

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AR\
 Data File : FG015010.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 16:47
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 20 17:05:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 17:05:22 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...	7.999	2485222	19.611 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
6) S 2-Fluorobiphenyl (SURR)	8.877	1720732	19.650 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.30%
11) S ortho-Terphenyl (SURR)	11.956	2912423	19.587 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.589	2598832	19.606 ug/ml
2) T Naphthalene (C11.7)	6.267	2736068	19.592 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2720891	19.623 ug/ml
5) T Acenaphthylene (C15.06)	8.676	2837728	19.624 ug/ml
7) T Acenaphthene (C15.5)	8.977	2764894	19.628 ug/ml
8) T Flouorene (C16.55)	9.770	2852939	19.635 ug/ml
9) T Phenanthrene (C19.36)	11.182	2853317	19.650 ug/ml
10) T Anthracene (C19.43)	11.257	2805628	19.795 ug/ml
12) T Fluoranthene (C21.85)	13.010	2896634	19.600 ug/ml
13) T Pyrene (C20.8)	13.310	2887623	19.610 ug/ml
14) T Benzo[a]anthracene (C...	15.196	2862220	19.641 ug/ml
15) T Chrysene (C27.41)	15.238	2840333	19.596 ug/ml
16) T benzo[b]fluoranthene ...	16.758	2815290	19.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.791	2822138	19.685 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.139	2681679	19.646 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.512	2504441	19.443 ug/ml
20) T Dibenz[a,h]anthracene...	18.554	2725564	19.466 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	2623076	19.590 ug/ml

(f)=RT Delta > 1/2 Window

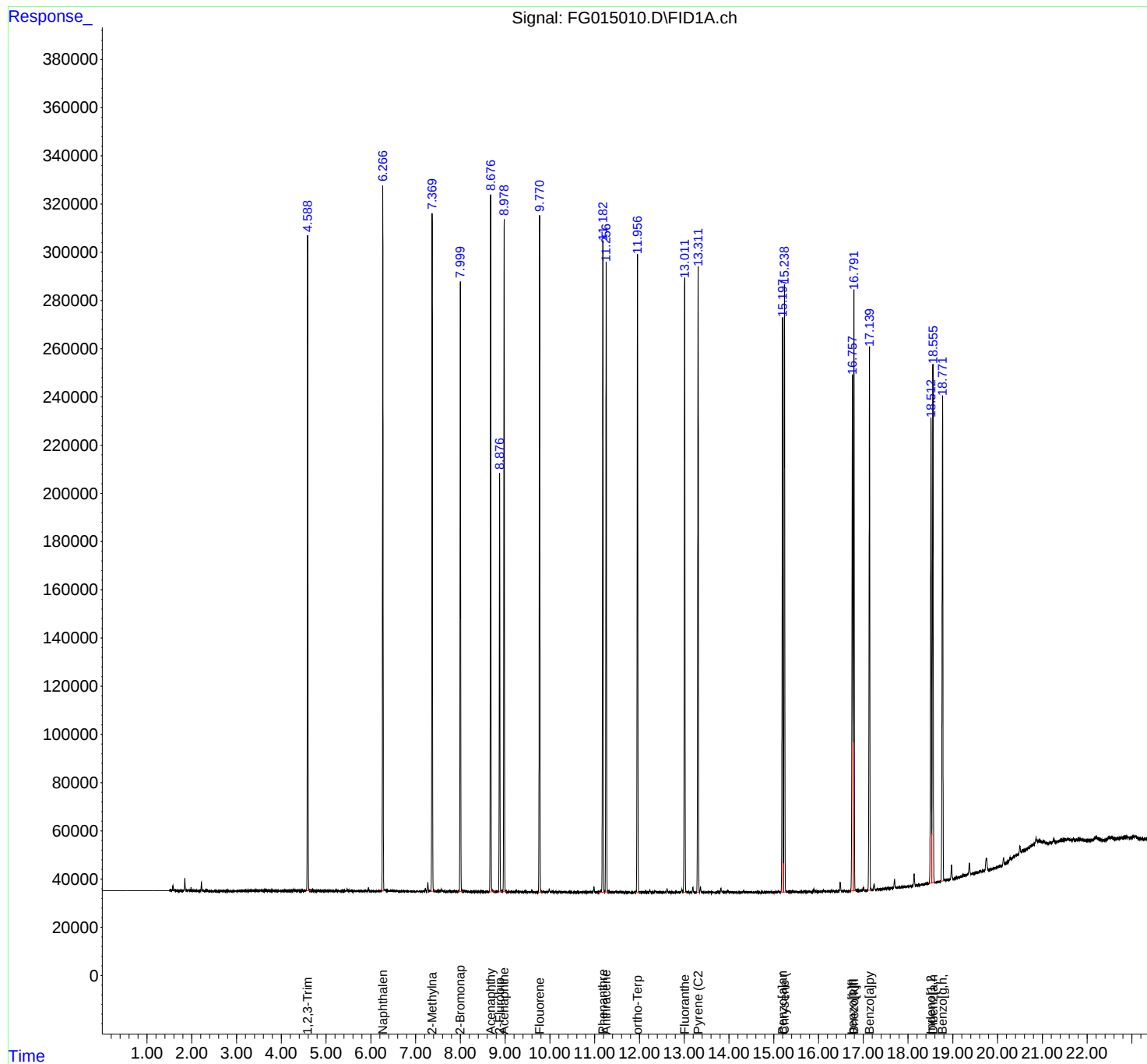
(m)=manual int.

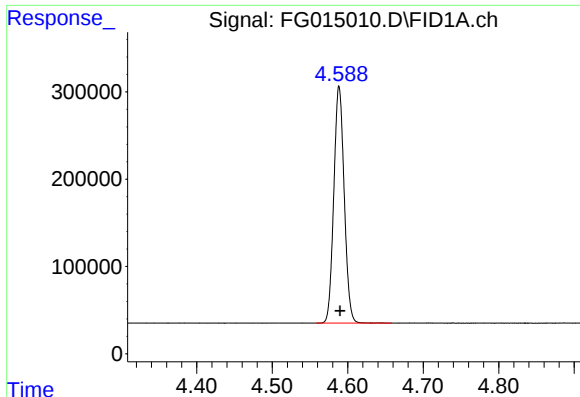
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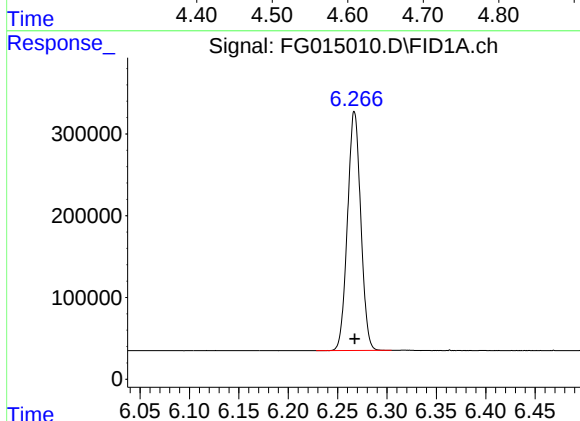




#1 1,2,3-Trimethylbenzene (C10.1)

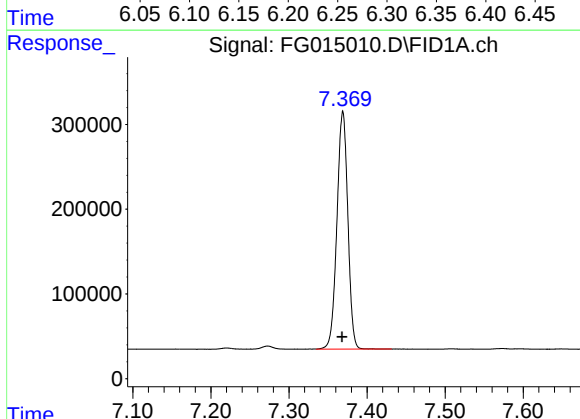
R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 2598832
Conc: 19.61 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



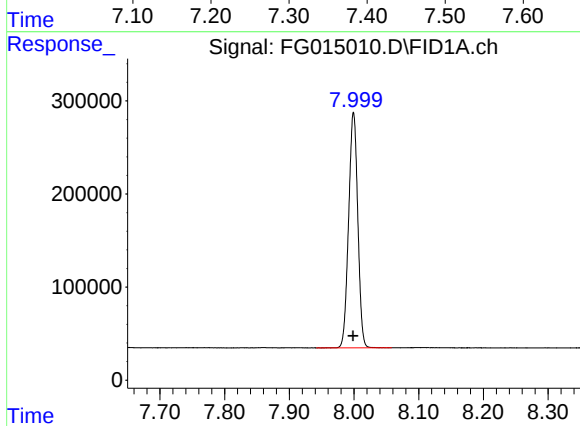
#2 Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 2736068
Conc: 19.59 ug/ml



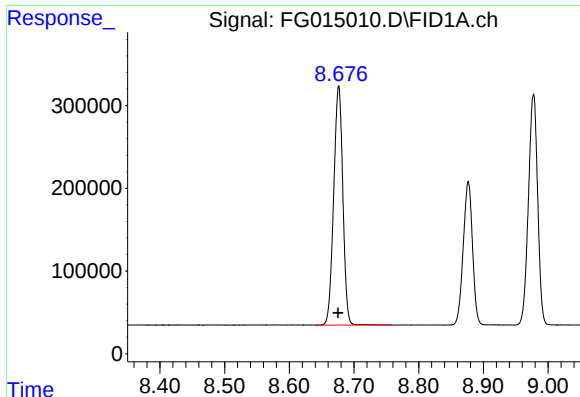
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 2720891
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

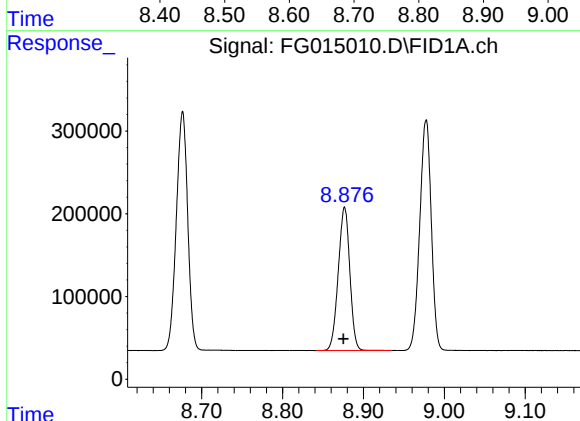
R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 2485222
Conc: 19.61 ug/ml



#5 Acenaphthylene (C15.06)

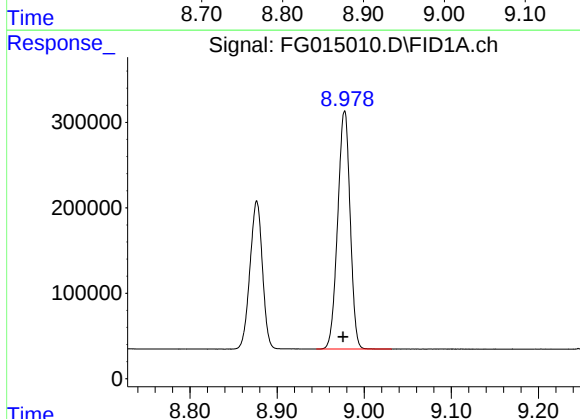
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 2837728
Conc: 19.62 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



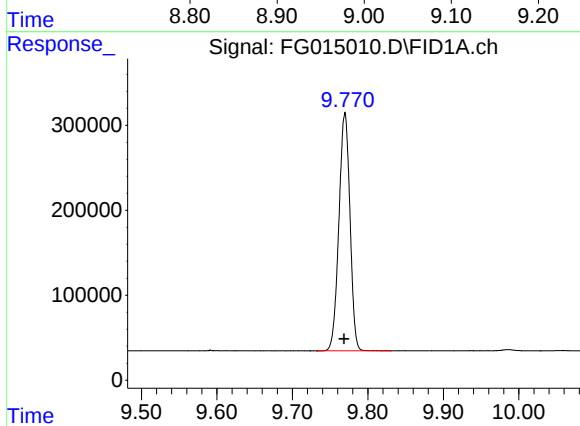
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: 0.001 min
Response: 1720732
Conc: 19.65 ug/ml



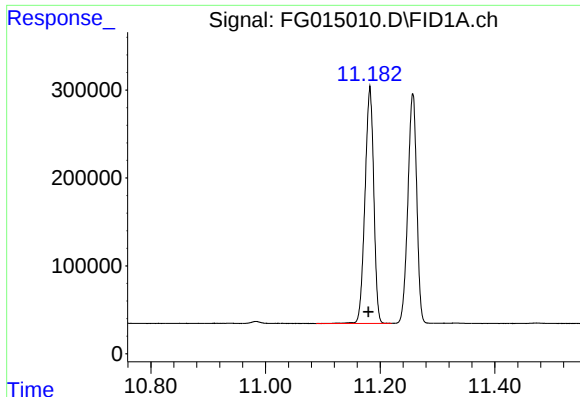
#7 Acenaphthene (C15.5)

R.T.: 8.977 min
Delta R.T.: 0.002 min
Response: 2764894
Conc: 19.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.770 min
Delta R.T.: 0.001 min
Response: 2852939
Conc: 19.64 ug/ml



#9 Phenanthrene (C19.36)

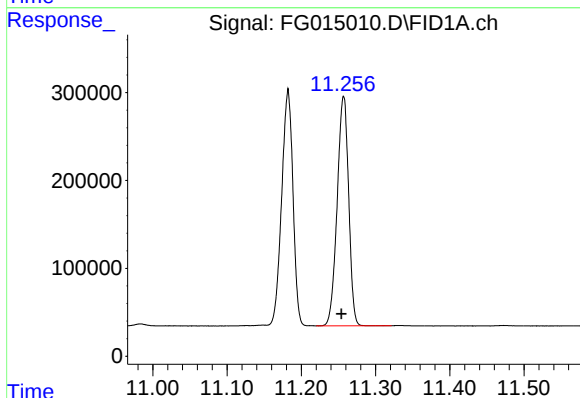
R.T.: 11.182 min
Delta R.T.: 0.002 min
Response: 2853317
Conc: 19.65 ug/ml

Instrument :

FID_G

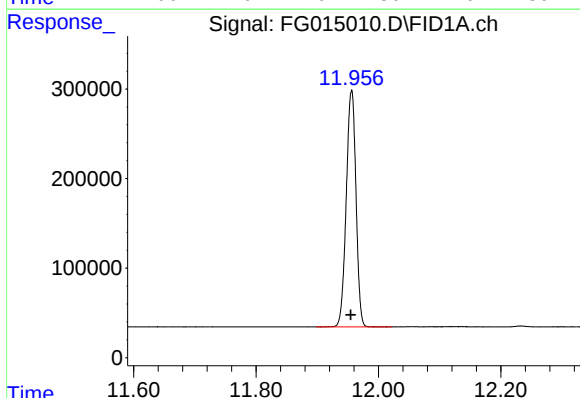
ClientSampleId :

20 PPM AROMATIC HC STD ICV



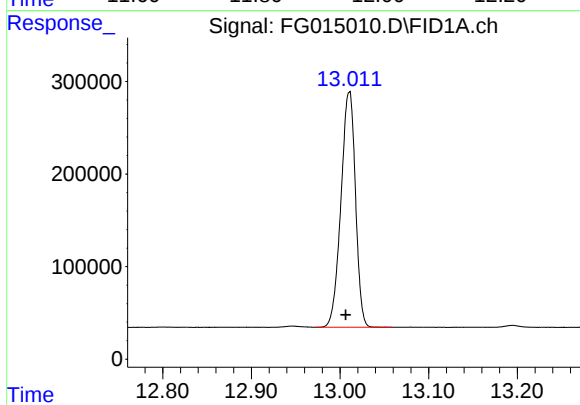
#10 Anthracene (C19.43)

R.T.: 11.257 min
Delta R.T.: 0.003 min
Response: 2805628
Conc: 19.79 ug/ml



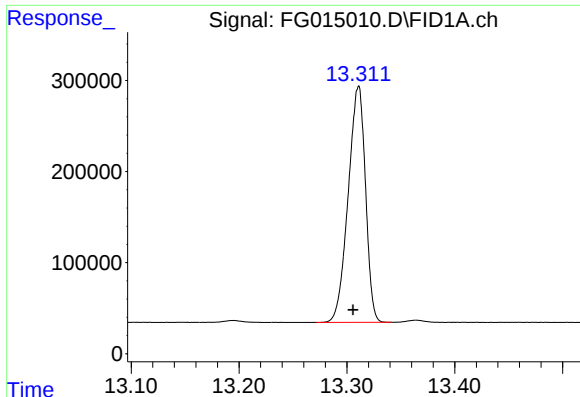
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.001 min
Response: 2912423
Conc: 19.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.010 min
Delta R.T.: 0.004 min
Response: 2896634
Conc: 19.60 ug/ml



#13 Pyrene (C20.8)

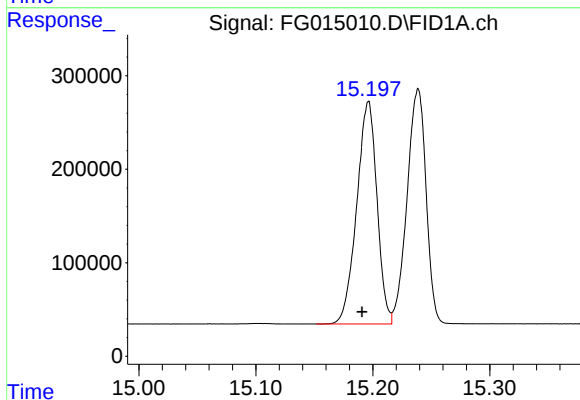
R.T.: 13.310 min
Delta R.T.: 0.005 min
Response: 2887623
Conc: 19.61 ug/ml

Instrument :

FID_G

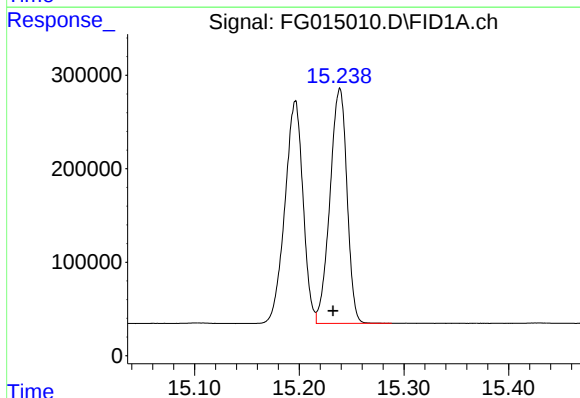
ClientSampleId :

20 PPM AROMATIC HC STD ICV



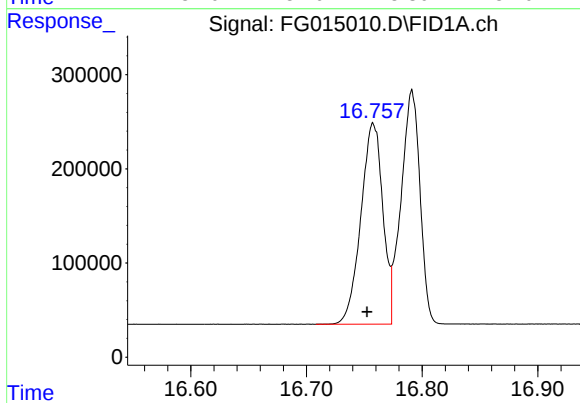
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: 0.005 min
Response: 2862220
Conc: 19.64 ug/ml



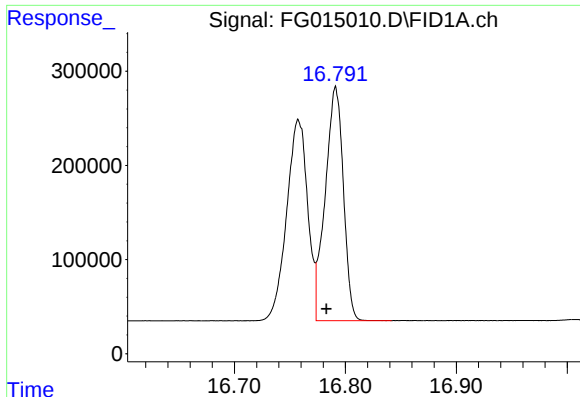
#15 Chrysene (C27.41)

R.T.: 15.238 min
Delta R.T.: 0.006 min
Response: 2840333
Conc: 19.60 ug/ml



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

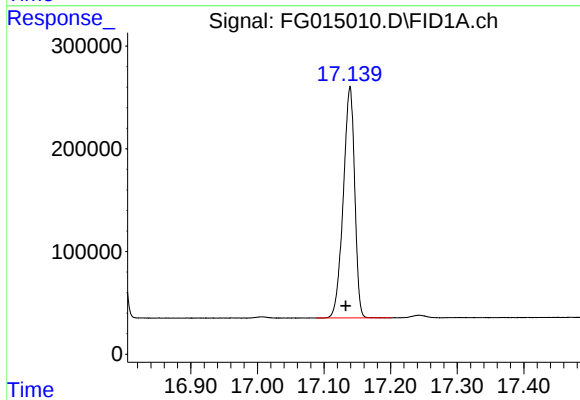
R.T.: 16.758 min
Delta R.T.: 0.005 min
Response: 2815290
Conc: 19.51 ug/ml



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

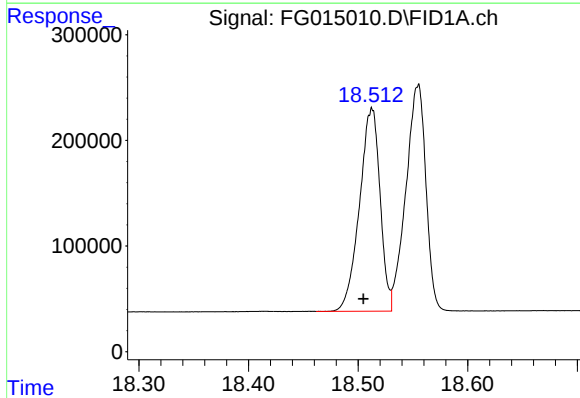
R.T.: 16.791 min
Delta R.T.: 0.008 min
Response: 2822138
Conc: 19.68 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



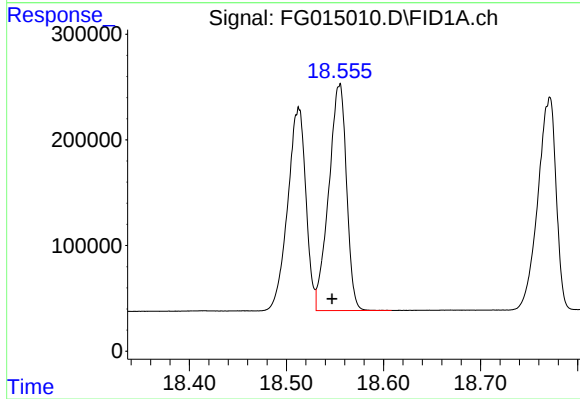
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.139 min
Delta R.T.: 0.006 min
Response: 2681679
Conc: 19.65 ug/ml



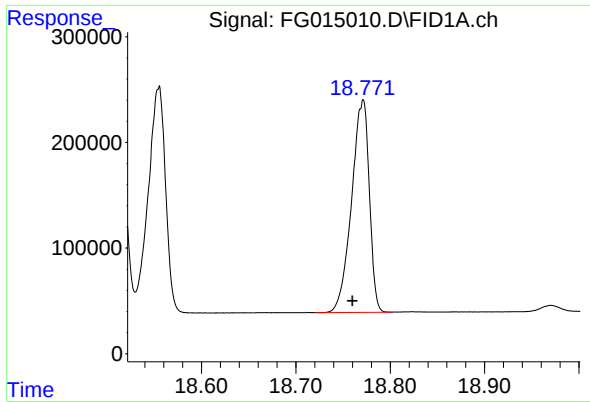
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.512 min
Delta R.T.: 0.007 min
Response: 2504441
Conc: 19.44 ug/ml



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

R.T.: 18.554 min
Delta R.T.: 0.007 min
Response: 2725564
Conc: 19.47 ug/ml



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

R.T.: 18.770 min
Delta R.T.: 0.010 min
Response: 2623076
Conc: 19.59 ug/ml

Instrument :
FID_G
ClientSampleId :
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