

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016642.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 11:48
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 25 12:45:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:44:26 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...	8.091	2161892	18.899 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
6) S 2-Fluorobiphenyl (SURR)	8.975	1411544	18.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.81%
11) S ortho-Terphenyl (SURR)	12.056	2634713	18.594 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.677	2448224	18.597 ug/ml
2) T Naphthalene (C11.7)	6.359	2560681	18.459 ug/ml
3) T 2-Methylnaphthalene (...)	7.461	2457296	18.007 ug/ml
5) T Acenaphthylene (C15.06)	8.772	2441104	18.754 ug/ml
7) T Acenaphthene (C15.5)	9.073	2696334	18.532 ug/ml
8) T Flouorene (C16.55)	9.869	2511839	18.656 ug/ml
9) T Phenanthrene (C19.36)	11.286	2410237	18.828 ug/ml
10) T Anthracene (C19.43)	11.362	2582748	18.194 ug/ml
12) T Fluoranthene (C21.85)	13.120	2542125	18.638 ug/ml
13) T Pyrene (C20.8)	13.420	2546374	18.552 ug/ml
14) T Benzo[a]anthracene (C...	15.313	2144210	18.993 ug/ml
15) T Chrysene (C27.41)	15.355	2735639	18.294 ug/ml
16) T benzo[b]fluoranthene ...	16.883	2027874	18.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.914	2614553	18.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.269	2342351	19.496 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.650	1385013	16.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.688	2841137	19.182 ug/ml
21) T Benzo[g,h,i]perylene ...	18.904	2114258	18.746 ug/ml

(f)=RT Delta > 1/2 Window

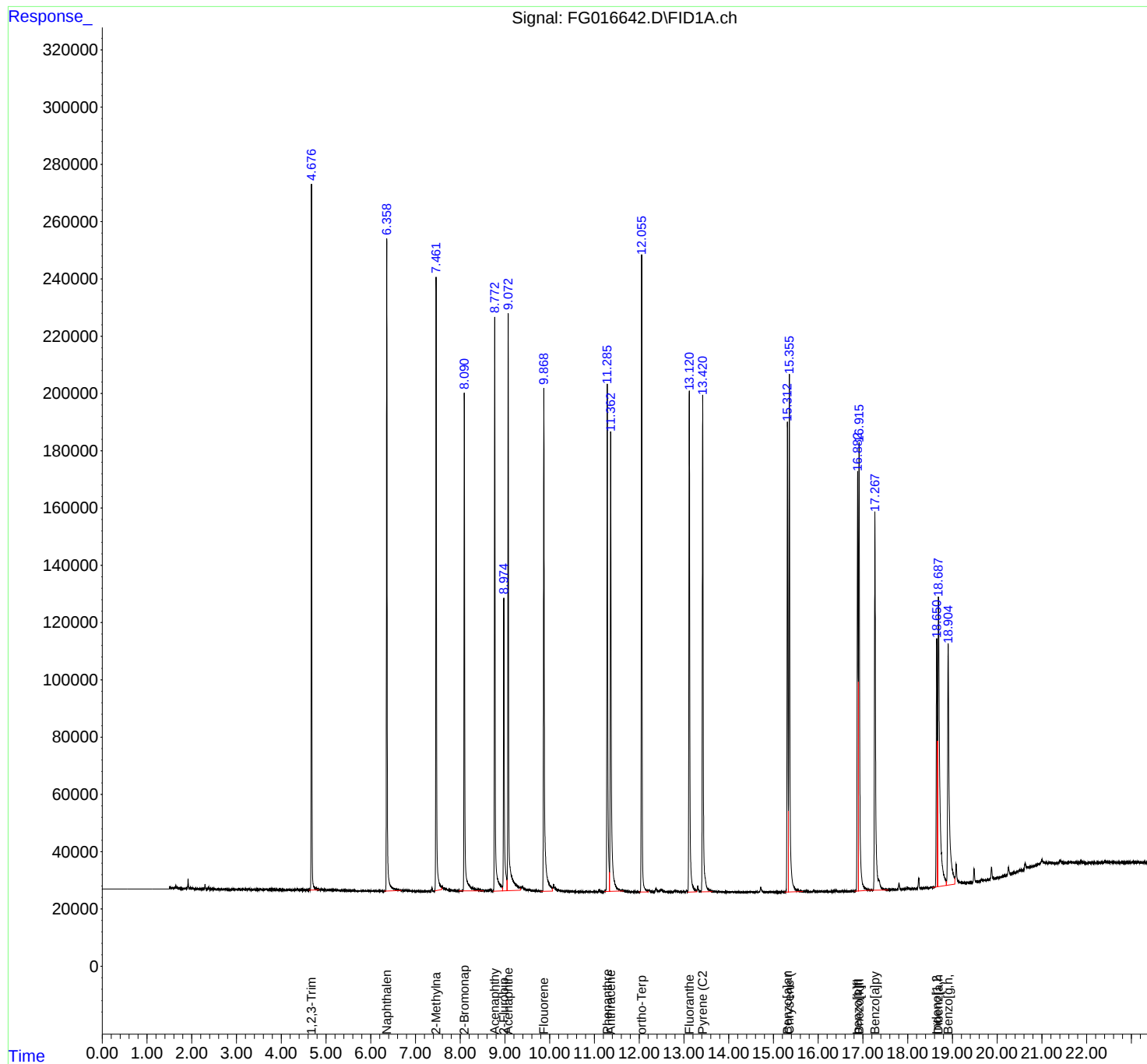
(m)=manual int.

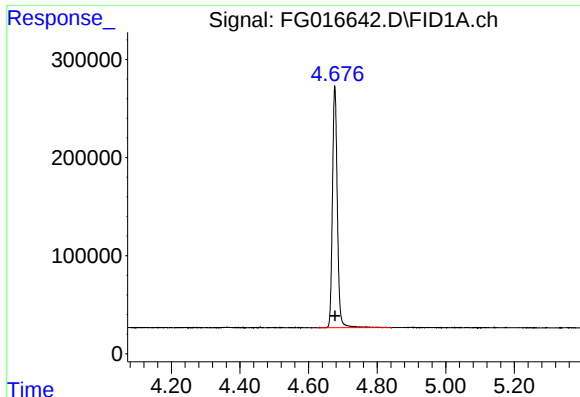
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#1 1,2,3-Trimethylbenzene (C10.1)

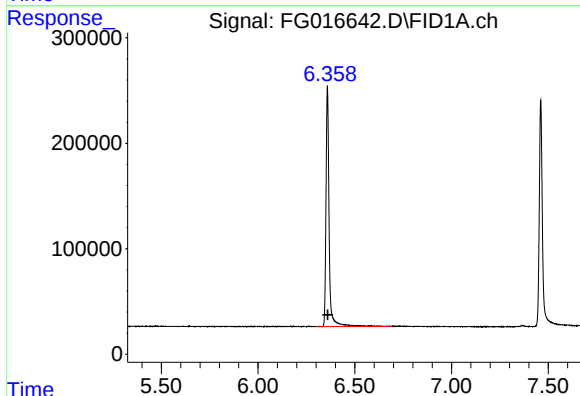
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 2448224
Conc: 18.60 ug/ml

Instrument :

FID_G

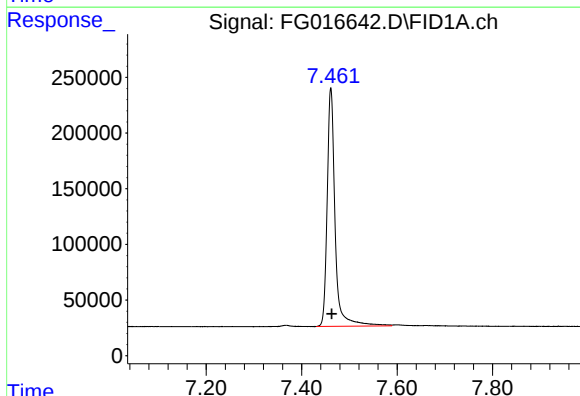
ClientSampleId :

20 PPM AROMATIC HC STD ICV



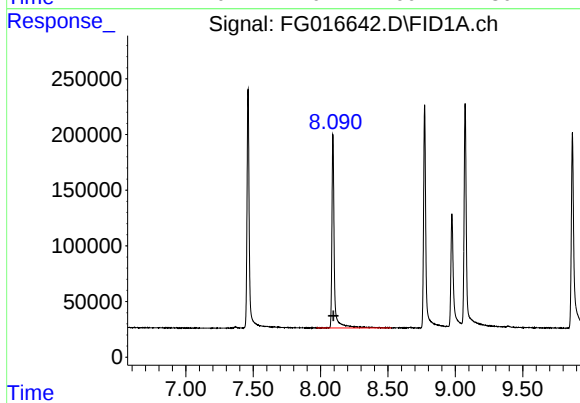
#2 Naphthalene (C11.7)

R.T.: 6.359 min
Delta R.T.: -0.001 min
Response: 2560681
Conc: 18.46 ug/ml



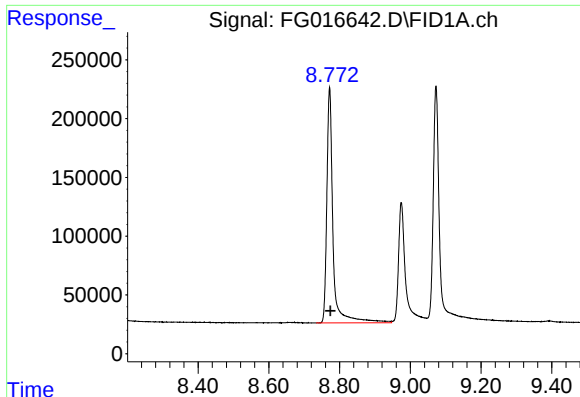
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 2457296
Conc: 18.01 ug/ml



#4 2-Bromonaphthalene (SURR)

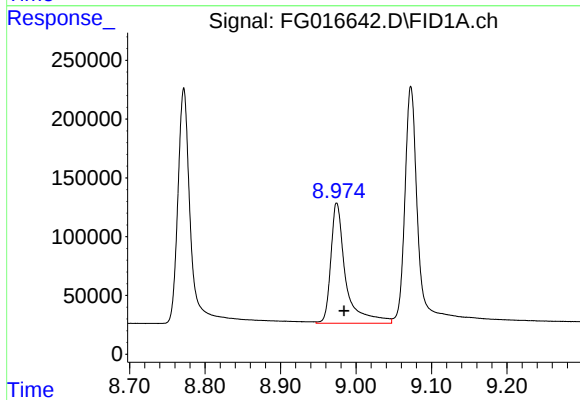
R.T.: 8.091 min
Delta R.T.: -0.003 min
Response: 2161892
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

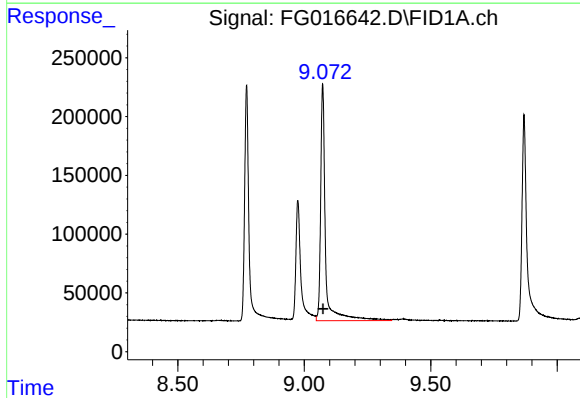
R.T.: 8.772 min
Delta R.T.: -0.003 min
Response: 2441104
Conc: 18.75 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



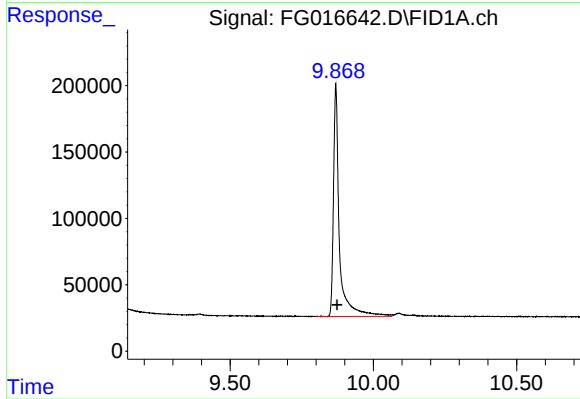
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.975 min
Delta R.T.: -0.009 min
Response: 1411544
Conc: 18.90 ug/ml



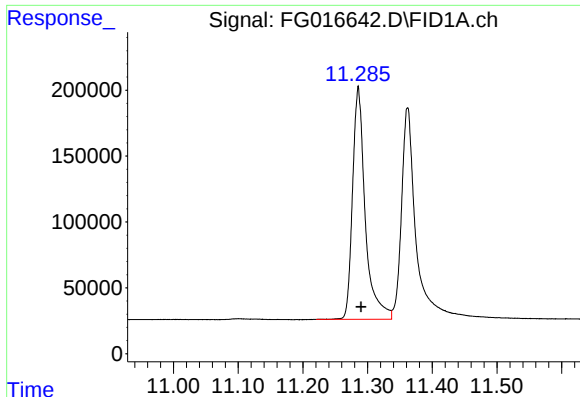
#7 Acenaphthene (C15.5)

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 2696334
Conc: 18.53 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.869 min
Delta R.T.: -0.005 min
Response: 2511839
Conc: 18.66 ug/ml



#9 Phenanthrene (C19.36)

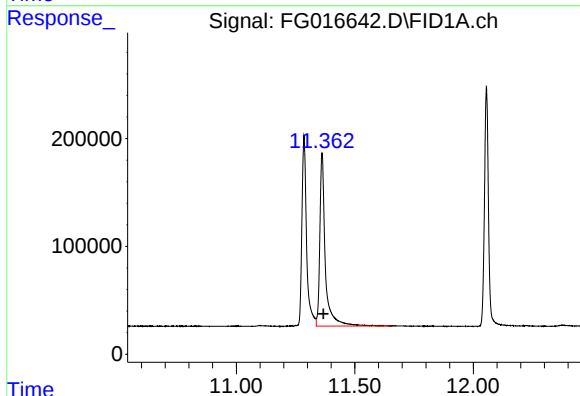
R.T.: 11.286 min
Delta R.T.: -0.004 min
Response: 2410237
Conc: 18.83 ug/ml

Instrument :

FID_G

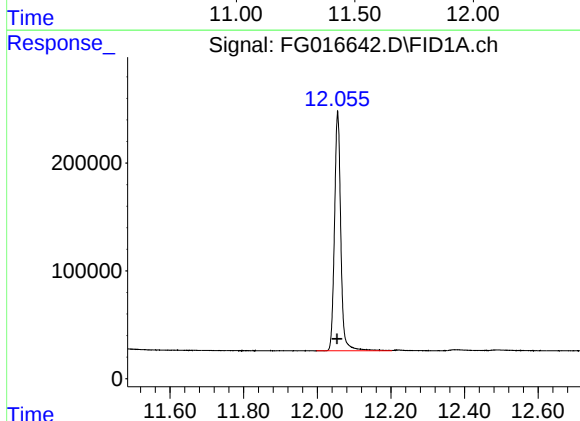
ClientSampleId :

20 PPM AROMATIC HC STD ICV



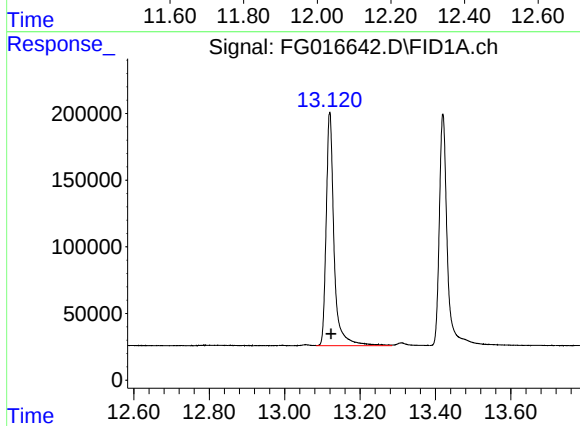
#10 Anthracene (C19.43)

R.T.: 11.362 min
Delta R.T.: -0.005 min
Response: 2582748
Conc: 18.19 ug/ml



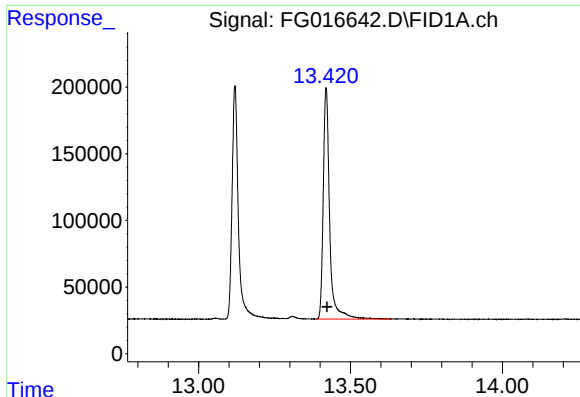
#11 ortho-Terphenyl (SURR)

R.T.: 12.056 min
Delta R.T.: 0.001 min
Response: 2634713
Conc: 18.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.120 min
Delta R.T.: -0.004 min
Response: 2542125
Conc: 18.64 ug/ml



#13 Pyrene (C20.8)

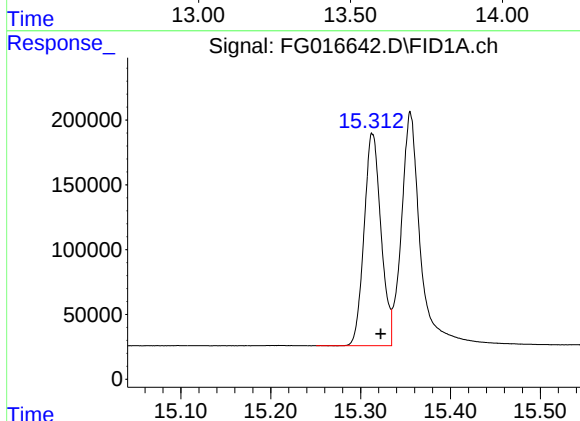
R.T.: 13.420 min
Delta R.T.: -0.003 min
Response: 2546374
Conc: 18.55 ug/ml

Instrument :

FID_G

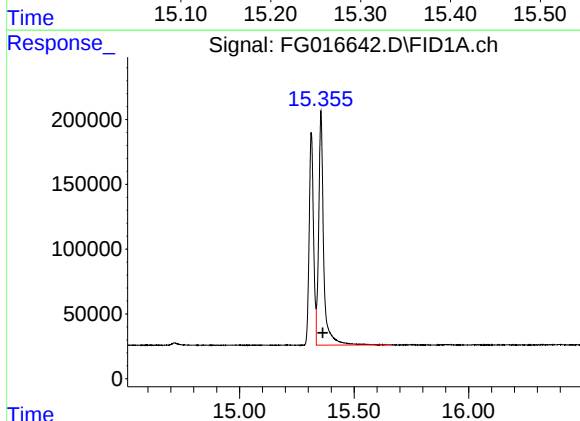
ClientSampleId :

20 PPM AROMATIC HC STD ICV



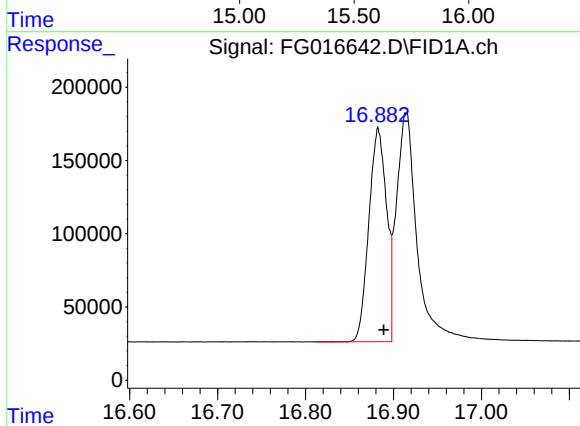
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.313 min
Delta R.T.: -0.009 min
Response: 2144210
Conc: 18.99 ug/ml



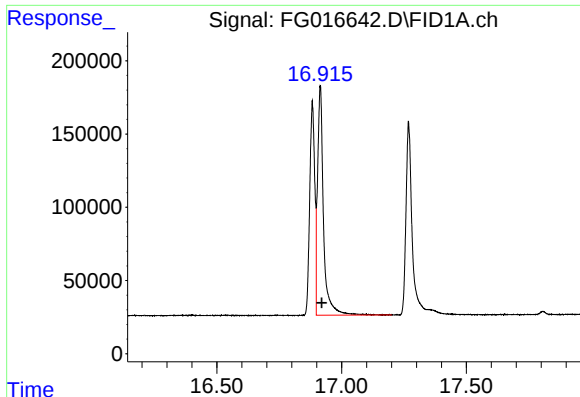
#15 Chrysene (C27.41)

R.T.: 15.355 min
Delta R.T.: -0.008 min
Response: 2735639
Conc: 18.29 ug/ml



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

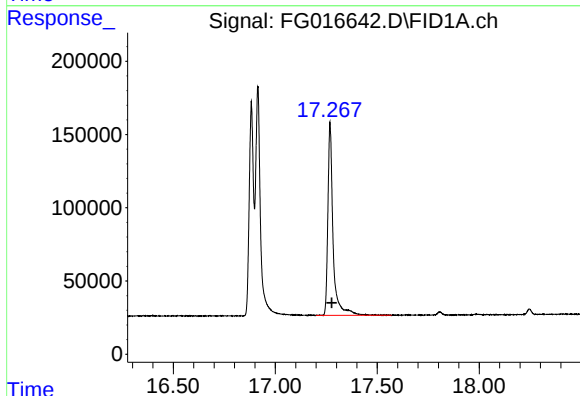
R.T.: 16.883 min
Delta R.T.: -0.006 min
Response: 2027874
Conc: 18.65 ug/ml



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

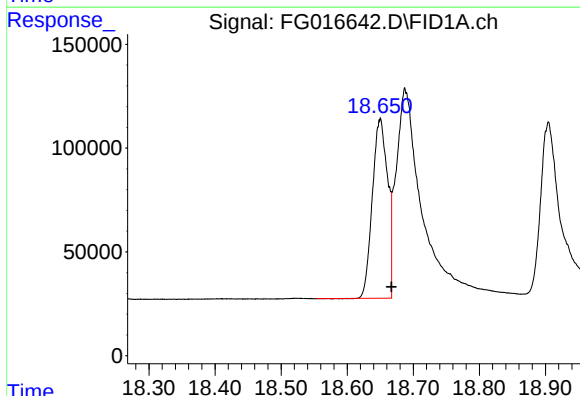
R.T.: 16.914 min
Delta R.T.: -0.006 min
Response: 2614553
Conc: 18.58 ug/ml

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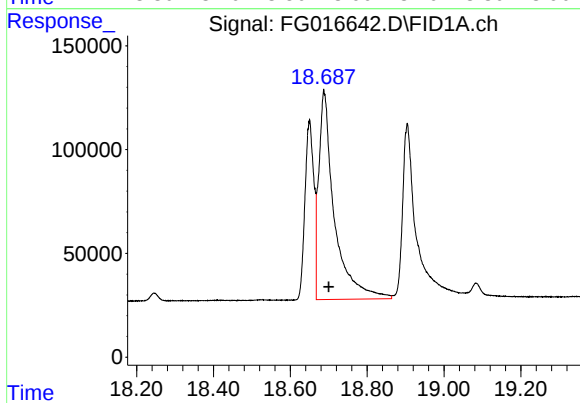
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.269 min
Delta R.T.: -0.008 min
Response: 2342351
Conc: 19.50 ug/ml



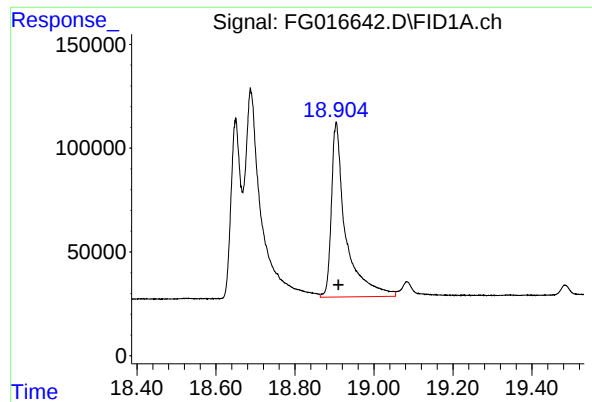
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.650 min
Delta R.T.: -0.017 min
Response: 1385013
Conc: 16.83 ug/ml



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

R.T.: 18.688 min
Delta R.T.: -0.012 min
Response: 2841137
Conc: 19.18 ug/ml



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

R.T.: 18.904 min
Delta R.T.: -0.006 min
Response: 2114258
Conc: 18.75 ug/ml

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