

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FG015610.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 23:21
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 01:19:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.960	2303952	18.861 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
6) S 2-Fluorobiphenyl (SURR)	8.838	1518182	18.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.73%
11) S ortho-Terphenyl (SURR)	11.908	2766525	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.551	2569159	19.333 ug/ml
2) T Naphthalene (C11.7)	6.229	2546496	18.848 ug/ml
3) T 2-Methylnaphthalene (...)	7.330	2532599	18.986 ug/ml
5) T Acenaphthylene (C15.06)	8.635	2649979	18.711 ug/ml
7) T Acenaphthene (C15.5)	8.935	2634712	19.311 ug/ml
8) T Flouorene (C16.55)	9.729	2546382	18.240 ug/ml
9) T Phenanthrene (C19.36)	11.140	2450186	17.392 ug/ml
10) T Anthracene (C19.43)	11.215	2338233	17.087 ug/ml
12) T Fluoranthene (C21.85)	12.966	2496840	17.509 ug/ml
13) T Pyrene (C20.8)	13.265	2500841	17.823 ug/ml
14) T Benzo[a]anthracene (C...	15.151	2118710	15.621 ug/ml
15) T Chrysene (C27.41)	15.194	2565648	18.327 ug/ml
16) T benzo[b]fluoranthene ...	16.714	2169429	16.418 ug/ml
17) T Bnezo[k]fluoranthene ...	16.746	2561940	18.764 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.099	2191762	17.478 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.475	1399457	12.578 ug/ml
20) T Dibenz[a,h]anthracene...	18.512	2230776	17.336 ug/ml
21) T Benzo[g,h,i]perylene ...	18.729	1927061	16.127 ug/ml

(f)=RT Delta > 1/2 Window

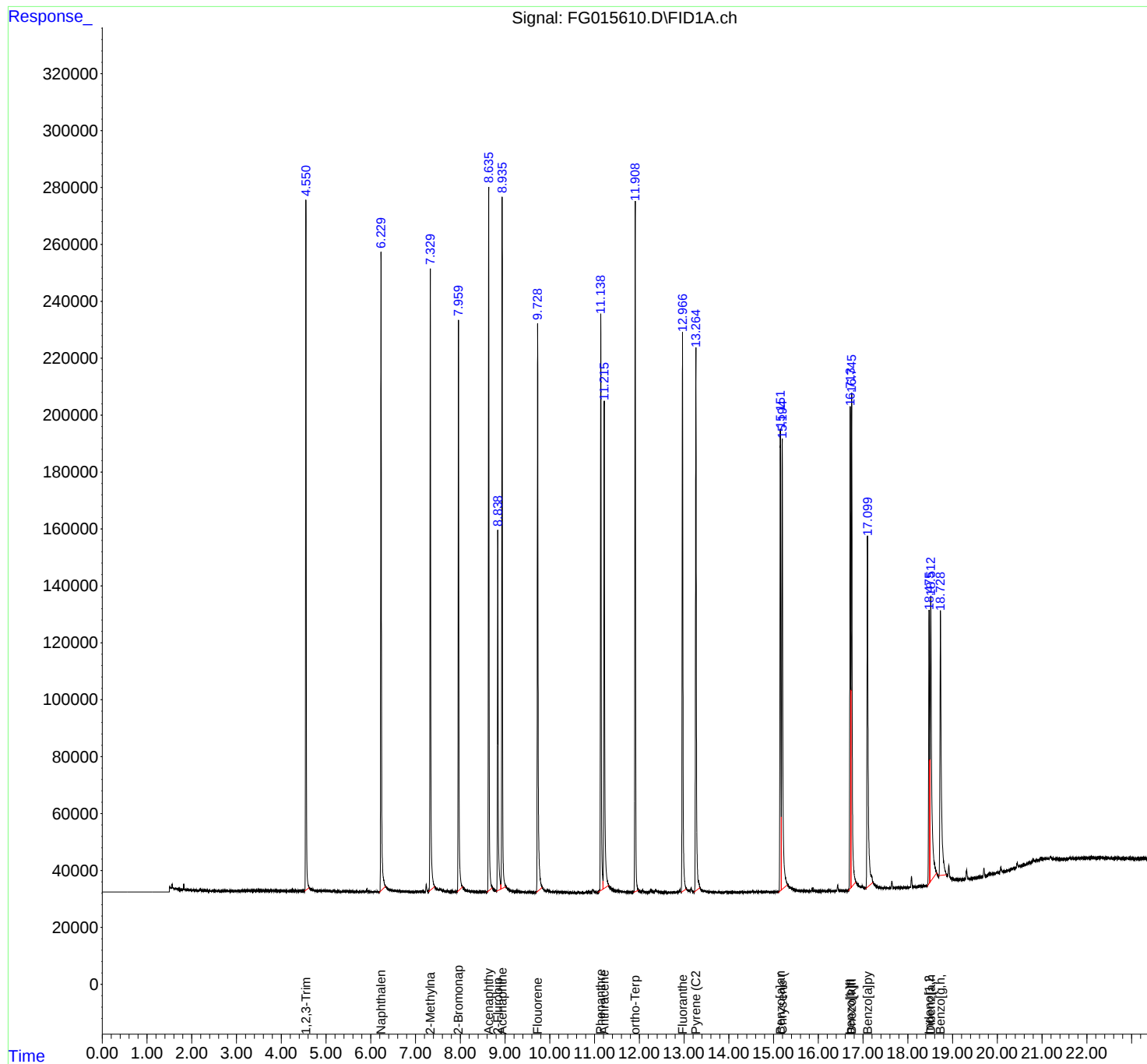
(m)=manual int.

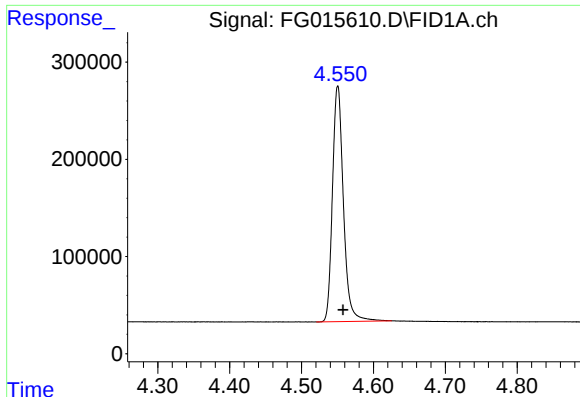
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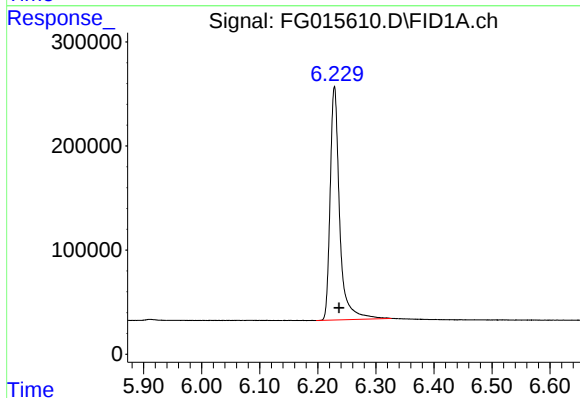




#1 1,2,3-Trimethylbenzene (C10.1)

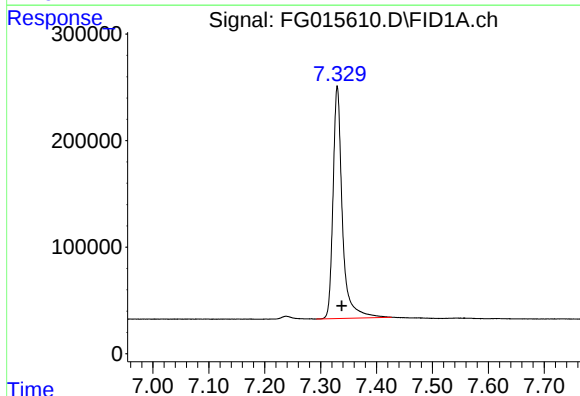
R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 2569159
Conc: 19.33 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



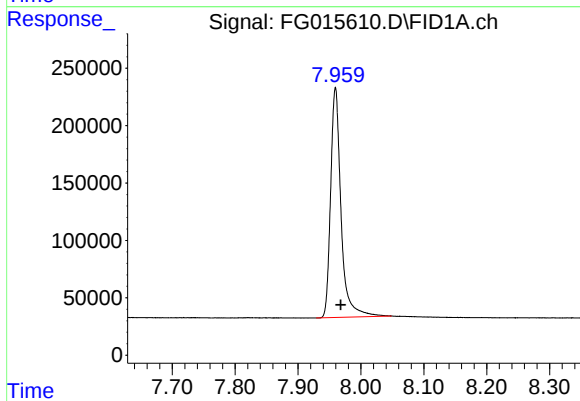
#2 Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.008 min
Response: 2546496
Conc: 18.85 ug/ml



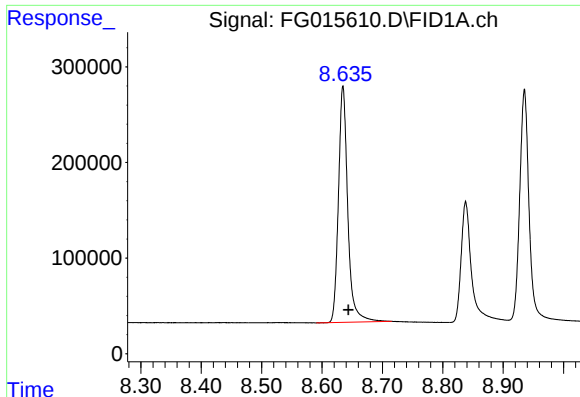
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2532599
Conc: 18.99 ug/ml



#4 2-Bromonaphthalene (SURR)

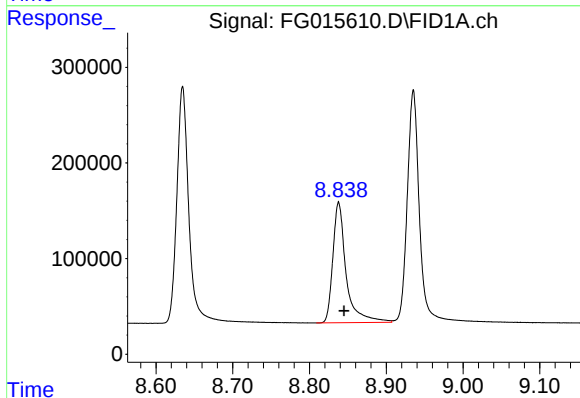
R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 2303952
Conc: 18.86 ug/ml



#5 Acenaphthylene (C15.06)

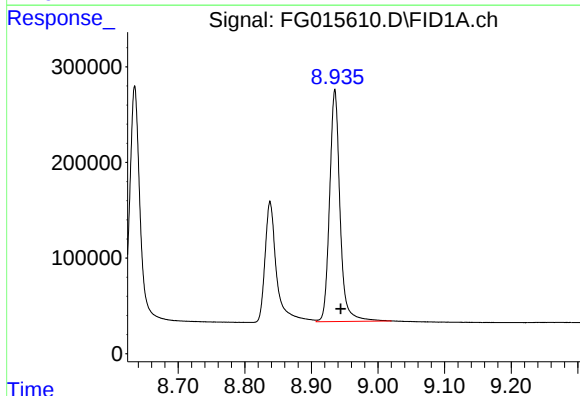
R.T.: 8.635 min
Delta R.T.: -0.009 min
Response: 2649979
Conc: 18.71 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



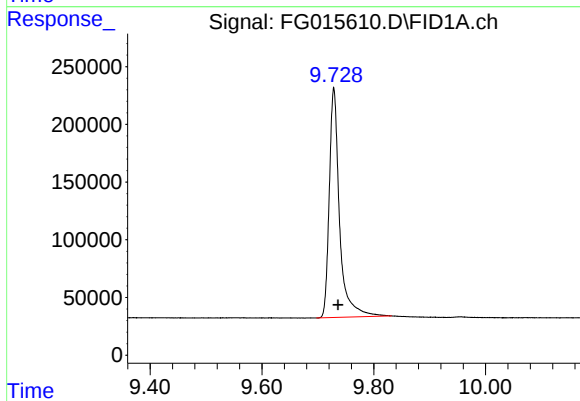
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 1518182
Conc: 18.37 ug/ml



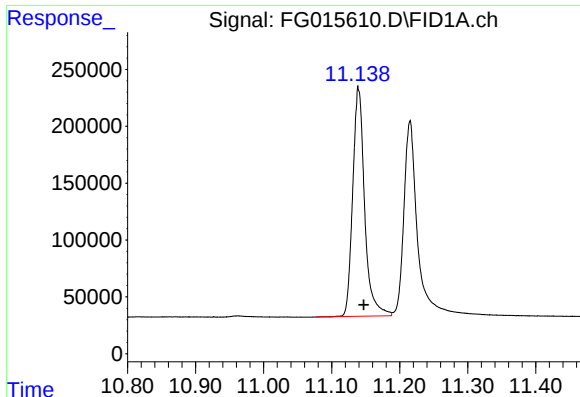
#7 Acenaphthene (C15.5)

R.T.: 8.935 min
Delta R.T.: -0.009 min
Response: 2634712
Conc: 19.31 ug/ml



#8 Fluorene (C16.55)

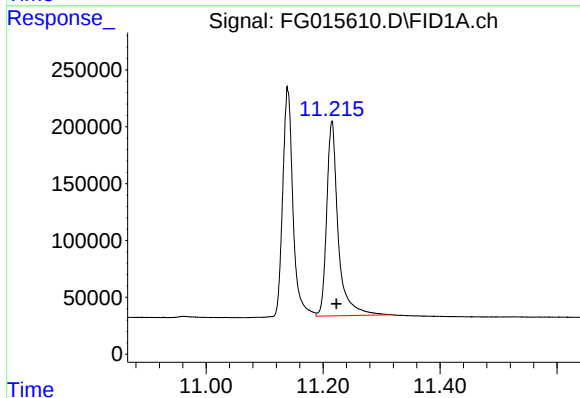
R.T.: 9.729 min
Delta R.T.: -0.008 min
Response: 2546382
Conc: 18.24 ug/ml



#9 Phenanthrene (C19.36)

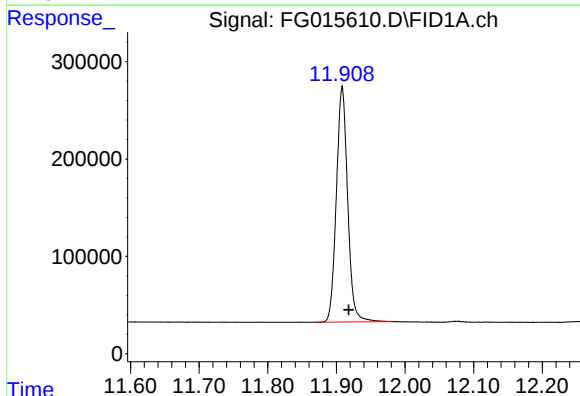
R.T.: 11.140 min
Delta R.T.: -0.008 min
Response: 2450186
Conc: 17.39 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



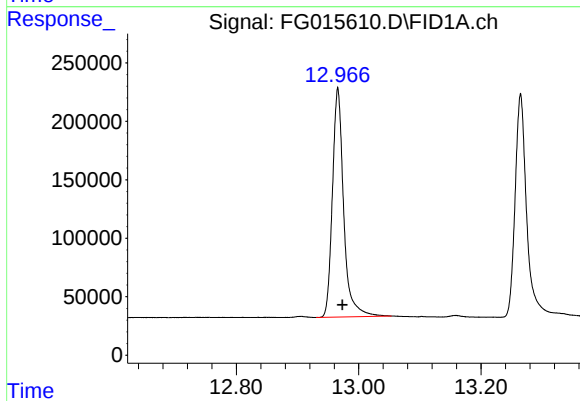
#10 Anthracene (C19.43)

R.T.: 11.215 min
Delta R.T.: -0.008 min
Response: 2338233
Conc: 17.09 ug/ml



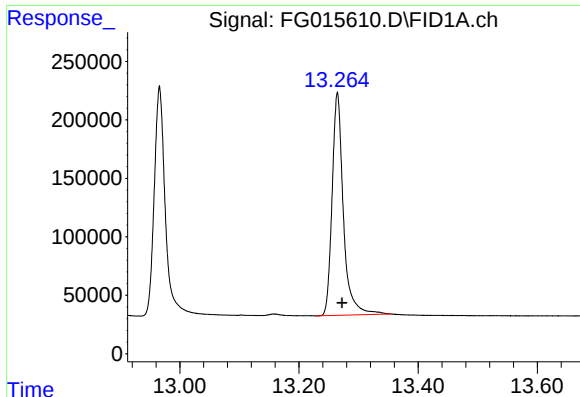
#11 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: -0.009 min
Response: 2766525
Conc: 18.97 ug/ml



#12 Fluoranthene (C21.85)

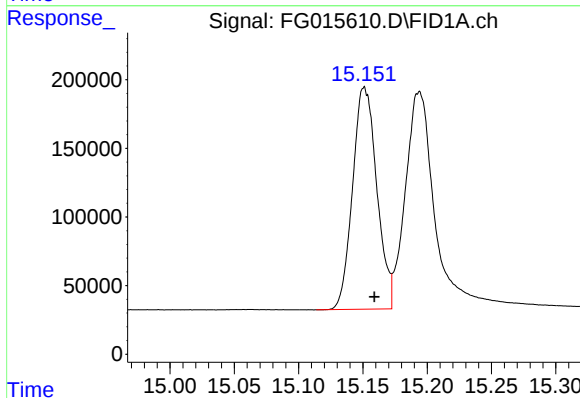
R.T.: 12.966 min
Delta R.T.: -0.008 min
Response: 2496840
Conc: 17.51 ug/ml



#13 Pyrene (C20.8)

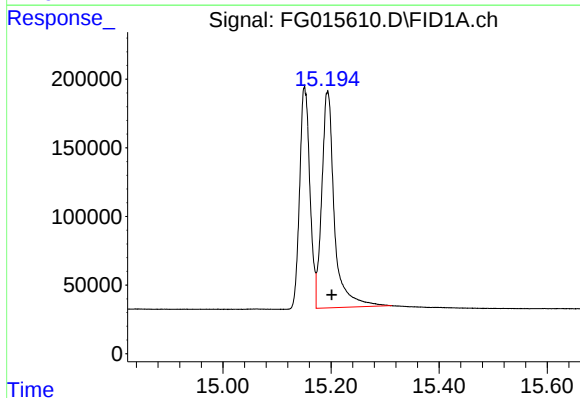
R.T.: 13.265 min
Delta R.T.: -0.008 min
Response: 2500841
Conc: 17.82 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



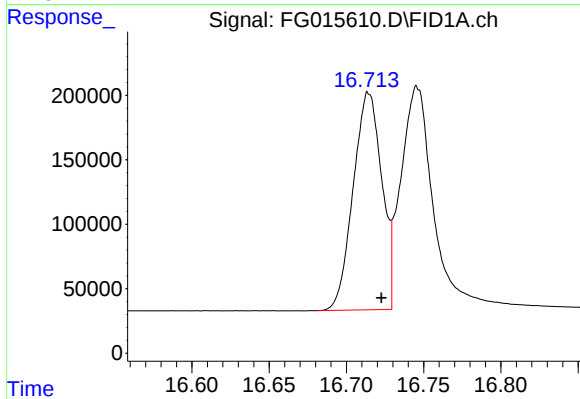
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: -0.007 min
Response: 2118710
Conc: 15.62 ug/ml



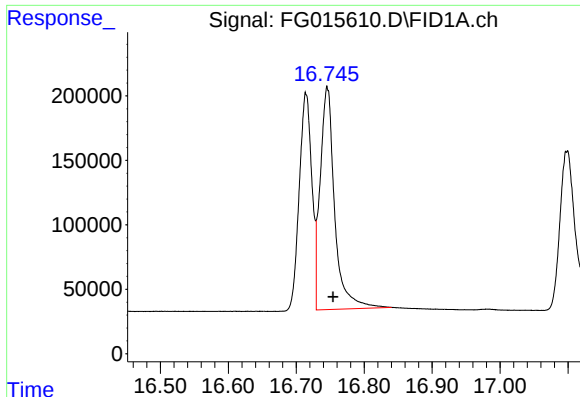
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: -0.007 min
Response: 2565648
Conc: 18.33 ug/ml



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

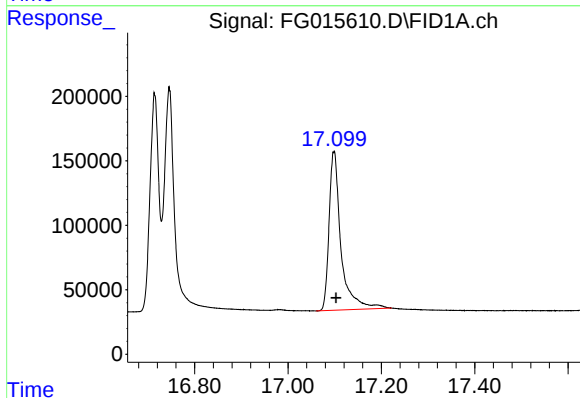
R.T.: 16.714 min
Delta R.T.: -0.008 min
Response: 2169429
Conc: 16.42 ug/ml



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

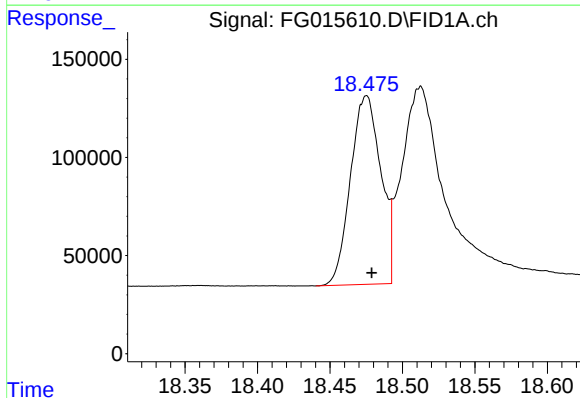
R.T.: 16.746 min
Delta R.T.: -0.008 min
Response: 2561940
Conc: 18.76 ug/ml

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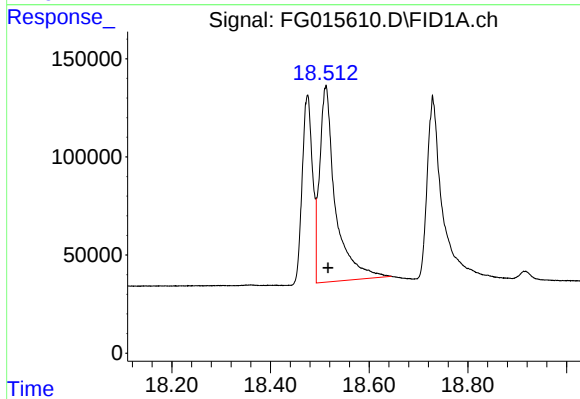
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: -0.005 min
Response: 2191762
Conc: 17.48 ug/ml



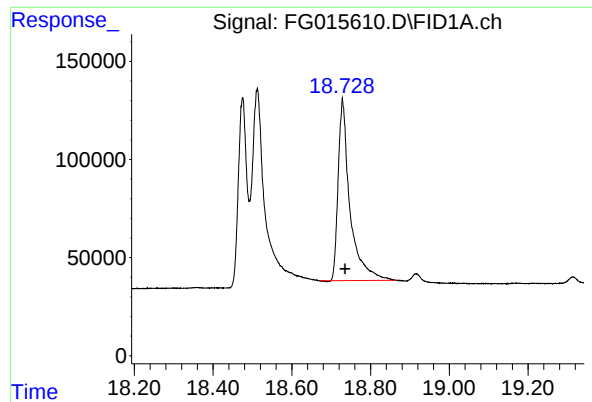
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.475 min
Delta R.T.: -0.004 min
Response: 1399457
Conc: 12.58 ug/ml



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

R.T.: 18.512 min
Delta R.T.: -0.005 min
Response: 2230776
Conc: 17.34 ug/ml



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

R.T.: 18.729 min
Delta R.T.: -0.006 min
Response: 1927061
Conc: 16.13 ug/ml

Instrument :

FID_G

ClientSampleId :

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