

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AR\
 Data File : FG016859.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 22:32
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 30 05:28:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 05:27:38 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...	8.078	6067803	55.634 ug/ml
Spiked Amount 50.000		Recovery =	111.27%
6) S 2-Fluorobiphenyl (SURR)	8.961	3864955	63.828 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.66%
11) S ortho-Terphenyl (SURR)	12.042	7569599	52.283 ug/ml
Spiked Amount 50.000		Recovery =	104.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.663	6806965	51.821 ug/ml
2) T Naphthalene (C11.7)	6.345	7162305	53.176 ug/ml
3) T 2-Methylnaphthalene (...)	7.449	7054216	57.744 ug/ml
5) T Acenaphthylene (C15.06)	8.760	6949034	57.548 ug/ml
7) T Acenaphthene (C15.5)	9.060	7376847	53.579 ug/ml
8) T Flouorene (C16.55)	9.856	7024647	56.318 ug/ml
9) T Phenanthrene (C19.36)	11.273	6866191	57.724 ug/ml
10) T Anthracene (C19.43)	11.348	6882246	49.197 ug/ml
12) T Fluoranthene (C21.85)	13.108	7359790	53.805 ug/ml
13) T Pyrene (C20.8)	13.409	7468897	52.981 ug/ml
14) T Benzo[a]anthracene (C...	15.304	6406281	60.047 ug/ml
15) T Chrysene (C27.41)	15.347	7537096	47.391 ug/ml
16) T benzo[b]fluoranthene ...	16.875	6563723	60.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.910	7044151	48.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.258	6393006	57.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	5015283	65.540 ug/ml
20) T Dibenz[a,h]anthracene...	18.676	7305886	49.644 ug/ml
21) T Benzo[g,h,i]perylene ...	18.897	6302369	52.735 ug/ml

(f)=RT Delta > 1/2 Window

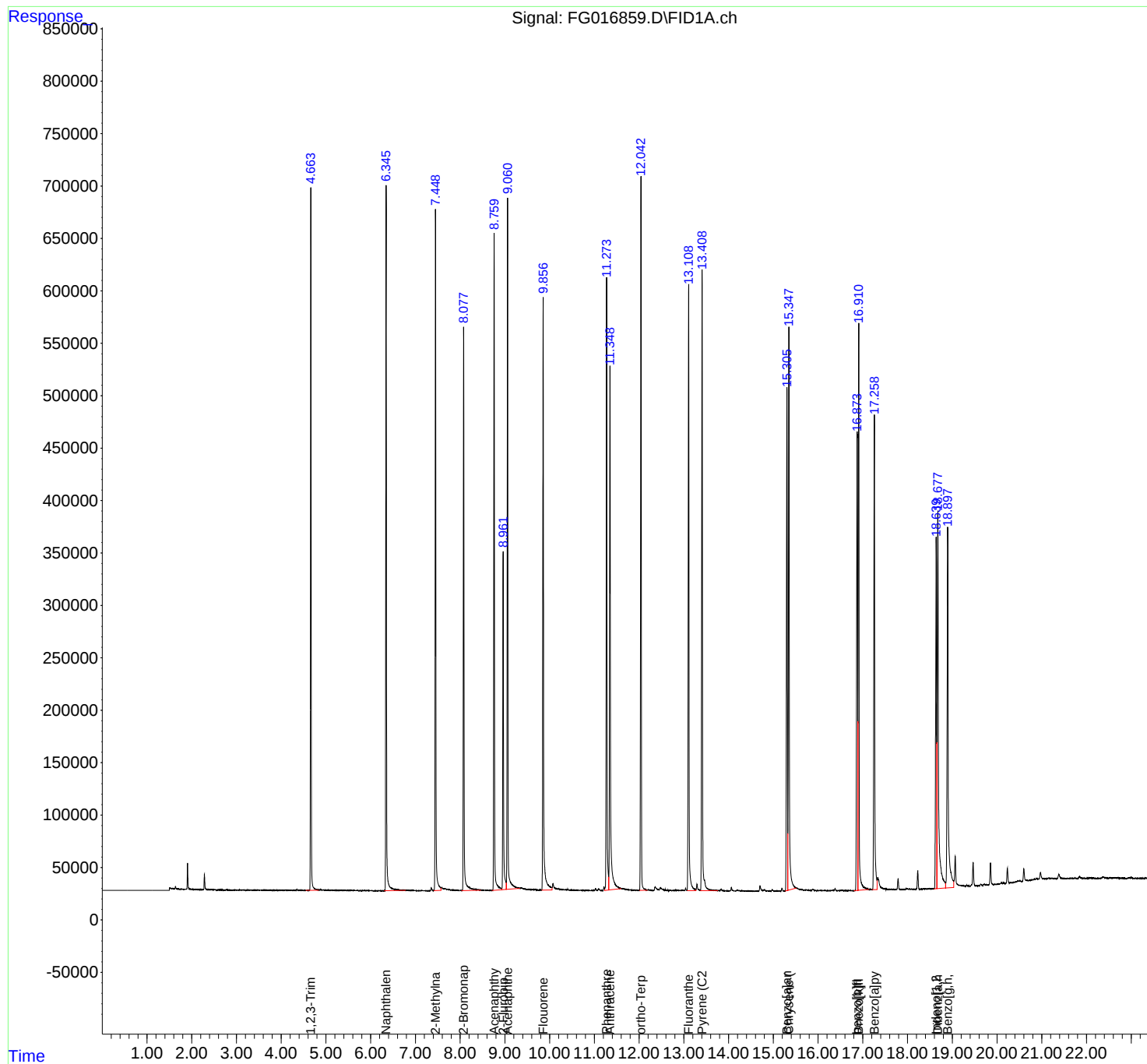
(m)=manual int.

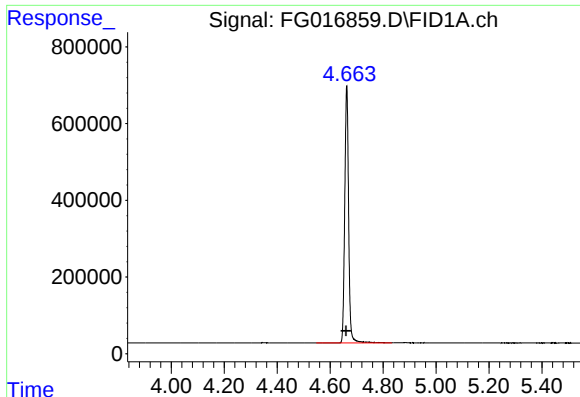
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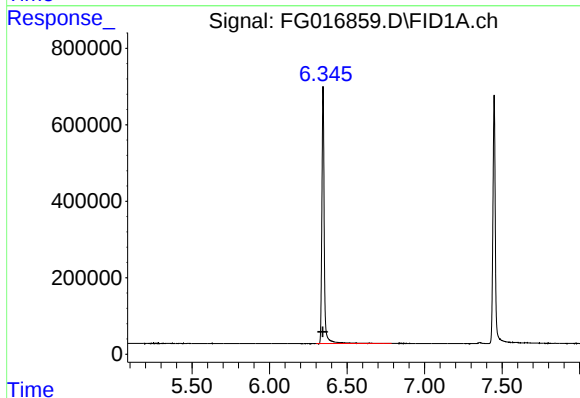




#1 1,2,3-Trimethylbenzene (C10.1)

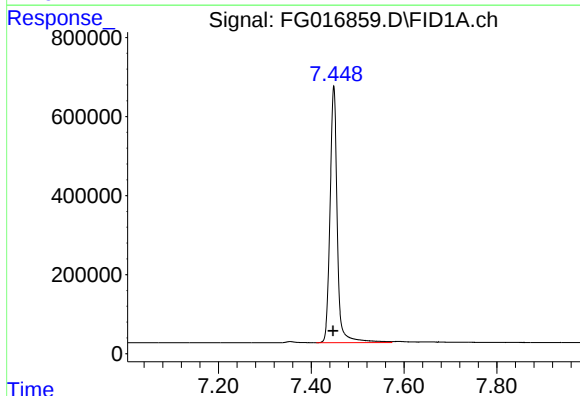
R.T.: 4.663 min
Delta R.T.: 0.002 min
Response: 6806965
Conc: 51.82 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



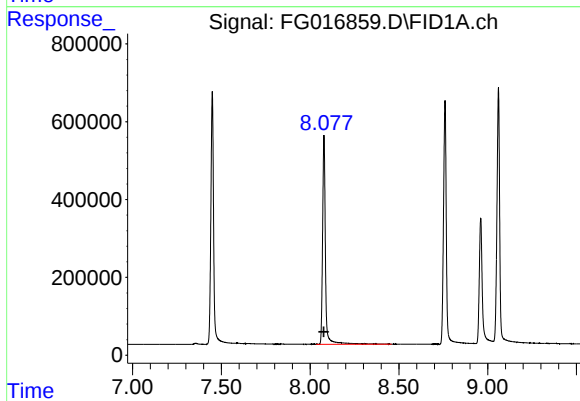
#2 Naphthalene (C11.7)

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 7162305
Conc: 53.18 ug/ml



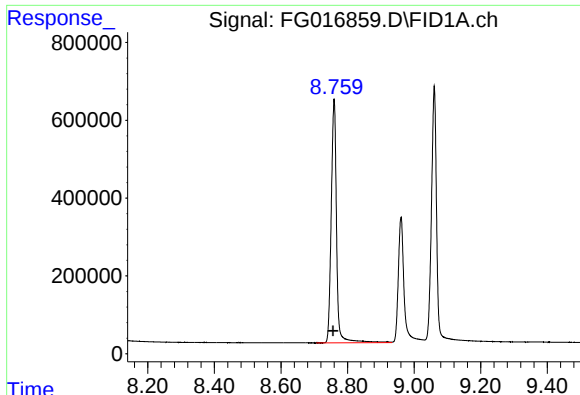
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.449 min
Delta R.T.: 0.002 min
Response: 7054216
Conc: 57.74 ug/ml



#4 2-Bromonaphthalene (SURR)

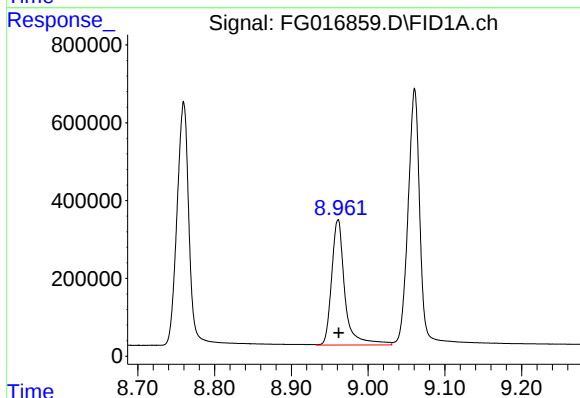
R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 6067803
Conc: 55.63 ug/ml



#5 Acenaphthylene (C15.06)

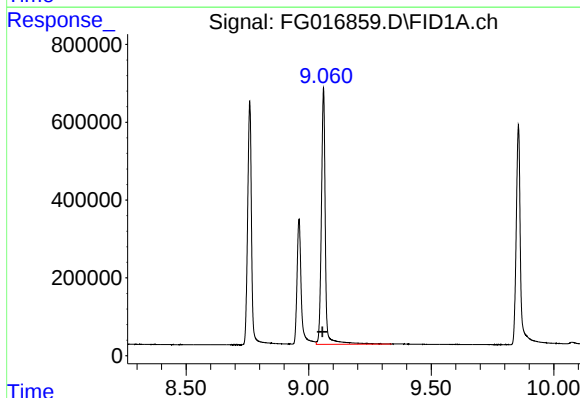
R.T.: 8.760 min
Delta R.T.: 0.003 min
Response: 6949034
Conc: 57.55 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



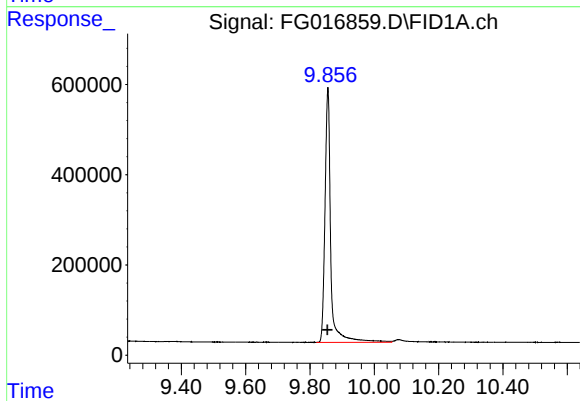
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.961 min
Delta R.T.: -0.001 min
Response: 3864955
Conc: 63.83 ug/ml



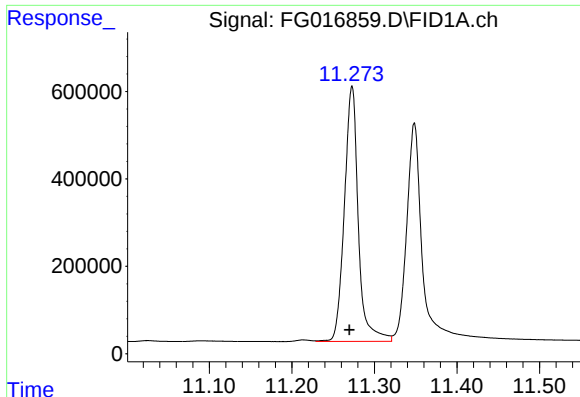
#7 Acenaphthene (C15.5)

R.T.: 9.060 min
Delta R.T.: 0.004 min
Response: 7376847
Conc: 53.58 ug/ml



#8 Fluorene (C16.55)

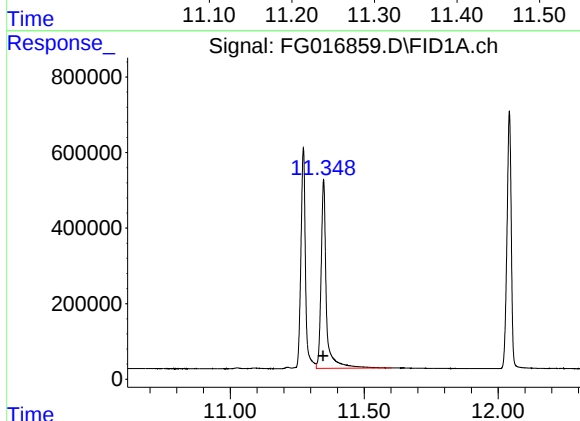
R.T.: 9.856 min
Delta R.T.: 0.001 min
Response: 7024647
Conc: 56.32 ug/ml



#9 Phenanthrene (C19.36)

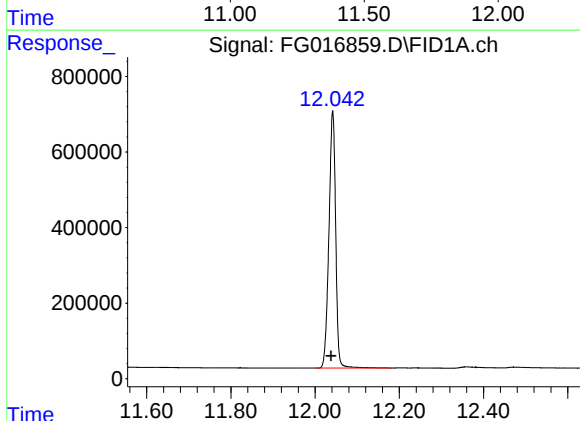
R.T.: 11.273 min
Delta R.T.: 0.003 min
Response: 6866191
Conc: 57.72 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



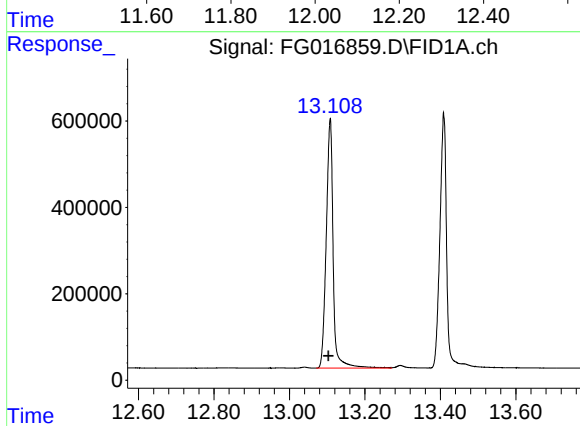
#10 Anthracene (C19.43)

R.T.: 11.348 min
Delta R.T.: 0.002 min
Response: 6882246
Conc: 49.20 ug/ml



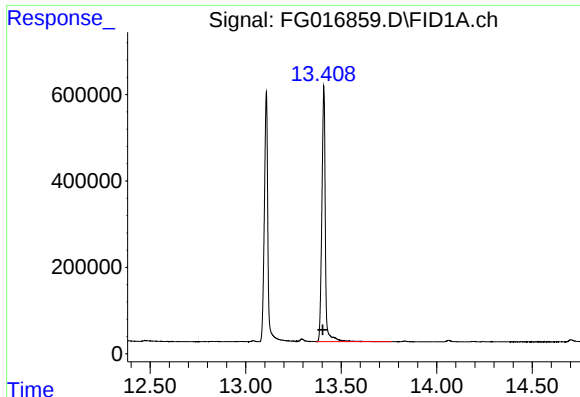
#11 ortho-Terphenyl (SURRE)

R.T.: 12.042 min
Delta R.T.: 0.004 min
Response: 7569599
Conc: 52.28 ug/ml



#12 Fluoranthene (C21.85)

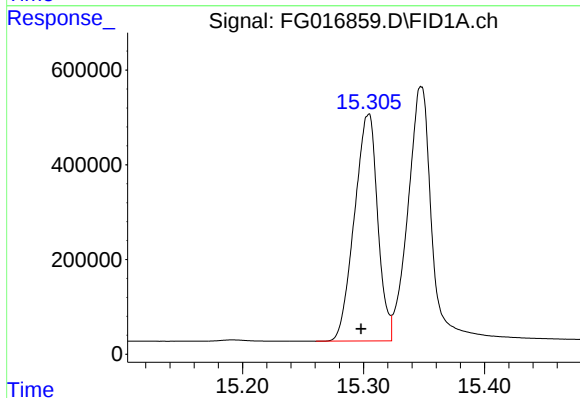
R.T.: 13.108 min
Delta R.T.: 0.005 min
Response: 7359790
Conc: 53.80 ug/ml



#13 Pyrene (C20.8)

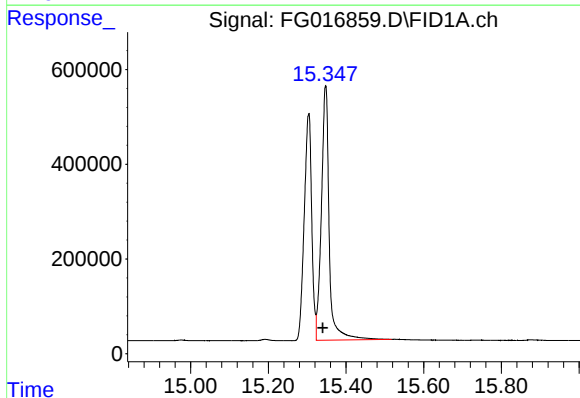
R.T.: 13.409 min
Delta R.T.: 0.005 min
Response: 7468897
Conc: 52.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



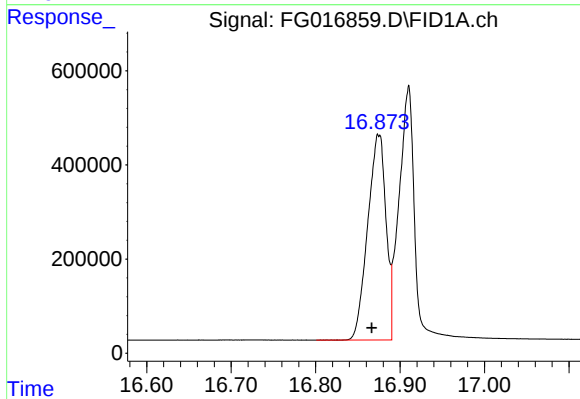
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.304 min
Delta R.T.: 0.006 min
Response: 6406281
Conc: 60.05 ug/ml



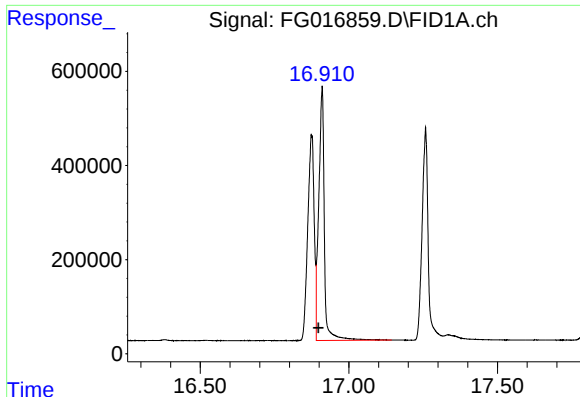
#15 Chrysene (C27.41)

R.T.: 15.347 min
Delta R.T.: 0.007 min
Response: 7537096
Conc: 47.39 ug/ml



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

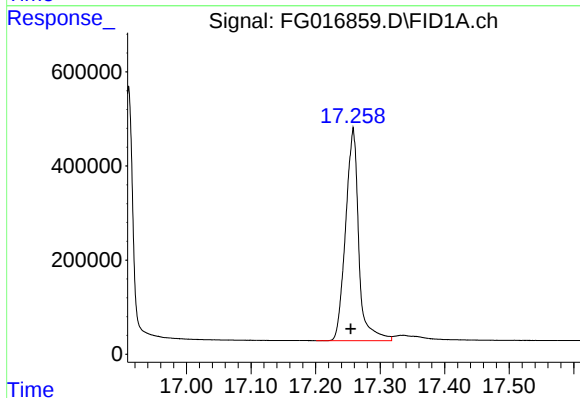
R.T.: 16.875 min
Delta R.T.: 0.008 min
Response: 6563723
Conc: 60.03 ug/ml



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

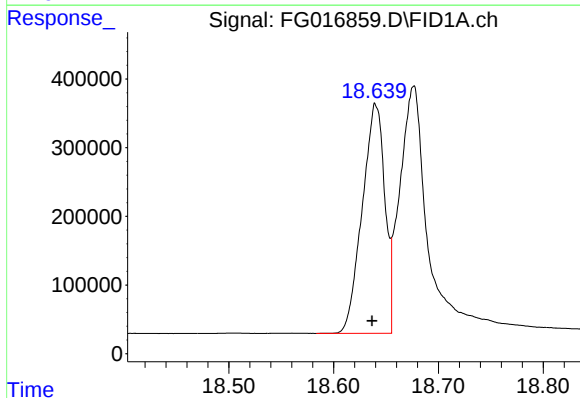
R.T.: 16.910 min
Delta R.T.: 0.011 min
Response: 7044151
Conc: 48.56 ug/ml

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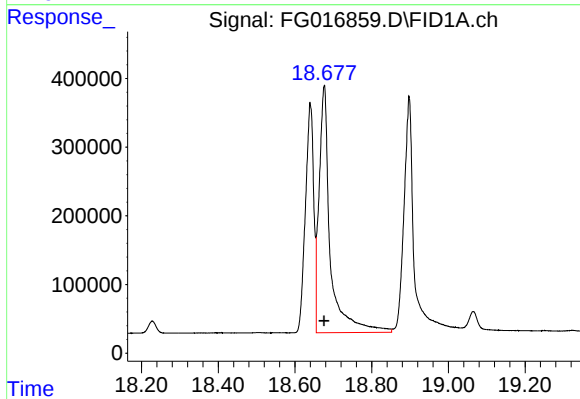
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.258 min
Delta R.T.: 0.003 min
Response: 6393006
Conc: 57.38 ug/ml



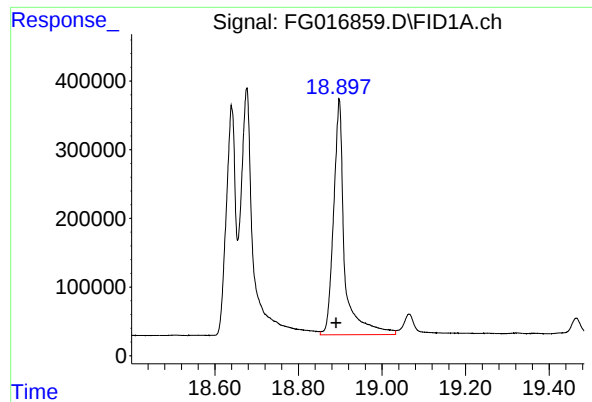
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.640 min
Delta R.T.: 0.003 min
Response: 5015283
Conc: 65.54 ug/ml



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

R.T.: 18.676 min
Delta R.T.: 0.000 min
Response: 7305886
Conc: 49.64 ug/ml



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

R.T.: 18.897 min
Delta R.T.: 0.007 min
Response: 6302369
Conc: 52.73 ug/ml

Instrument :
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ClientSampleId :
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