

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017195.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 04:19
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 17 07:09:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 07:08:40 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	2081288	20.687 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
6) S 2-Fluorobiphenyl (SURR)	8.951	1202857	20.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.38%
11) S ortho-Terphenyl (SURR)	12.026	2948091	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.651	2600007	19.786 ug/ml
2) T Naphthalene (C11.7)	6.333	2548180	20.056 ug/ml
3) T 2-Methylnaphthalene (...)	7.436	2497609	20.486 ug/ml
5) T Acenaphthylene (C15.06)	8.746	2537611	20.086 ug/ml
7) T Acenaphthene (C15.5)	9.046	2696423	19.886 ug/ml
8) T Flouorene (C16.55)	9.842	2447605	20.049 ug/ml
9) T Phenanthrene (C19.36)	11.259	2504126	20.054 ug/ml
10) T Anthracene (C19.43)	11.336	2721571	20.231 ug/ml
12) T Fluoranthene (C21.85)	13.093	2775821	19.974 ug/ml
13) T Pyrene (C20.8)	13.394	2815394	19.901 ug/ml
14) T Benzo[a]anthracene (C...	15.289	2277920	20.568 ug/ml
15) T Chrysene (C27.41)	15.331	2954568	19.934 ug/ml
16) T benzo[b]fluoranthene ...	16.860	2233269	20.141 ug/ml
17) T Bnezo[k]fluoranthene ...	16.891	2671629	19.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.246	2391840	20.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.631	1447204	16.571 ug/ml
20) T Dibenz[a,h]anthracene...	18.668	2699769	20.569 ug/ml
21) T Benzo[g,h,i]perylene ...	18.885	2067110	18.879 ug/ml

(f)=RT Delta > 1/2 Window

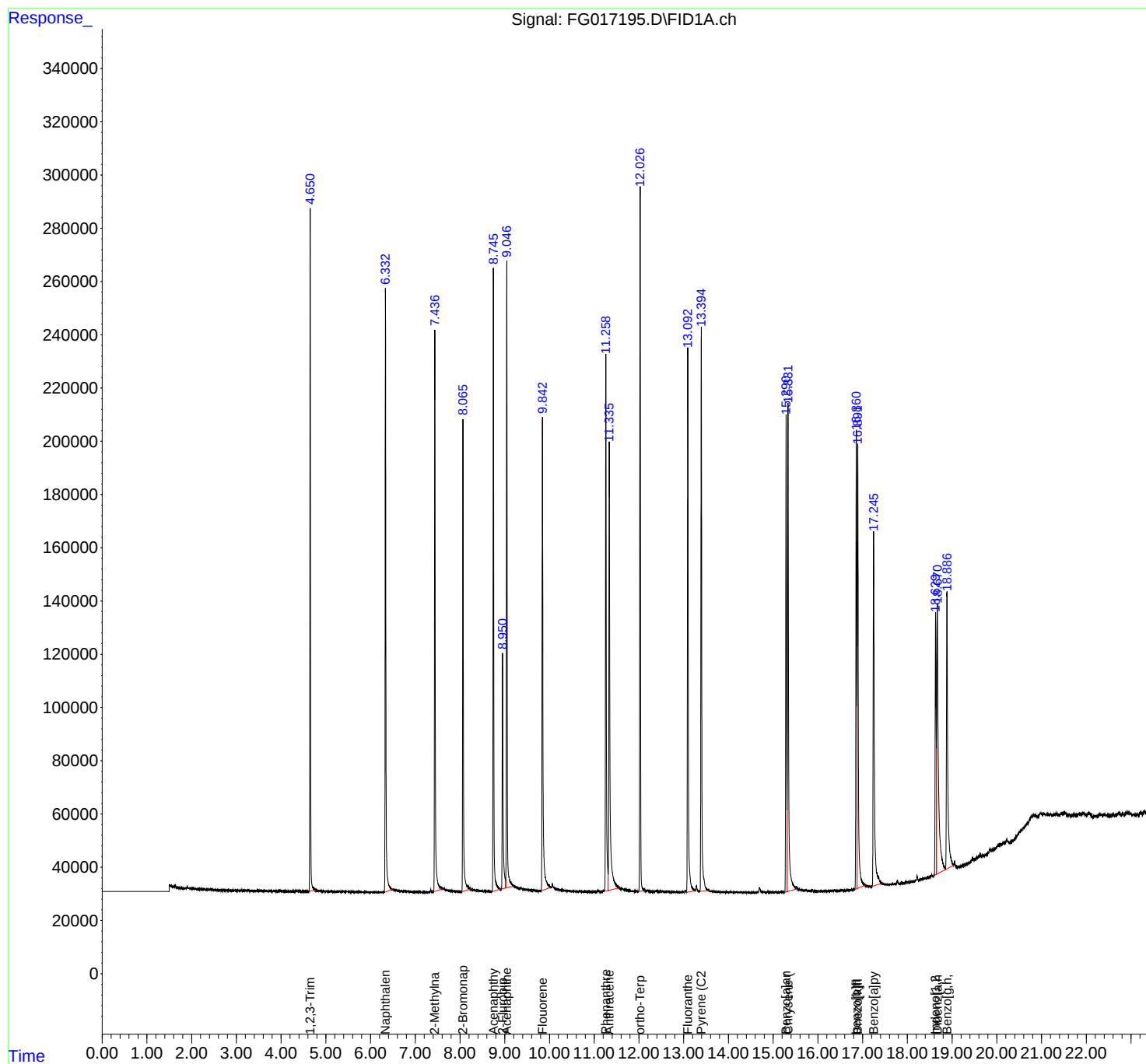
(m)=manual int.

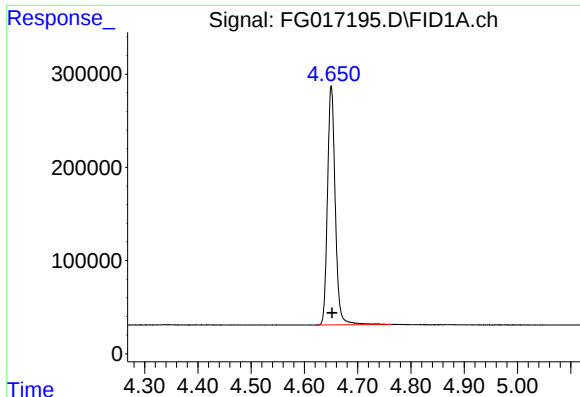
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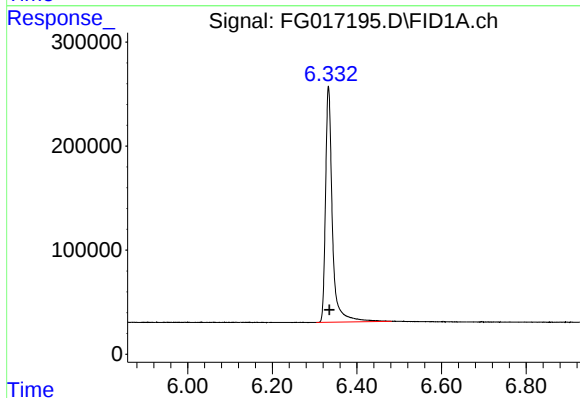




#1 1,2,3-Trimethylbenzene (C10.1)

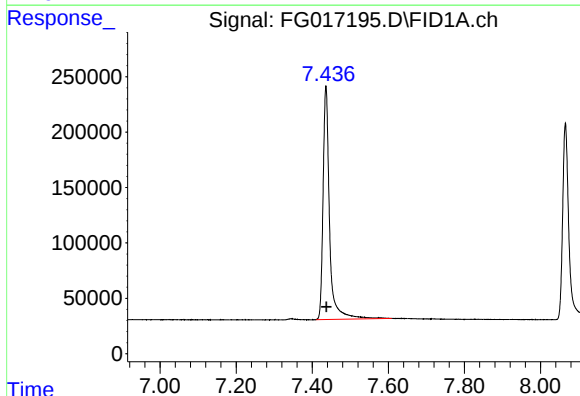
R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 2600007
Conc: 19.79 ug/ml

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20 PPM AROMATIC HC STD ICV



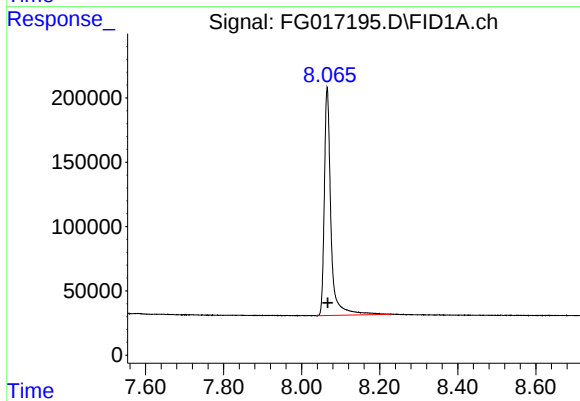
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: -0.001 min
Response: 2548180
Conc: 20.06 ug/ml



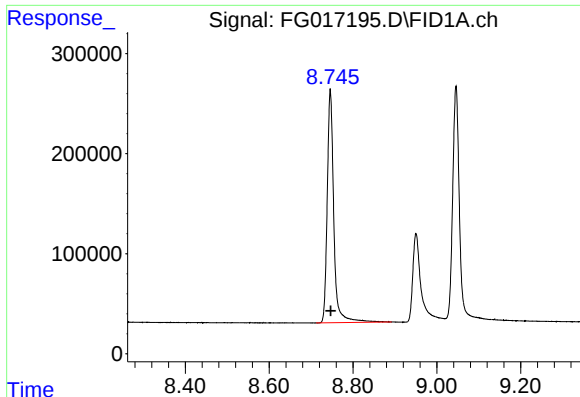
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.436 min
Delta R.T.: -0.001 min
Response: 2497609
Conc: 20.49 ug/ml



#4 2-Bromonaphthalene (SURR)

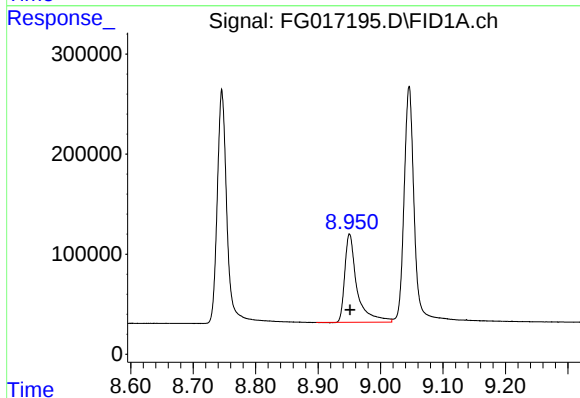
R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 2081288
Conc: 20.69 ug/ml



#5 Acenaphthylene (C15.06)

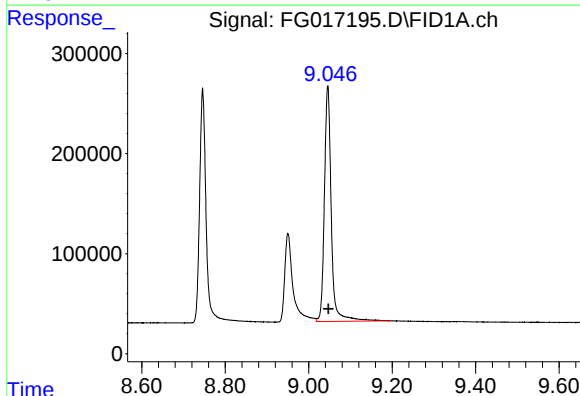
R.T.: 8.746 min
Delta R.T.: -0.001 min
Response: 2537611
Conc: 20.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



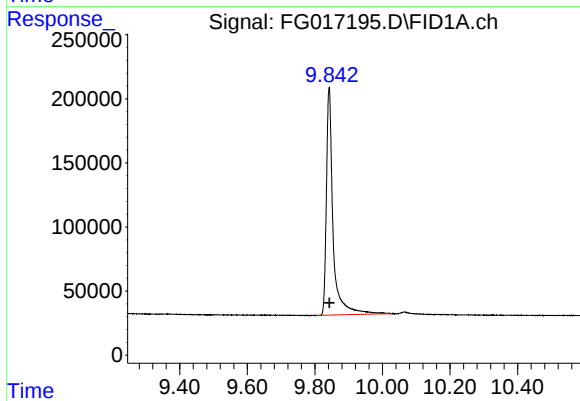
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.951 min
Delta R.T.: 0.000 min
Response: 1202857
Conc: 20.19 ug/ml



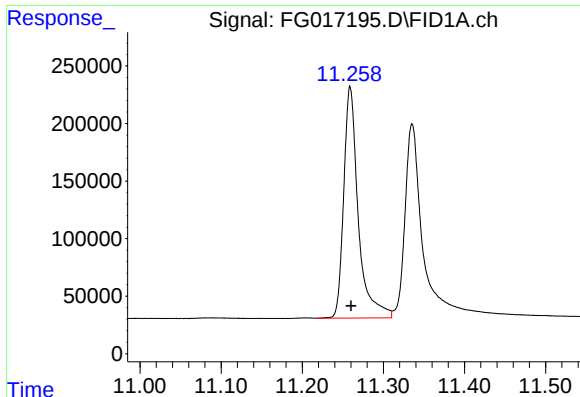
#7 Acenaphthene (C15.5)

R.T.: 9.046 min
Delta R.T.: -0.002 min
Response: 2696423
Conc: 19.89 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.842 min
Delta R.T.: -0.001 min
Response: 2447605
Conc: 20.05 ug/ml



#9 Phenanthrene (C19.36)

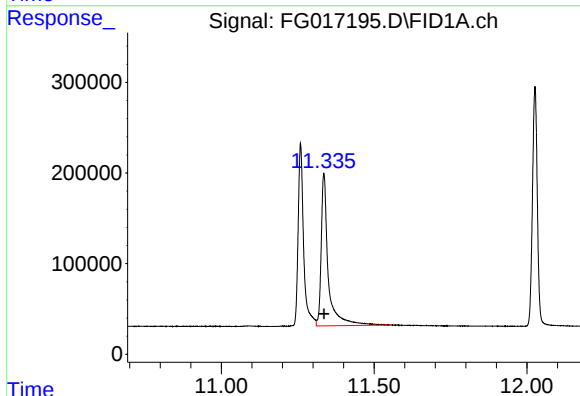
R.T.: 11.259 min
Delta R.T.: -0.001 min
Response: 2504126
Conc: 20.05 ug/ml

Instrument :

FID_G

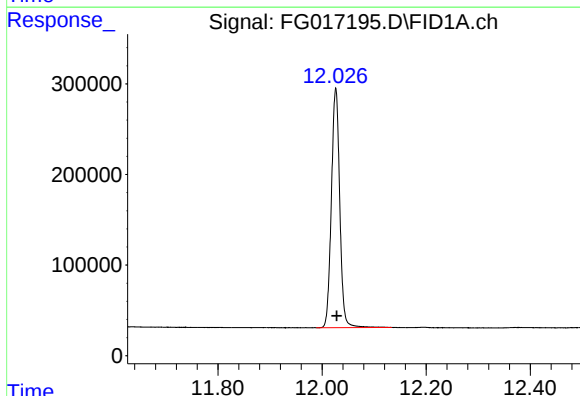
ClientSampleId :

20 PPM AROMATIC HC STD ICV



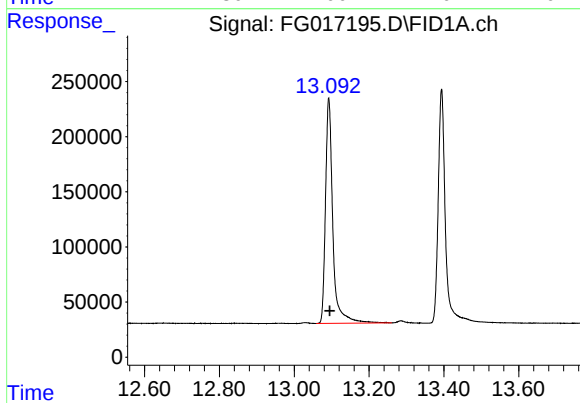
#10 Anthracene (C19.43)

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 2721571
Conc: 20.23 ug/ml



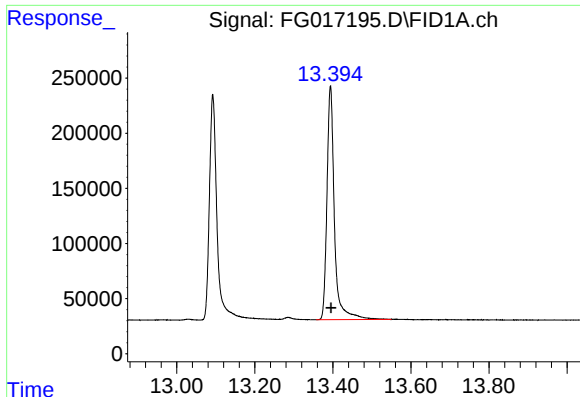
#11 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: -0.002 min
Response: 2948091
Conc: 19.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.093 min
Delta R.T.: -0.002 min
Response: 2775821
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

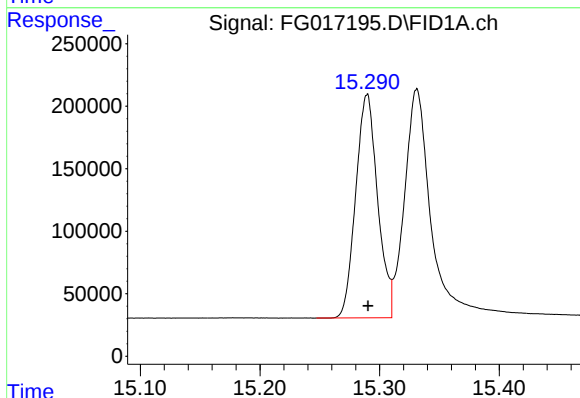
R.T.: 13.394 min
Delta R.T.: -0.002 min
Response: 2815394
Conc: 19.90 ug/ml

Instrument :

FID_G

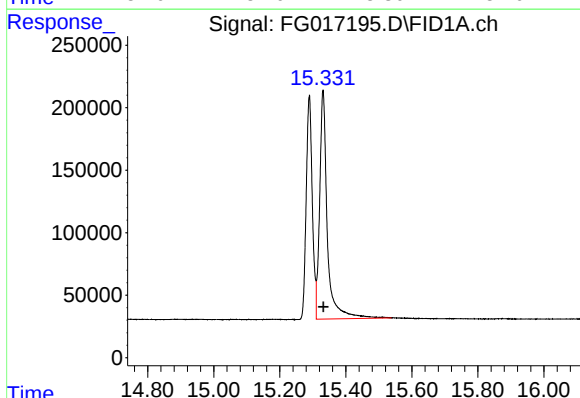
ClientSampleId :

20 PPM AROMATIC HC STD ICV



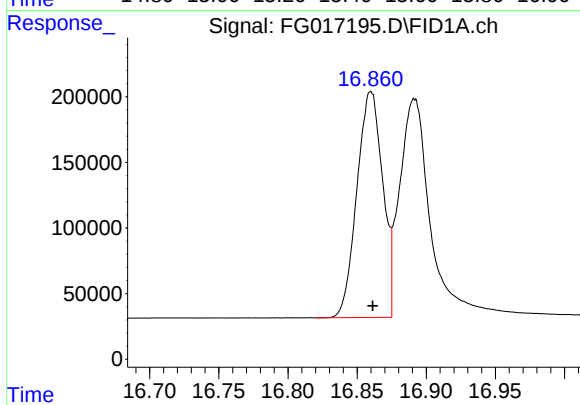
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.289 min
Delta R.T.: 0.000 min
Response: 2277920
Conc: 20.57 ug/ml



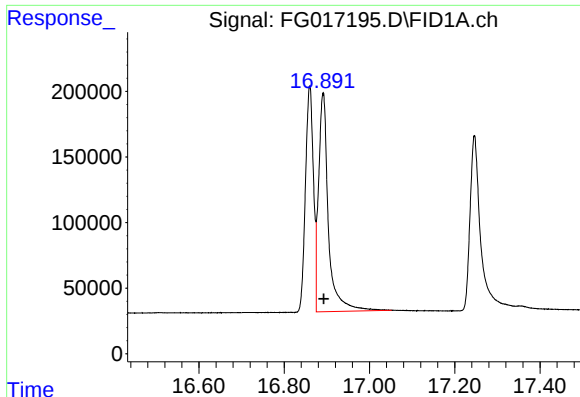
#15 Chrysene (C27.41)

R.T.: 15.331 min
Delta R.T.: -0.001 min
Response: 2954568
Conc: 19.93 ug/ml



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

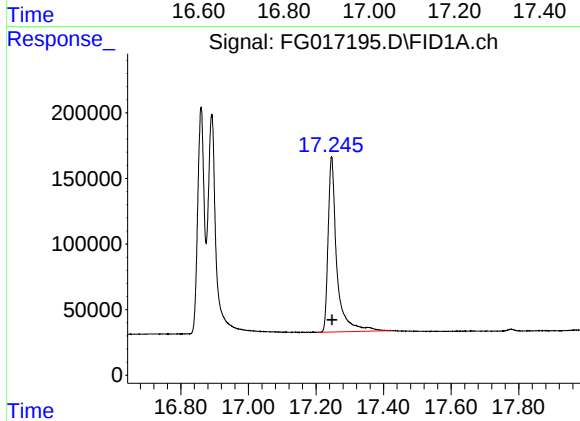
R.T.: 16.860 min
Delta R.T.: -0.001 min
Response: 2233269
Conc: 20.14 ug/ml



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

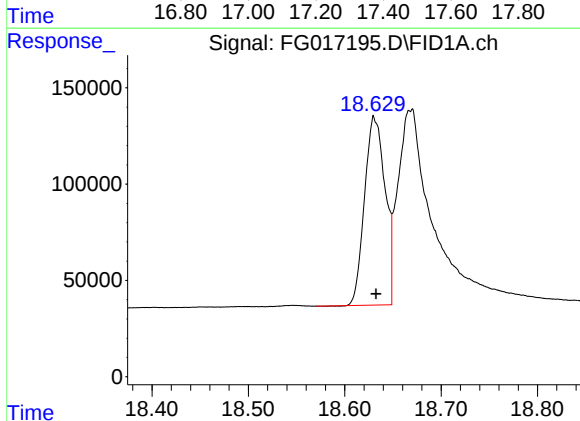
R.T.: 16.891 min
Delta R.T.: -0.002 min
Response: 2671629
Conc: 19.80 ug/ml

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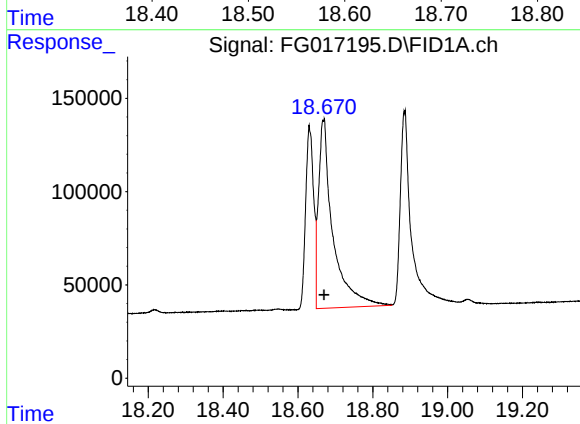
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.246 min
Delta R.T.: -0.001 min
Response: 2391840
Conc: 20.59 ug/ml



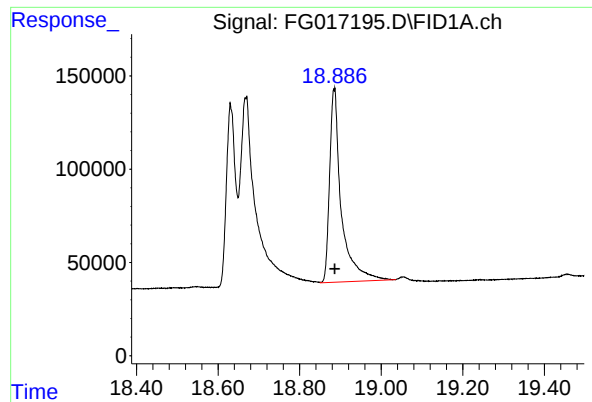
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.631 min
Delta R.T.: -0.001 min
Response: 1447204
Conc: 16.57 ug/ml



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

R.T.: 18.668 min
Delta R.T.: -0.002 min
Response: 2699769
Conc: 20.57 ug/ml



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

R.T.: 18.885 min
Delta R.T.: -0.001 min
Response: 2067110
Conc: 18.88 ug/ml

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