

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102324AR\
 Data File : FG014500.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 02:57
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 23 03:45:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 2024
 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...	8.030	2660379	21.192 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
6) S 2-Fluorobiphenyl (SURR)	8.905	1818670	21.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.23%
11) S ortho-Terphenyl (SURR)	11.976	3065653	20.706 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.634	2930884	21.632 ug/ml
2) T Naphthalene (C11.7)	6.305	3084831	21.497 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	3124953	21.397 ug/ml
5) T Acenaphthylene (C15.06)	8.706	3071604	21.097 ug/ml
7) T Acenaphthene (C15.5)	9.006	3060142	21.146 ug/ml
8) T Fluorene (C16.55)	9.796	3041958	20.997 ug/ml
9) T Phenanthrene (C19.36)	11.204	3055858	20.762 ug/ml
10) T Anthracene (C19.43)	11.278	2882442	20.555 ug/ml
12) T Fluoranthene (C21.85)	13.025	3046222	20.597 ug/ml
13) T Pyrene (C20.8)	13.325	3020593	20.546 ug/ml
14) T Benzo[a]anthracene (C...	15.205	2955005	20.405 ug/ml
15) T Chrysene (C27.41)	15.247	3010294	20.522 ug/ml
16) T benzo[b]fluoranthene ...	16.761	2966617	20.170 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	2788764	20.208 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.141	2857545	20.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	2607953	19.539 ug/ml
20) T Dibenz[a,h]anthracene...	18.550	2872870	20.586 ug/ml
21) T Benzo[g,h,i]perylene ...	18.765	2746092	19.738 ug/ml

(f)=RT Delta > 1/2 Window

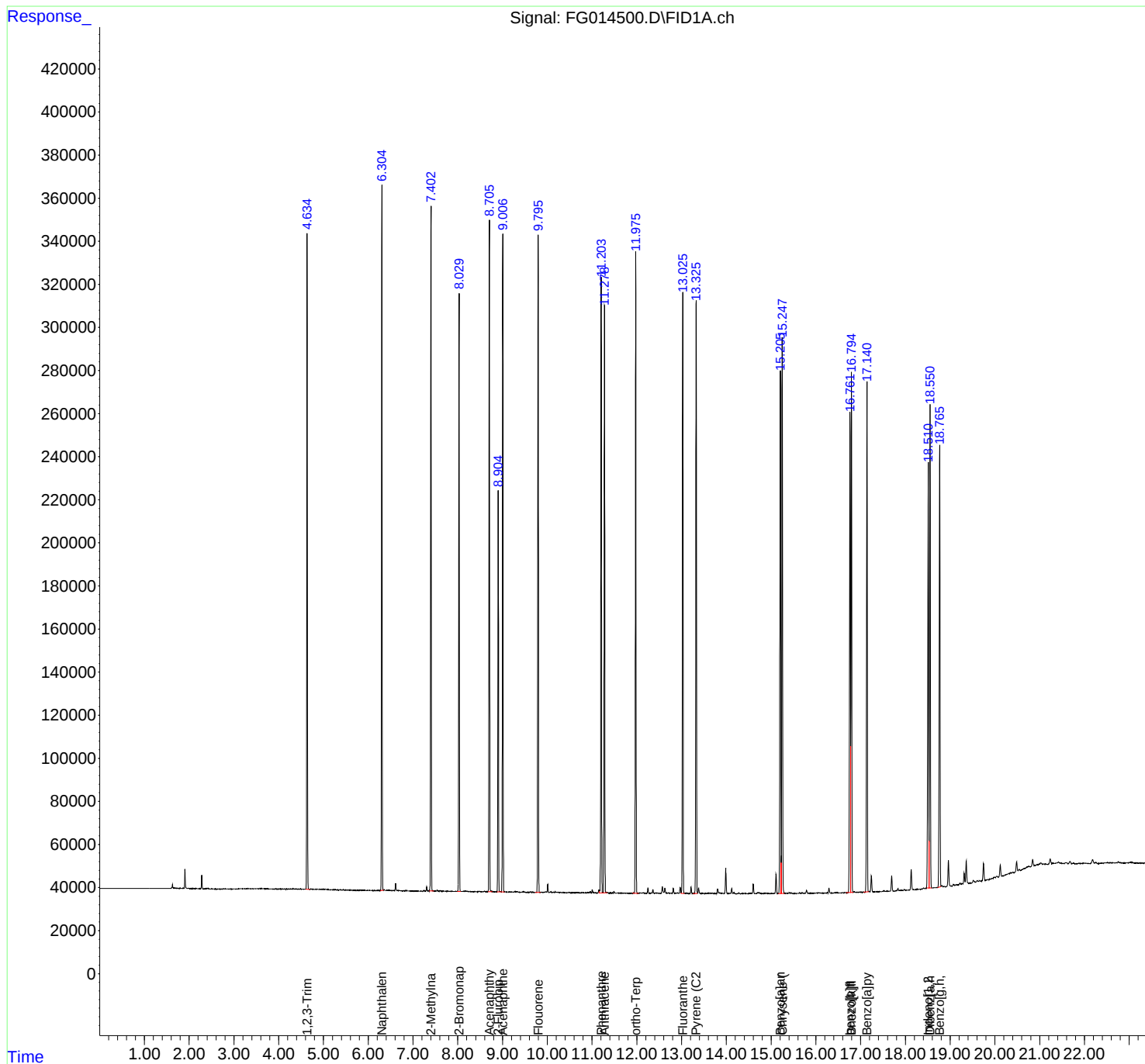
(m)=manual int.

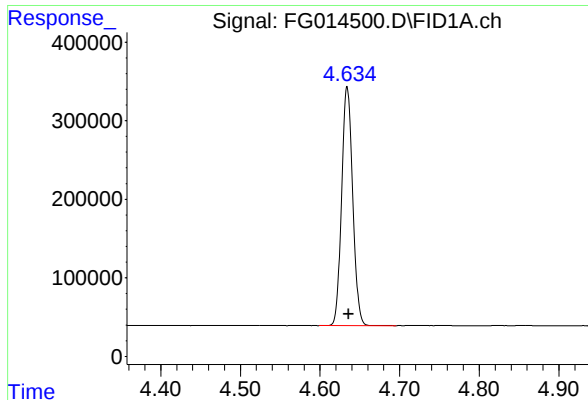
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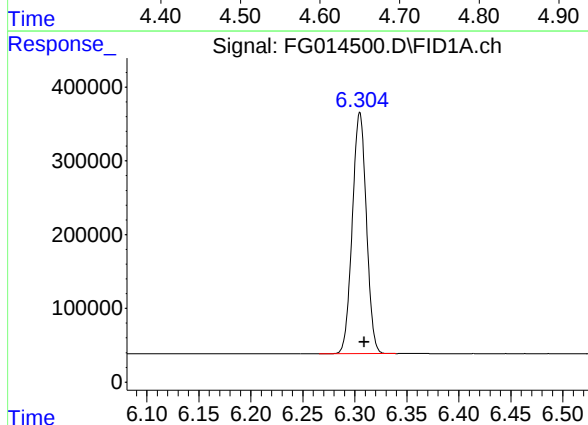




#1 1,2,3-Trimethylbenzene (C10.1)

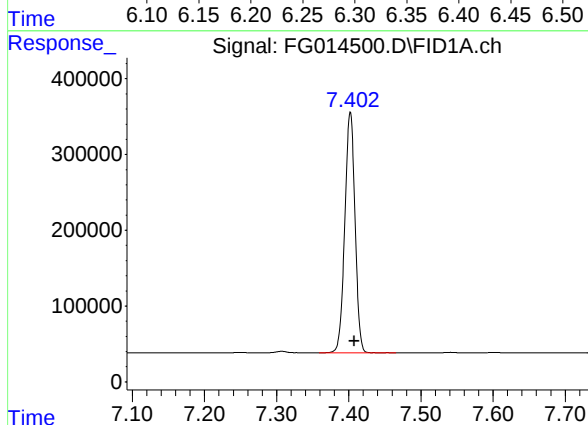
R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 2930884
Conc: 21.63 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



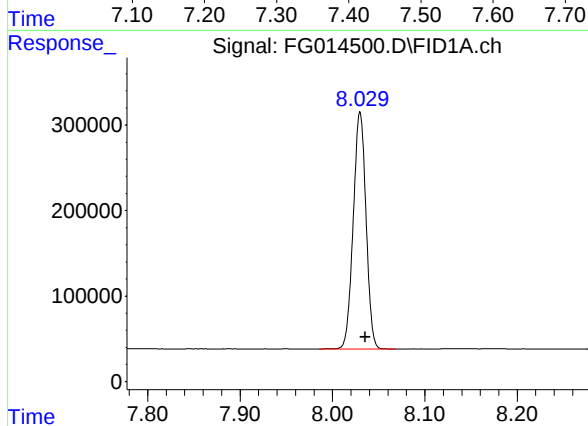
#2 Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 3084831
Conc: 21.50 ug/ml



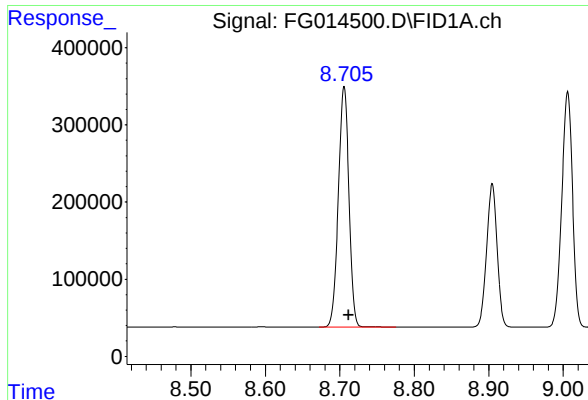
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 3124953
Conc: 21.40 ug/ml



#4 2-Bromonaphthalene (SURR)

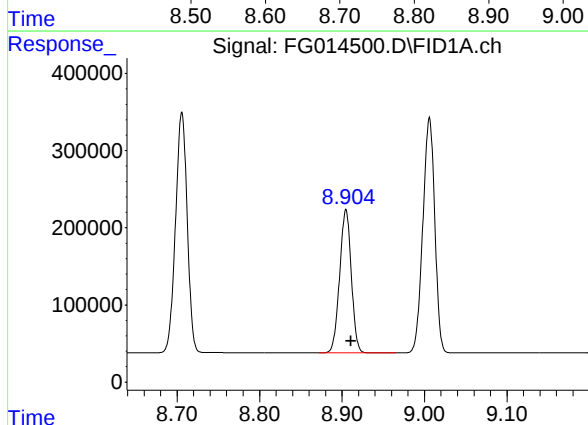
R.T.: 8.030 min
Delta R.T.: -0.006 min
Response: 2660379
Conc: 21.19 ug/ml



#5 Acenaphthylene (C15.06)

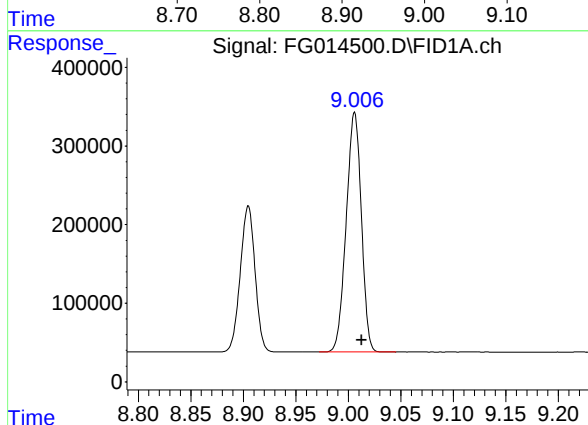
R.T.: 8.706 min
Delta R.T.: -0.006 min
Response: 3071604
Conc: 21.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



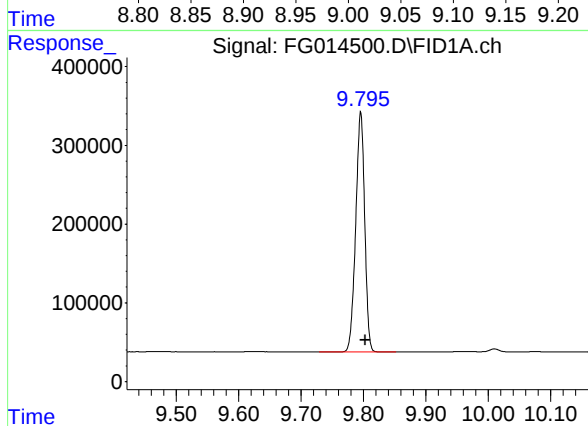
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.905 min
Delta R.T.: -0.006 min
Response: 1818670
Conc: 21.11 ug/ml



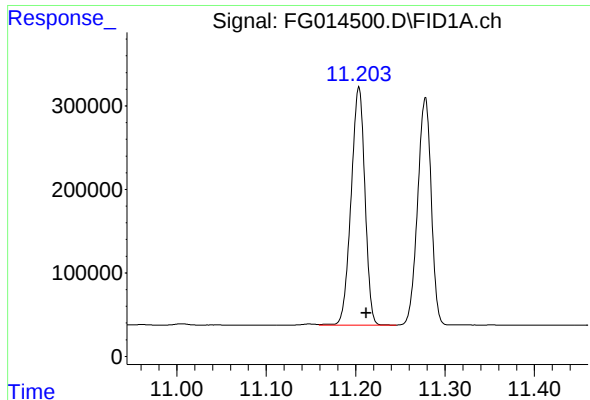
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: -0.007 min
Response: 3060142
Conc: 21.15 ug/ml



#8 Fluorene (C16.55)

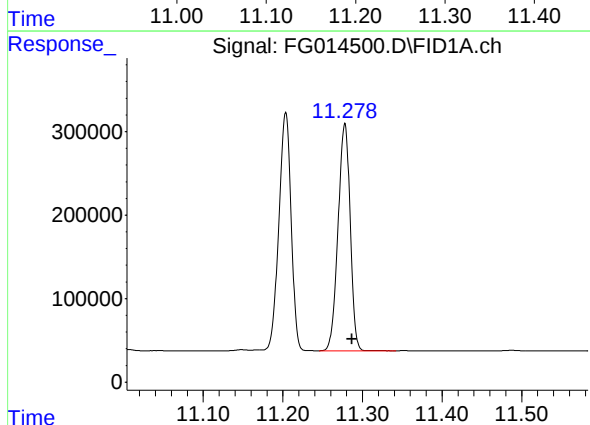
R.T.: 9.796 min
Delta R.T.: -0.007 min
Response: 3041958
Conc: 21.00 ug/ml



#9 Phenanthrene (C19.36)

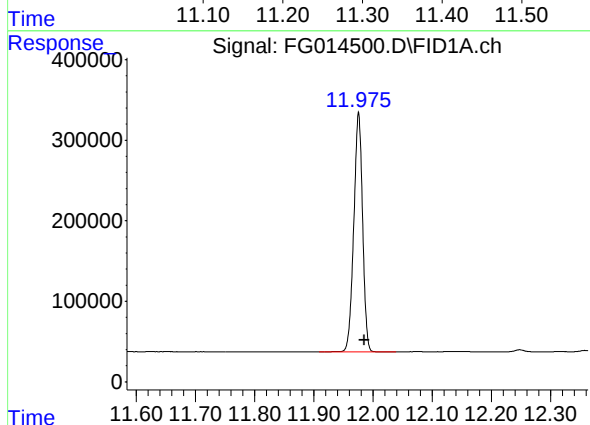
R.T.: 11.204 min
Delta R.T.: -0.009 min
Response: 3055858
Conc: 20.76 ug/ml

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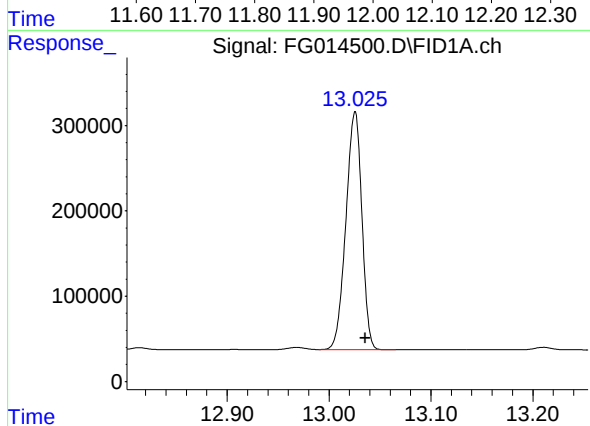
#10 Anthracene (C19.43)

R.T.: 11.278 min
Delta R.T.: -0.009 min
Response: 2882442
Conc: 20.55 ug/ml



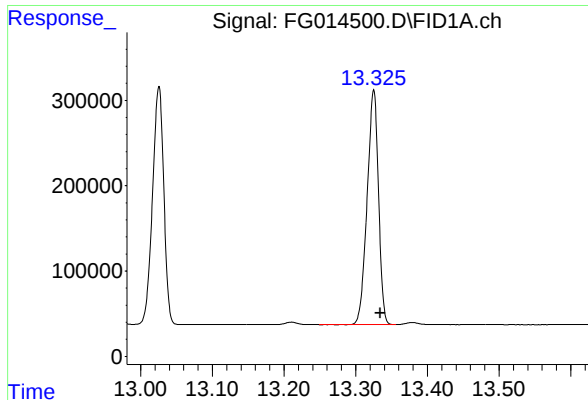
#11 ortho-Terphenyl (SURRE)

R.T.: 11.976 min
Delta R.T.: -0.009 min
Response: 3065653
Conc: 20.71 ug/ml



#12 Fluoranthene (C21.85)

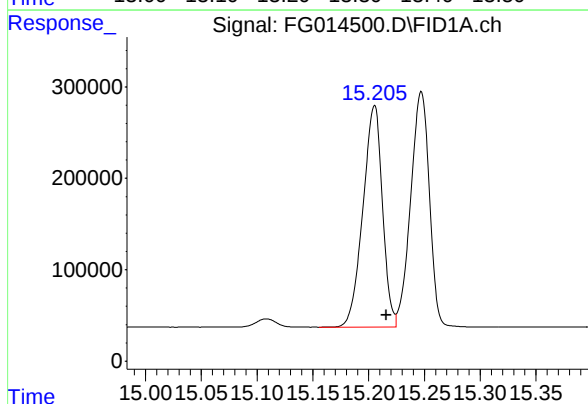
R.T.: 13.025 min
Delta R.T.: -0.010 min
Response: 3046222
Conc: 20.60 ug/ml



#13 Pyrene (C20.8)

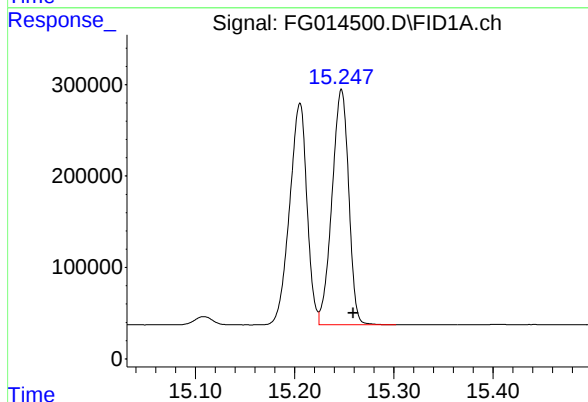
R.T.: 13.325 min
Delta R.T.: -0.009 min
Response: 3020593
Conc: 20.55 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



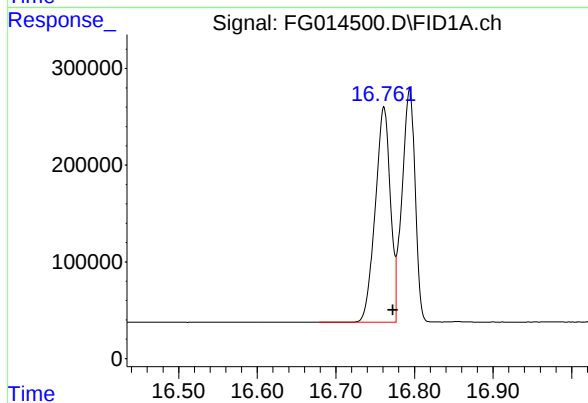
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: -0.011 min
Response: 2955005
Conc: 20.40 ug/ml



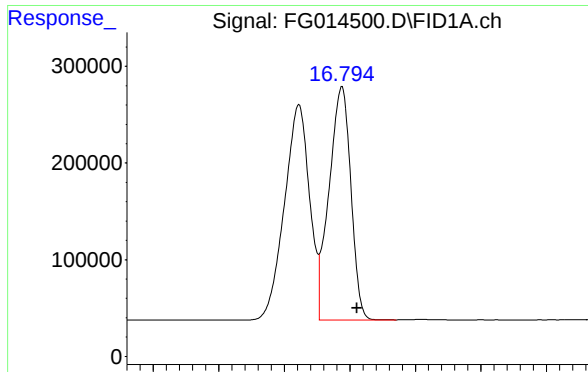
#15 Chrysene (C27.41)

R.T.: 15.247 min
Delta R.T.: -0.012 min
Response: 3010294
Conc: 20.52 ug/ml



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

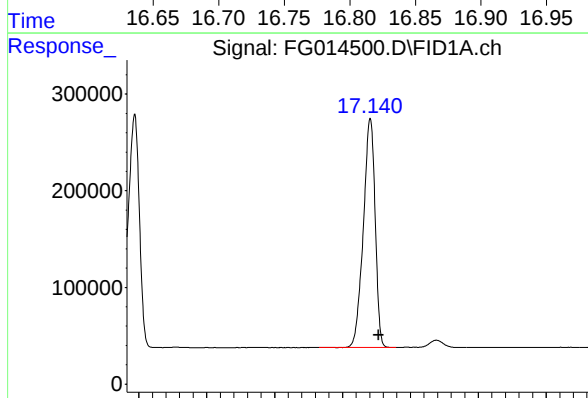
R.T.: 16.761 min
Delta R.T.: -0.012 min
Response: 2966617
Conc: 20.17 ug/ml



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

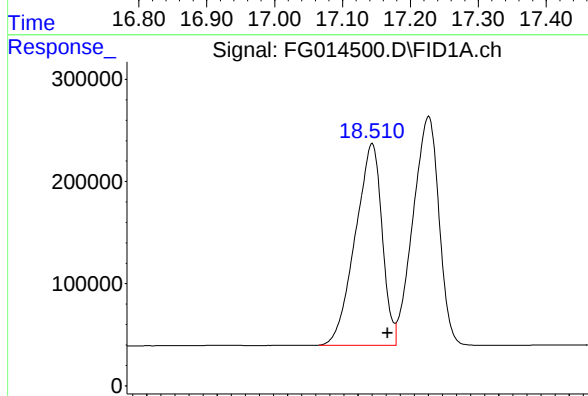
R.T.: 16.794 min
Delta R.T.: -0.012 min
Response: 2788764
Conc: 20.21 ug/ml

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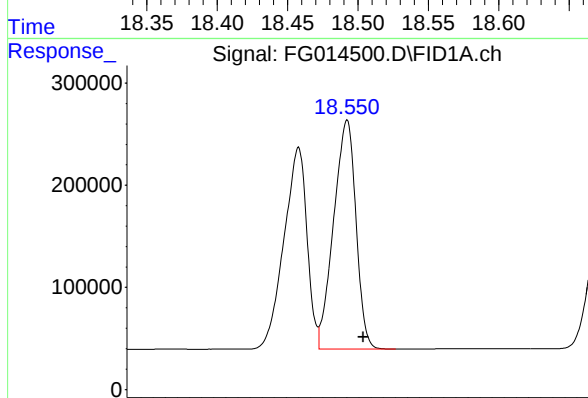
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.141 min
Delta R.T.: -0.012 min
Response: 2857545
Conc: 20.04 ug/ml



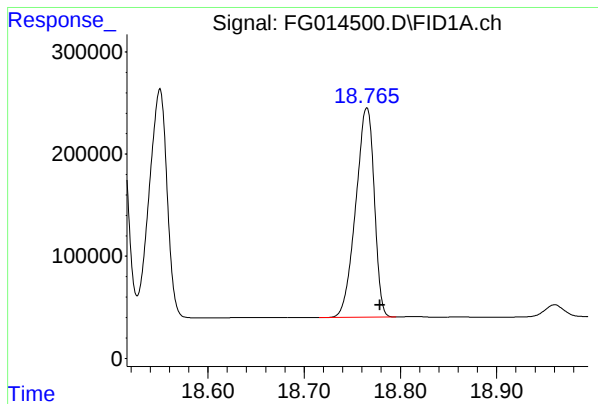
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: -0.011 min
Response: 2607953
Conc: 19.54 ug/ml



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

R.T.: 18.550 min
Delta R.T.: -0.014 min
Response: 2872870
Conc: 20.59 ug/ml



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

R.T.: 18.765 min
Delta R.T.: -0.014 min
Response: 2746092
Conc: 19.74 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD