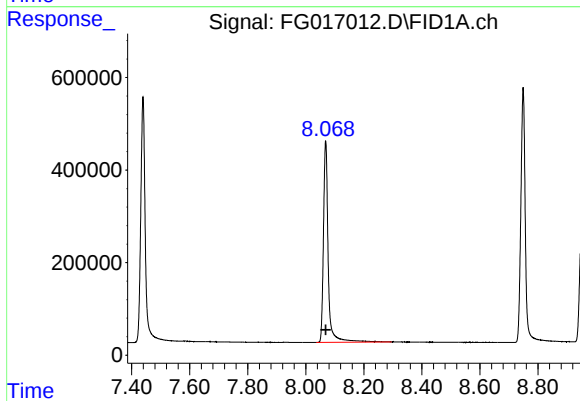
#2 Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 5906451
Conc: 44.29 ug/ml



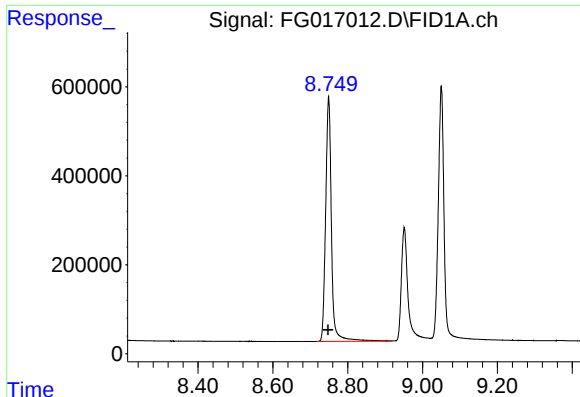
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 5743624
Conc: 44.43 ug/ml



#4 2-Bromonaphthalene (SURR)

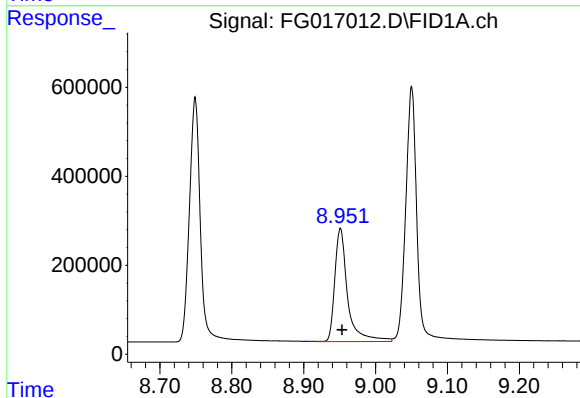
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 4949115
Conc: 46.77 ug/ml



#5 Acenaphthylene (C15.06)

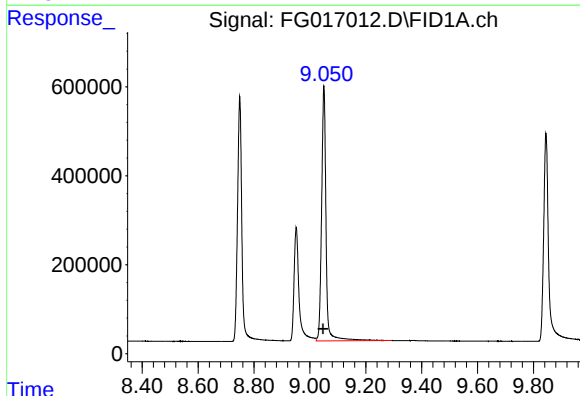
R.T.: 8.749 min
Delta R.T.: 0.001 min
Response: 5925439
Conc: 46.59 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



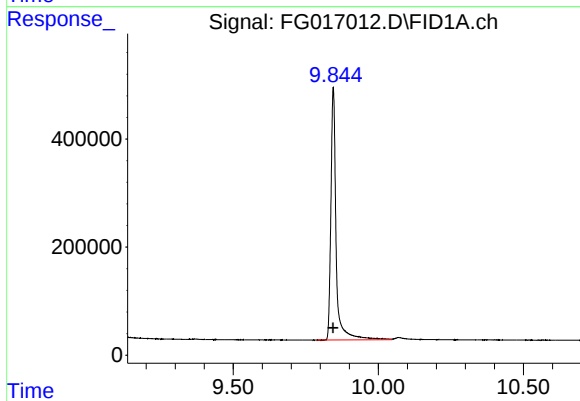
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.951 min
Delta R.T.: -0.002 min
Response: 3162665
Conc: 52.66 ug/ml



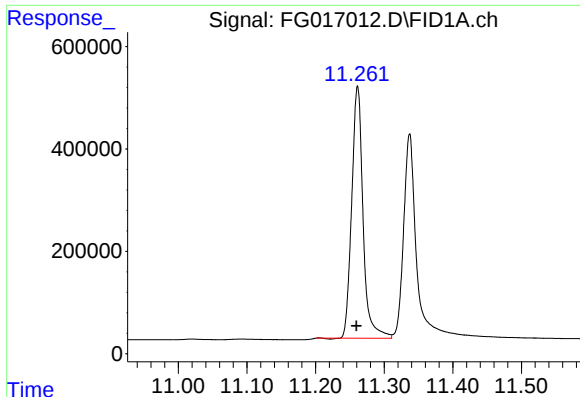
#7 Acenaphthene (C15.5)

R.T.: 9.050 min
Delta R.T.: 0.002 min
Response: 6323686
Conc: 45.25 ug/ml



#8 Fluorene (C16.55)

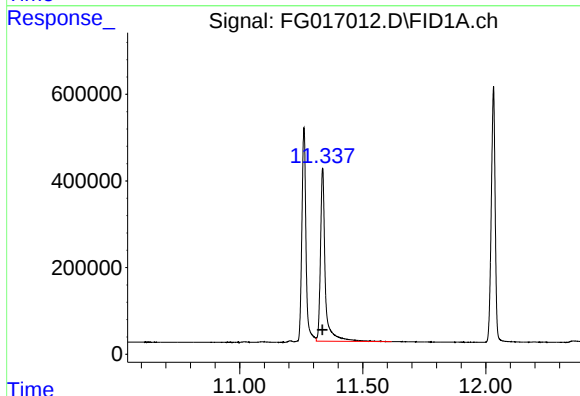
R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 5897236
Conc: 47.82 ug/ml



#9 Phenanthrene (C19.36)

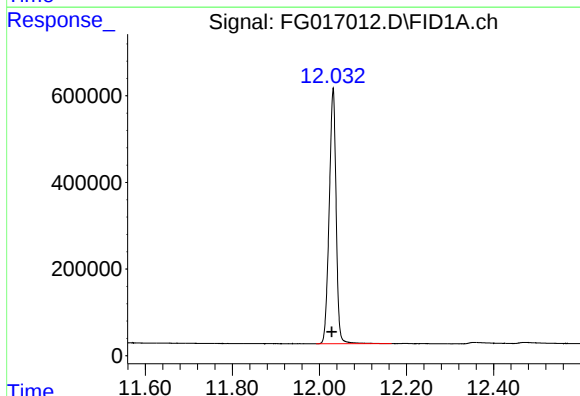
R.T.: 11.261 min
Delta R.T.: 0.002 min
Response: 5656806
Conc: 46.21 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



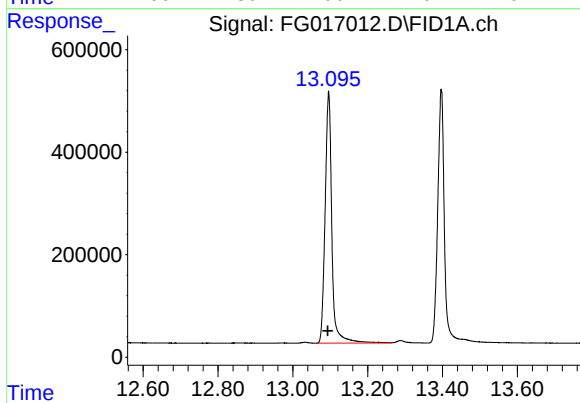
#10 Anthracene (C19.43)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 5452530
Conc: 41.53 ug/ml



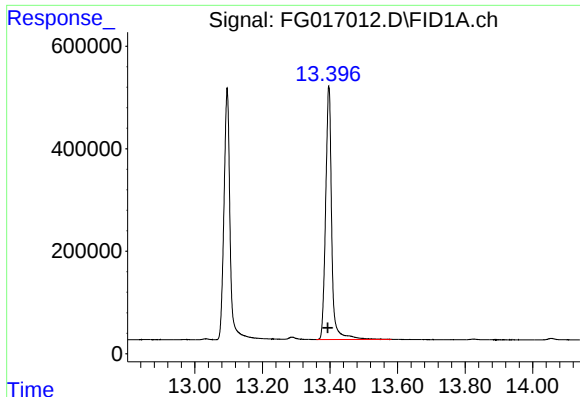
#11 ortho-Terphenyl (SURR)

R.T.: 12.031 min
Delta R.T.: 0.003 min
Response: 6494411
Conc: 43.45 ug/ml



#12 Fluoranthene (C21.85)

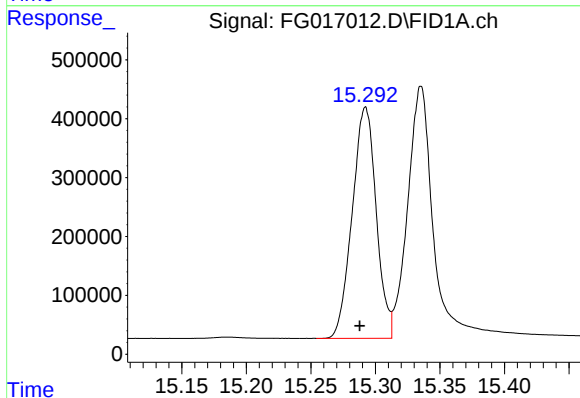
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 6126723
Conc: 45.78 ug/ml



#13 Pyrene (C20.8)

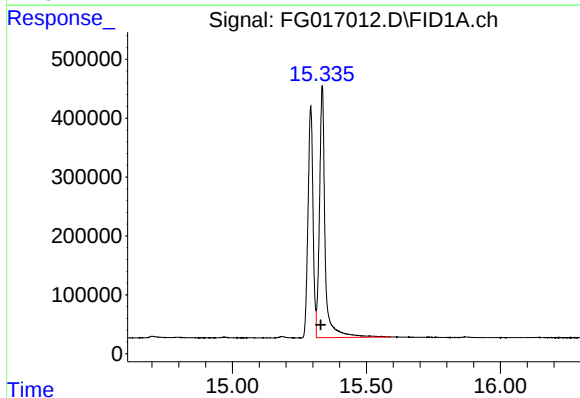
R.T.: 13.397 min
Delta R.T.: 0.004 min
Response: 6143698
Conc: 45.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



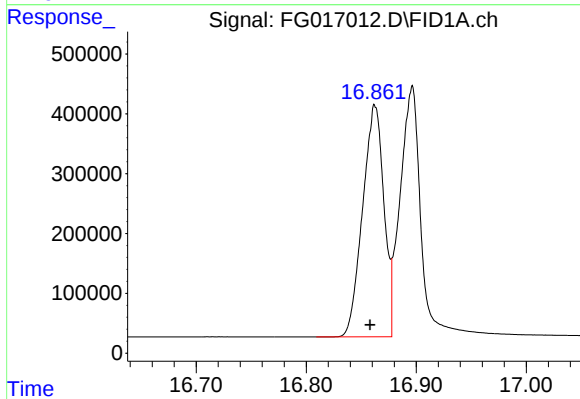
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.292 min
Delta R.T.: 0.004 min
Response: 5072014
Conc: 50.67 ug/ml



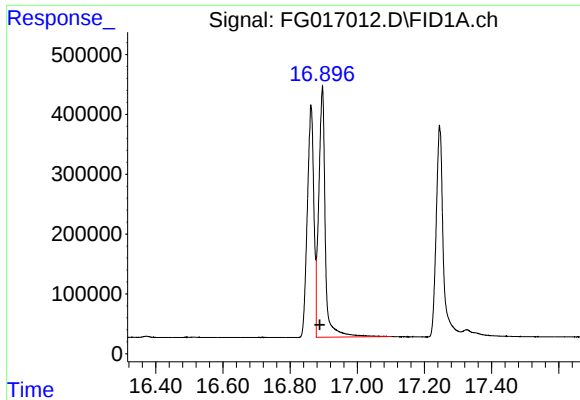
#15 Chrysene (C27.41)

R.T.: 15.335 min
Delta R.T.: 0.005 min
Response: 6274880
Conc: 42.36 ug/ml



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

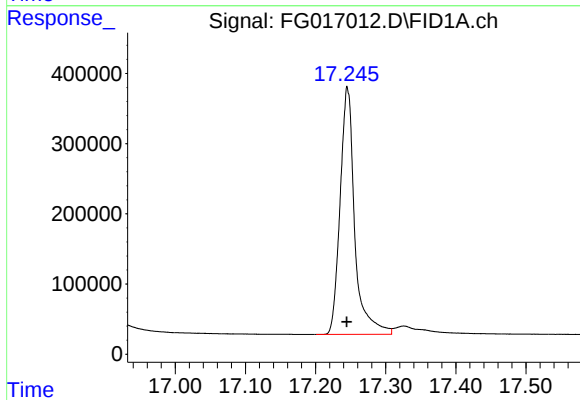
R.T.: 16.862 min
Delta R.T.: 0.004 min
Response: 5202858
Conc: 48.75 ug/ml



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

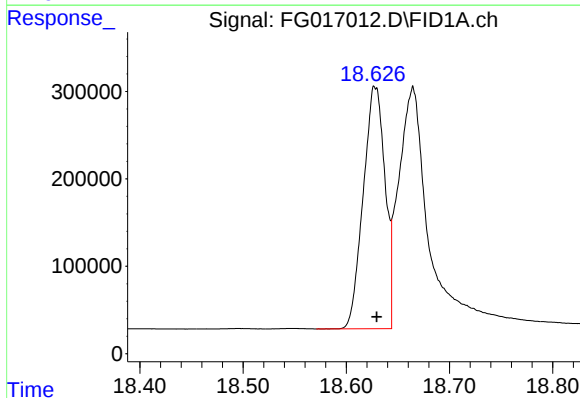
R.T.: 16.896 min
Delta R.T.: 0.007 min
Response: 5650788
Conc: 41.40 ug/ml

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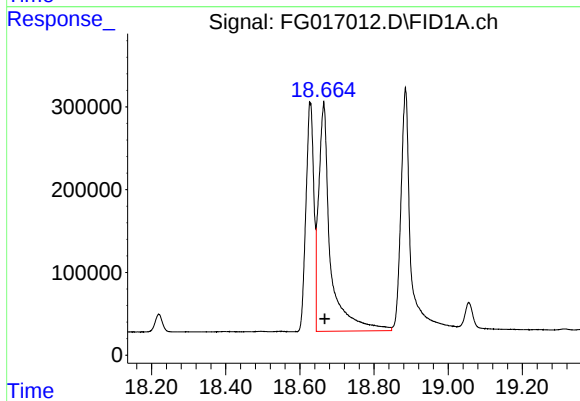
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 5102105
Conc: 47.46 ug/ml



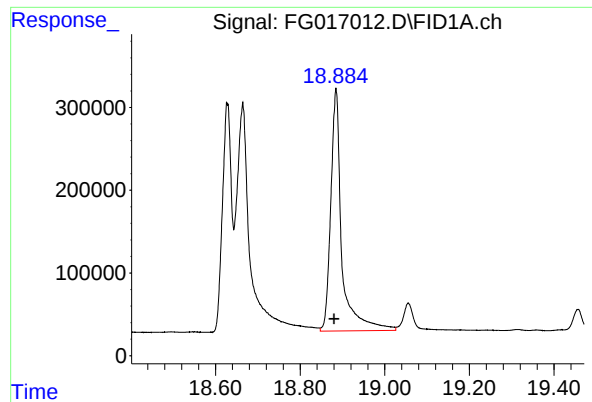
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.628 min
Delta R.T.: -0.002 min
Response: 4065871
Conc: 47.91 ug/ml



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

R.T.: 18.664 min
Delta R.T.: -0.003 min
Response: 6111915
Conc: 41.29 ug/ml



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

R.T.: 18.885 min
Delta R.T.: 0.004 min
Response: 5294829
Conc: 43.29 ug/ml

Instrument :
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ClientSampleId :
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