

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014491.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 14:17
 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 02:43:40 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...	8.032	2539028	20.226 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
6) S 2-Fluorobiphenyl (SURR)	8.907	1739737	20.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.40%
11) S ortho-Terphenyl (SURR)	11.980	2950066	19.925 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.636	2784888	20.554 ug/ml
2) T Naphthalene (C11.7)	6.307	2936808	20.465 ug/ml
3) T 2-Methylnaphthalene (...)	7.405	2980597	20.409 ug/ml
5) T Acenaphthylene (C15.06)	8.708	2937104	20.173 ug/ml
7) T Acenaphthene (C15.5)	9.009	2926679	20.223 ug/ml
8) T Fluorene (C16.55)	9.799	2917180	20.136 ug/ml
9) T Phenanthrene (C19.36)	11.207	2942877	19.994 ug/ml
10) T Anthracene (C19.43)	11.281	2790017	19.896 ug/ml
12) T Fluoranthene (C21.85)	13.029	2947715	19.931 ug/ml
13) T Pyrene (C20.8)	13.328	2928016	19.916 ug/ml
14) T Benzo[a]anthracene (C...	15.208	2886678	19.933 ug/ml
15) T Chrysene (C27.41)	15.251	2936427	20.019 ug/ml
16) T benzo[b]fluoranthene ...	16.765	2915797	19.825 ug/ml
17) T Bnezo[k]fluoranthene ...	16.798	2740554	19.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	2825470	19.812 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.514	2597410	19.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	2807861	20.121 ug/ml
21) T Benzo[g,h,i]perylene ...	18.771	2739822	19.693 ug/ml

(f)=RT Delta > 1/2 Window

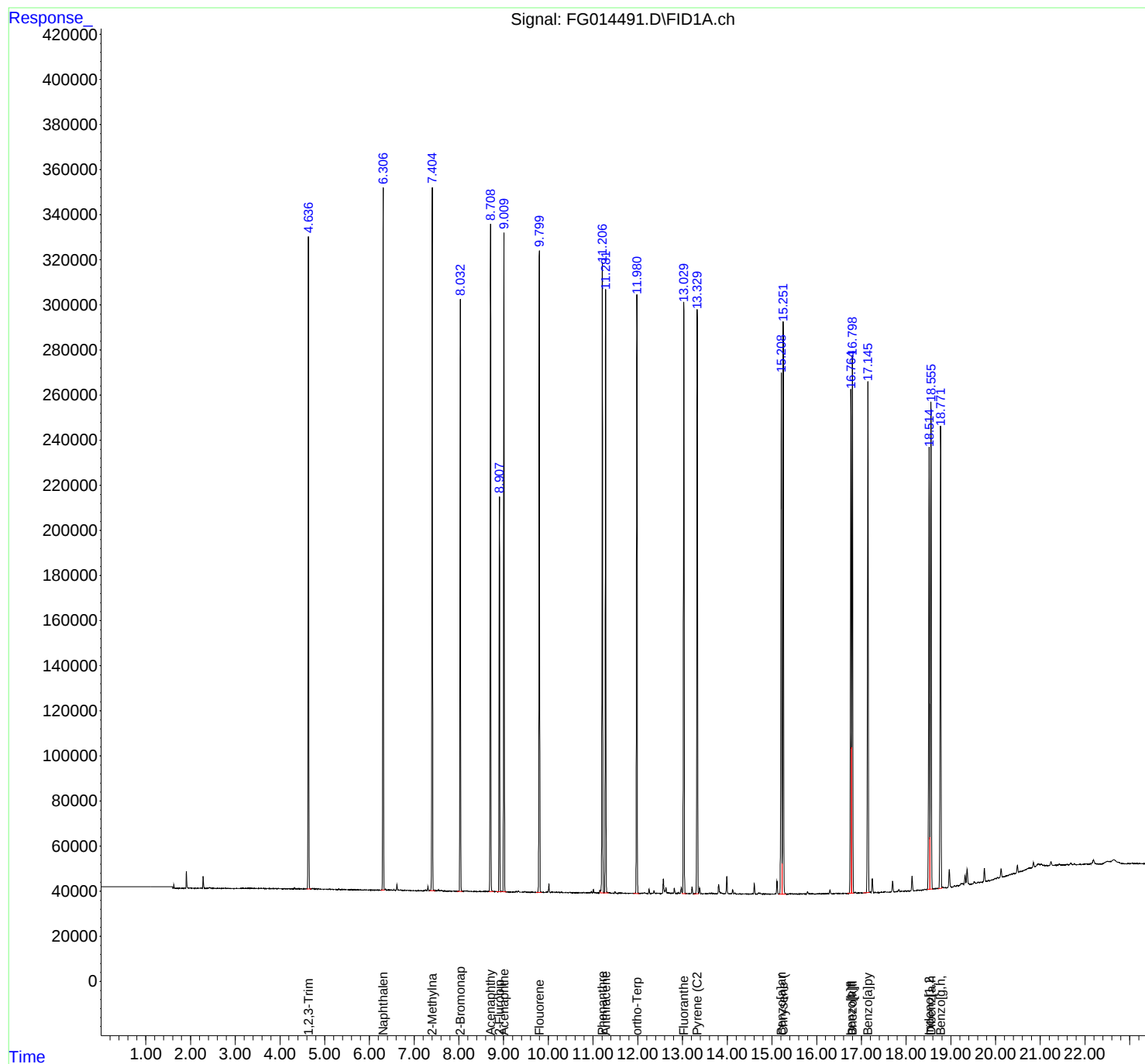
(m)=manual int.

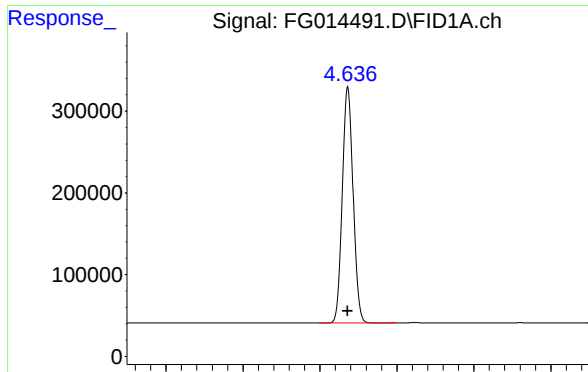
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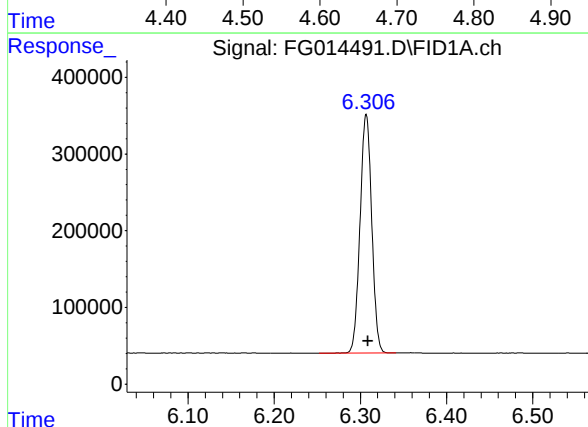




#1 1,2,3-Trimethylbenzene (C10.1)

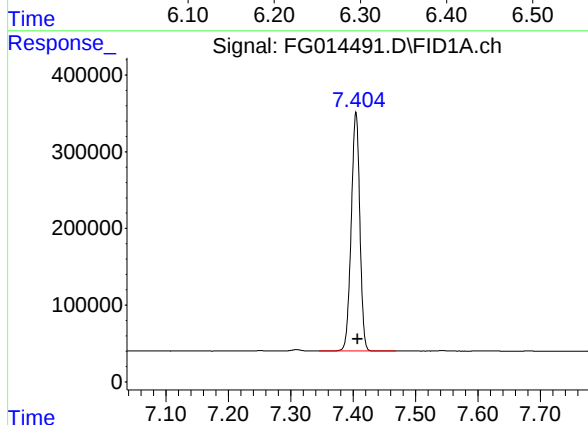
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 2784888
Conc: 20.55 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



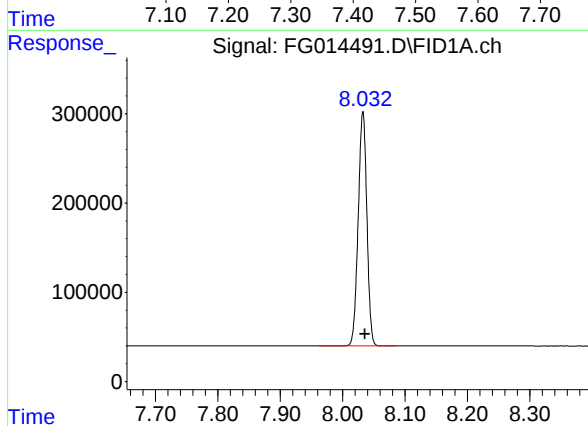
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 2936808
Conc: 20.47 ug/ml



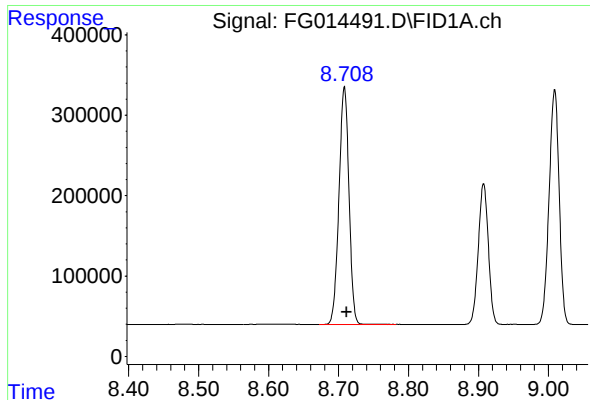
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 2980597
Conc: 20.41 ug/ml



#4 2-Bromonaphthalene (SURR)

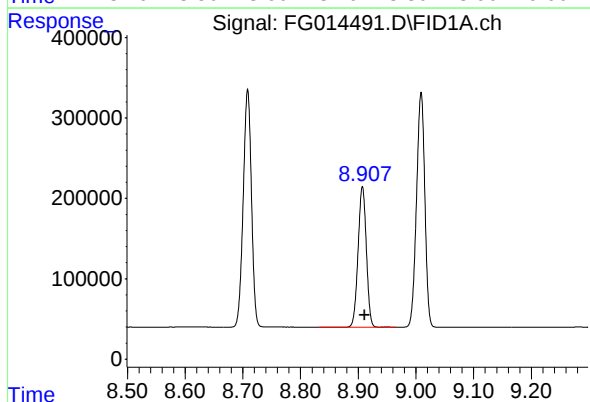
R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 2539028
Conc: 20.23 ug/ml



#5 Acenaphthylene (C15.06)

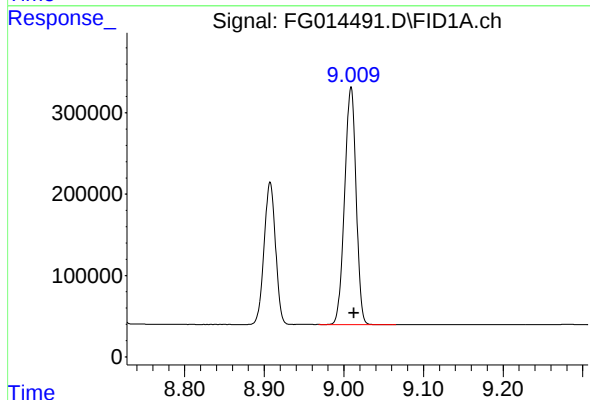
R.T.: 8.708 min
Delta R.T.: -0.003 min
Response: 2937104
Conc: 20.17 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



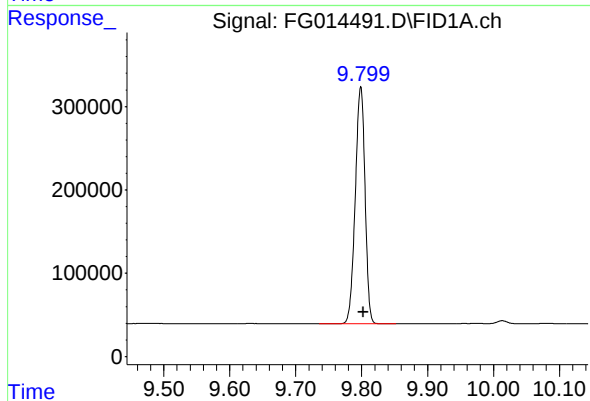
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: -0.004 min
Response: 1739737
Conc: 20.20 ug/ml



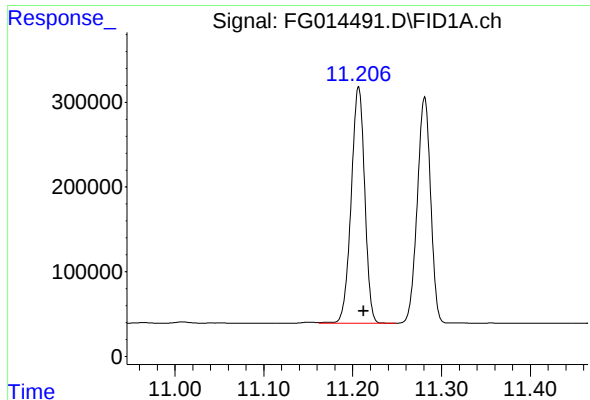
#7 Acenaphthene (C15.5)

R.T.: 9.009 min
Delta R.T.: -0.004 min
Response: 2926679
Conc: 20.22 ug/ml



#8 Fluorene (C16.55)

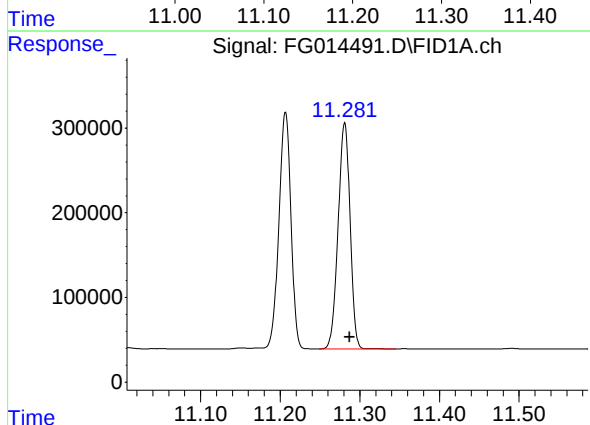
R.T.: 9.799 min
Delta R.T.: -0.004 min
Response: 2917180
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

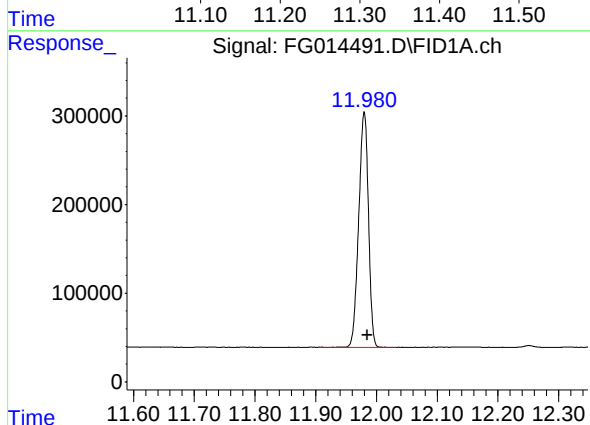
R.T.: 11.207 min
Delta R.T.: -0.006 min
Response: 2942877
Conc: 19.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



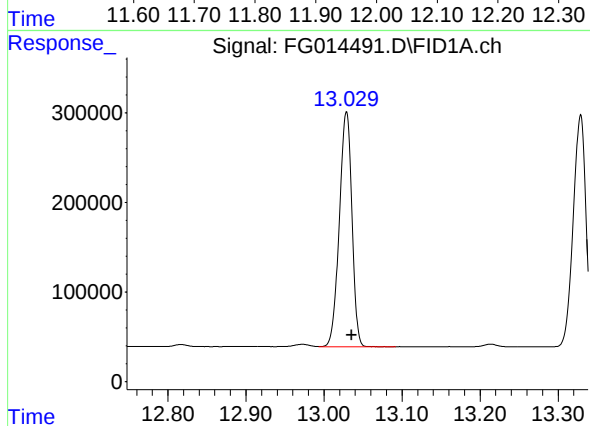
#10 Anthracene (C19.43)

R.T.: 11.281 min
Delta R.T.: -0.006 min
Response: 2790017
Conc: 19.90 ug/ml



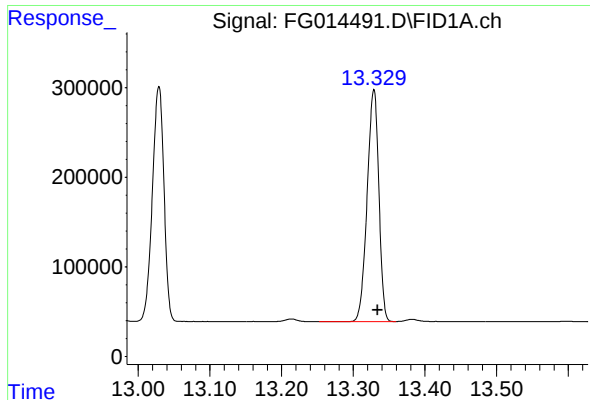
#11 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: -0.005 min
Response: 2950066
Conc: 19.93 ug/ml



#12 Fluoranthene (C21.85)

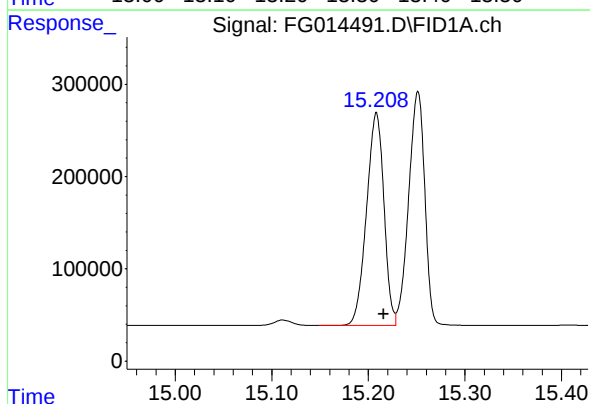
R.T.: 13.029 min
Delta R.T.: -0.007 min
Response: 2947715
Conc: 19.93 ug/ml



#13 Pyrene (C20.8)

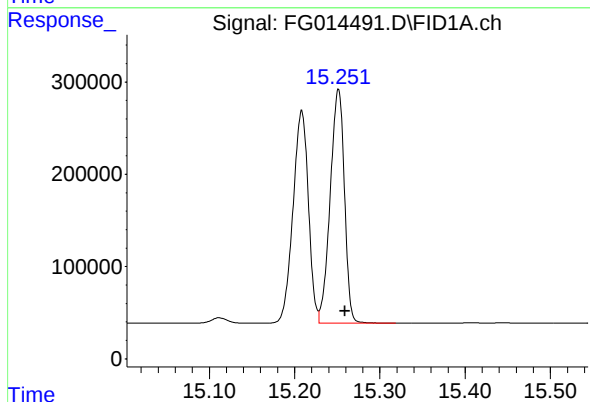
R.T.: 13.328 min
Delta R.T.: -0.006 min
Response: 2928016
Conc: 19.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



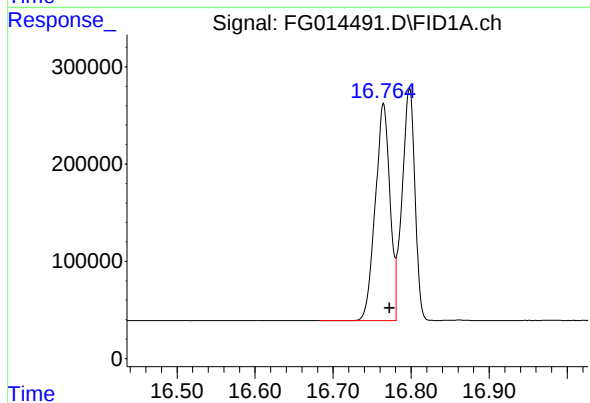
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.208 min
Delta R.T.: -0.008 min
Response: 2886678
Conc: 19.93 ug/ml



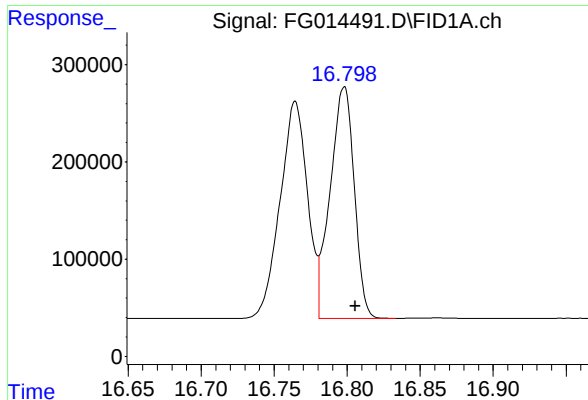
#15 Chrysene (C27.41)

R.T.: 15.251 min
Delta R.T.: -0.008 min
Response: 2936427
Conc: 20.02 ug/ml



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

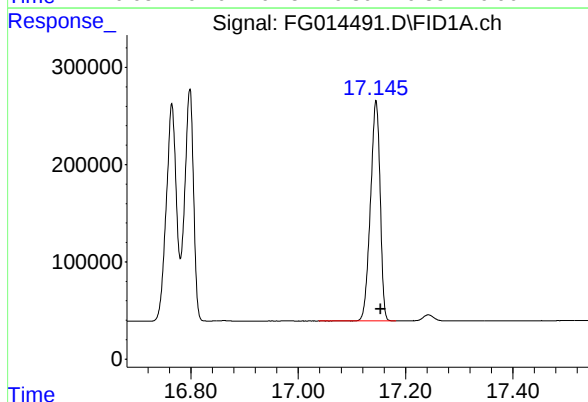
R.T.: 16.765 min
Delta R.T.: -0.008 min
Response: 2915797
Conc: 19.82 ug/ml



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

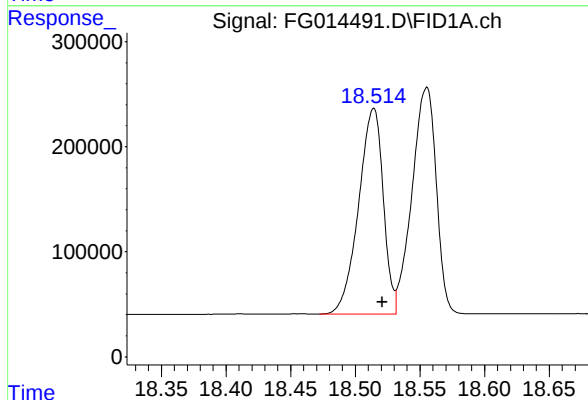
R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 2740554
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



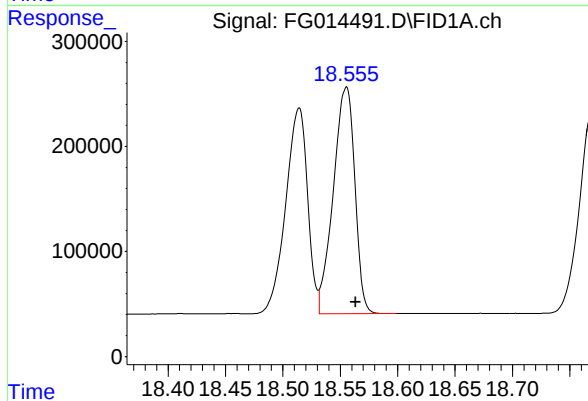
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.008 min
Response: 2825470
Conc: 19.81 ug/ml



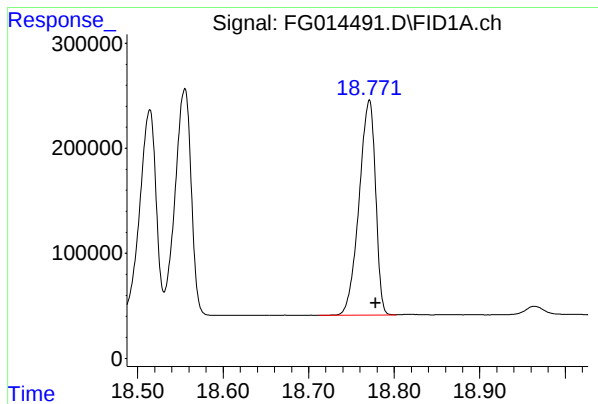
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.514 min
Delta R.T.: -0.007 min
Response: 2597410
Conc: 19.46 ug/ml



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

R.T.: 18.555 min
Delta R.T.: -0.009 min
Response: 2807861
Conc: 20.12 ug/ml



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

R.T.: 18.771 min
Delta R.T.: -0.008 min
Response: 2739822
Conc: 19.69 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD