

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AR\
 Data File : FG016863.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2025 00:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 30 06:49:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 06:11:53 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...	8.077	2281904	20.988 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
6) S 2-Fluorobiphenyl (SURR)	8.962	1285426	21.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.06%
11) S ortho-Terphenyl (SURR)	12.038	3019825	20.336 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2773474	20.769 ug/ml
2) T Naphthalene (C11.7)	6.344	2819942	20.786 ug/ml
3) T 2-Methylnaphthalene (...)	7.447	2812894	21.211 ug/ml
5) T Acenaphthylene (C15.06)	8.757	2533832	20.715 ug/ml
7) T Acenaphthene (C15.5)	9.057	2887799	20.322 ug/ml
8) T Flouorene (C16.55)	9.854	2593923	20.382 ug/ml
9) T Phenanthrene (C19.36)	11.269	2521351	20.491 ug/ml
10) T Anthracene (C19.43)	11.345	3060222	20.237 ug/ml
12) T Fluoranthene (C21.85)	13.102	2843757	20.276 ug/ml
13) T Pyrene (C20.8)	13.403	2924223	20.267 ug/ml
14) T Benzo[a]anthracene (C...	15.298	2166050	20.775 ug/ml
15) T Chrysene (C27.41)	15.339	3281329	19.589 ug/ml
16) T benzo[b]fluoranthene ...	16.868	2184400	20.191 ug/ml
17) T Bnezo[k]fluoranthene ...	16.898	2947045	19.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.254	2250928	20.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.638	1484762	17.389 ug/ml
20) T Dibenz[a,h]anthracene...	18.675	2998747	20.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.889	2418355	19.958 ug/ml

(f)=RT Delta > 1/2 Window

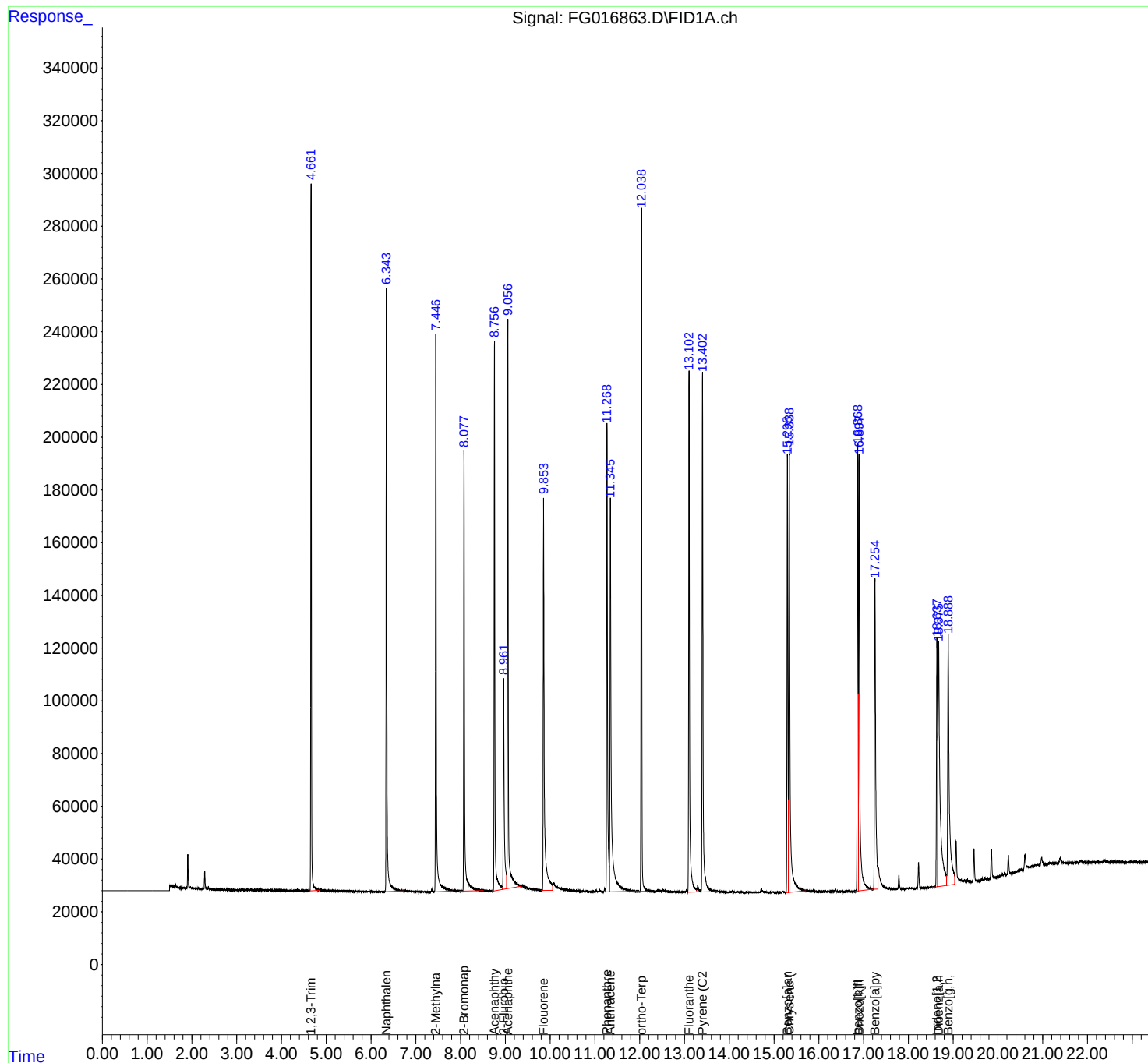
(m)=manual int.

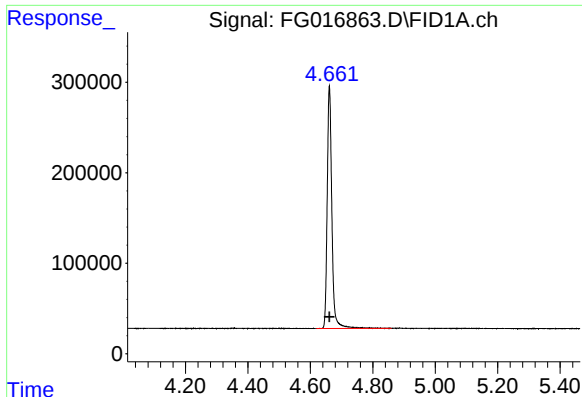
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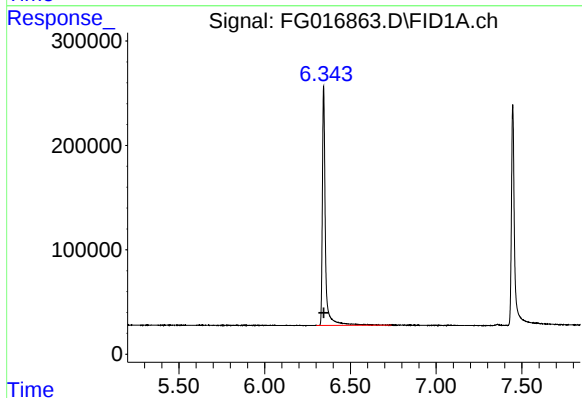




#1 1,2,3-Trimethylbenzene (C10.1)

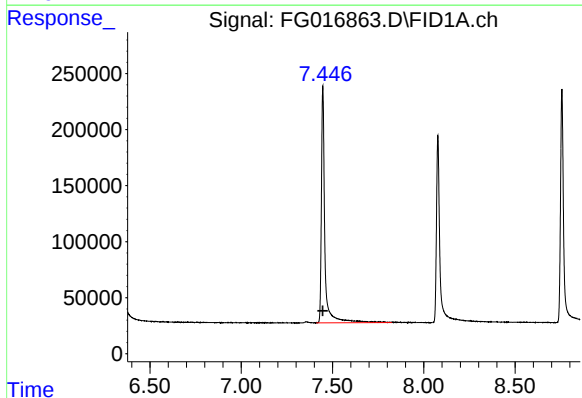
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2773474
Conc: 20.77 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



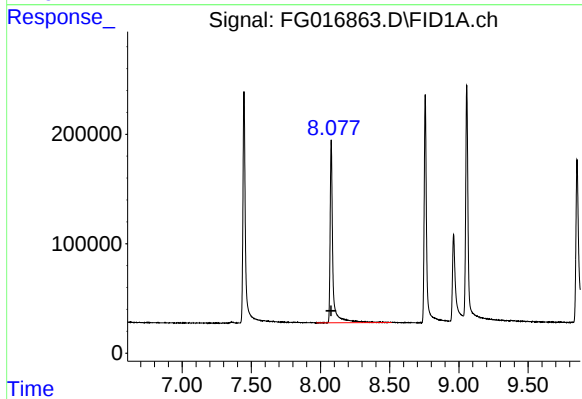
#2 Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 2819942
Conc: 20.79 ug/ml



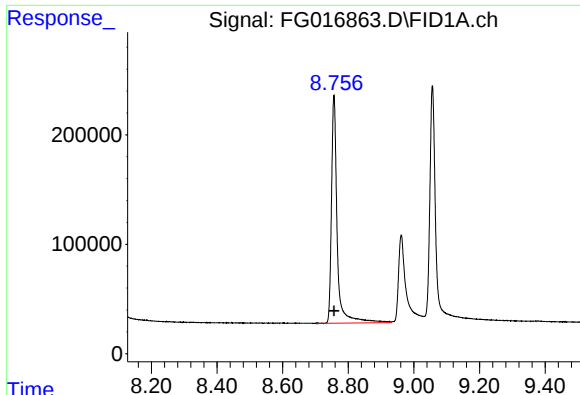
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 2812894
Conc: 21.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 2281904
Conc: 20.99 ug/ml



#5 Acenaphthylene (C15.06)

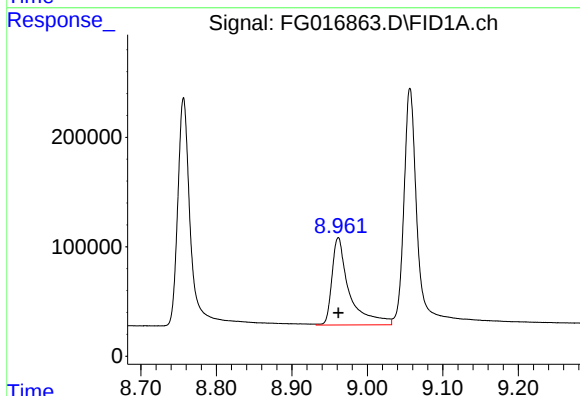
R.T.: 8.757 min
Delta R.T.: 0.000 min
Response: 2533832
Conc: 20.72 ug/ml

Instrument :

FID_G

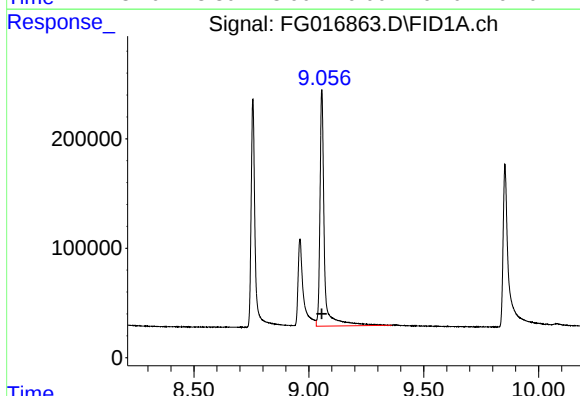
ClientSampleId :

20 PPM AROMATIC HC STD ICV



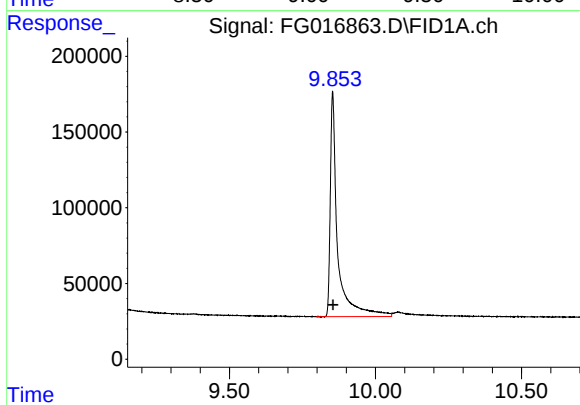
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 1285426
Conc: 21.03 ug/ml



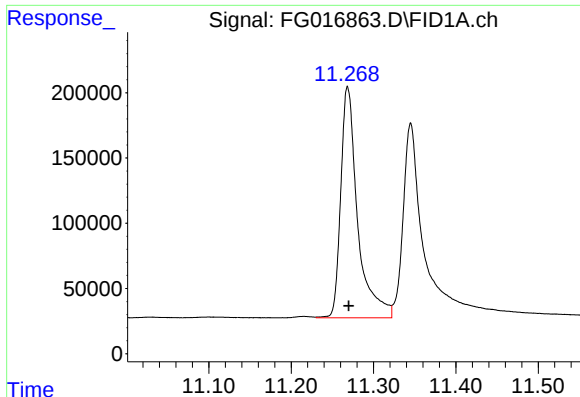
#7 Acenaphthene (C15.5)

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 2887799
Conc: 20.32 ug/ml



#8 Fluorene (C16.55)

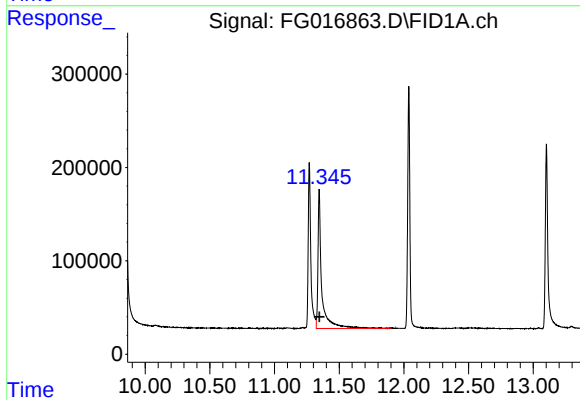
R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 2593923
Conc: 20.38 ug/ml



#9 Phenanthrene (C19.36)

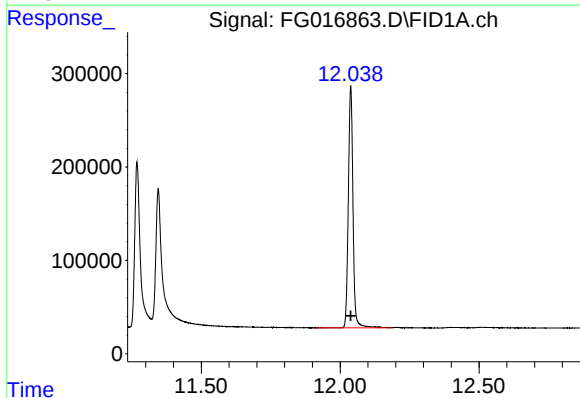
R.T.: 11.269 min
Delta R.T.: -0.001 min
Response: 2521351
Conc: 20.49 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



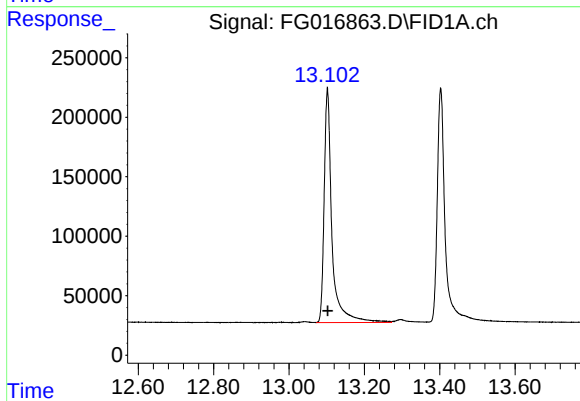
#10 Anthracene (C19.43)

R.T.: 11.345 min
Delta R.T.: -0.001 min
Response: 3060222
Conc: 20.24 ug/ml



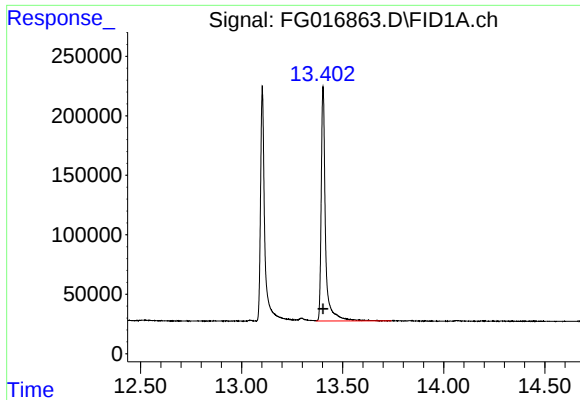
#11 ortho-Terphenyl (SURR)

R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 3019825
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

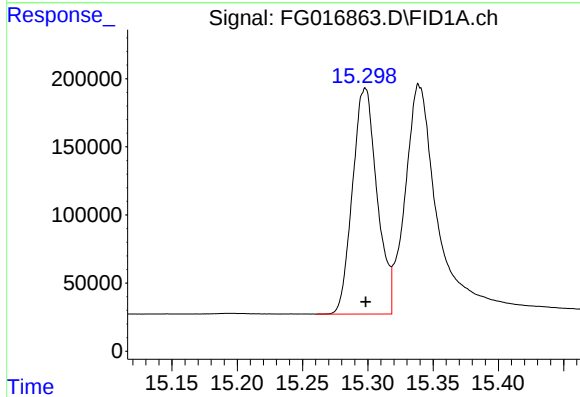
R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 2843757
Conc: 20.28 ug/ml



#13 Pyrene (C20.8)

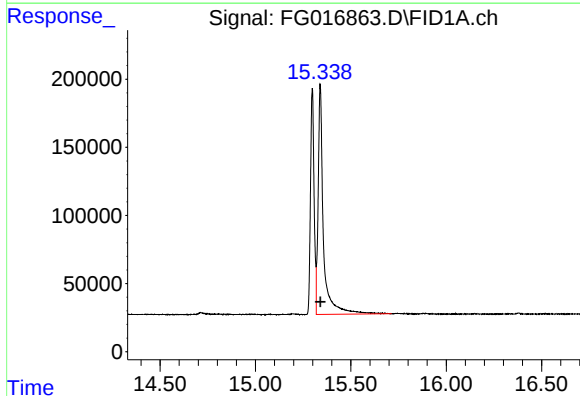
R.T.: 13.403 min
Delta R.T.: -0.001 min
Response: 2924223
Conc: 20.27 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



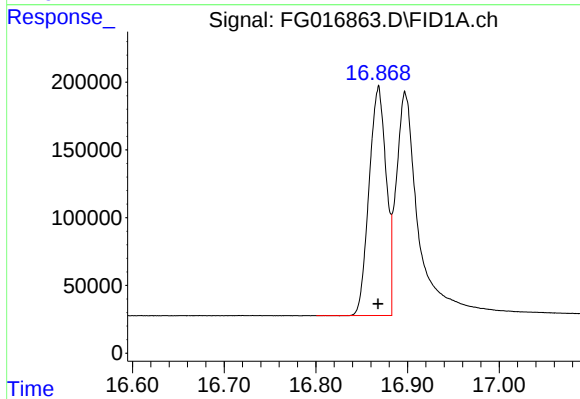
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.298 min
Delta R.T.: 0.000 min
Response: 2166050
Conc: 20.77 ug/ml



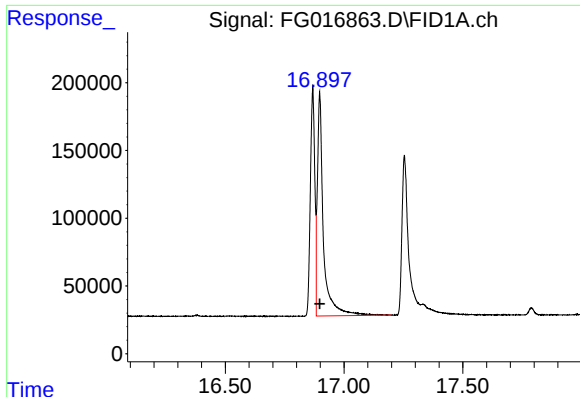
#15 Chrysene (C27.41)

R.T.: 15.339 min
Delta R.T.: 0.000 min
Response: 3281329
Conc: 19.59 ug/ml



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

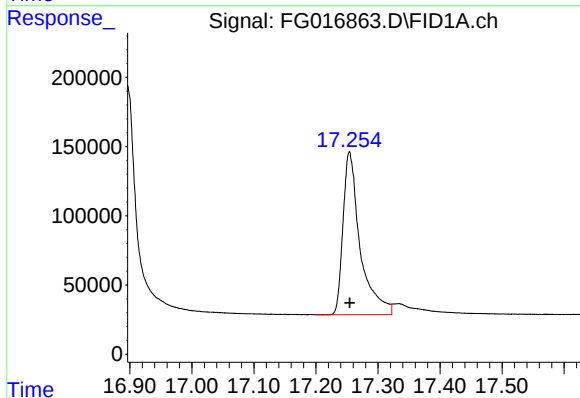
R.T.: 16.868 min
Delta R.T.: 0.000 min
Response: 2184400
Conc: 20.19 ug/ml



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

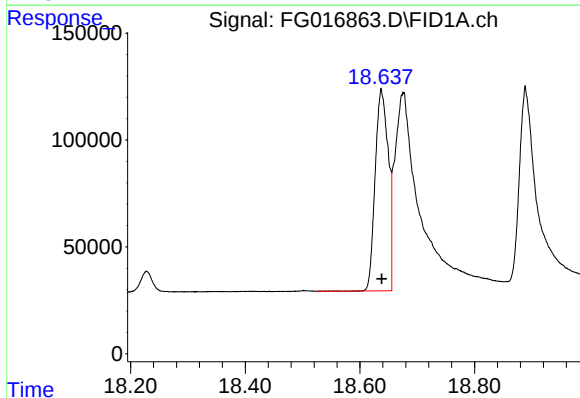
R.T.: 16.898 min
Delta R.T.: 0.000 min
Response: 2947045
Conc: 19.60 ug/ml

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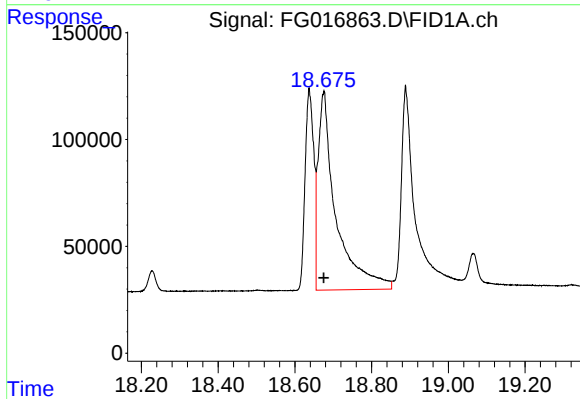
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 2250928
Conc: 20.05 ug/ml



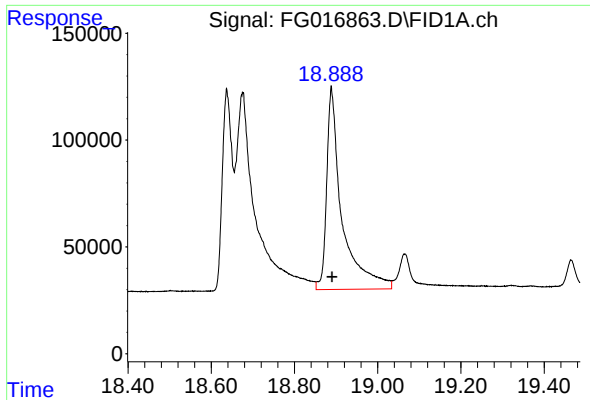
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.638 min
Delta R.T.: 0.000 min
Response: 1484762
Conc: 17.39 ug/ml



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

R.T.: 18.675 min
Delta R.T.: 0.000 min
Response: 2998747
Conc: 20.53 ug/ml



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

R.T.: 18.889 min
Delta R.T.: 0.000 min
Response: 2418355
Conc: 19.96 ug/ml

Instrument :

FID_G

ClientSampleId :

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