

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 08:54
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 02:39:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.371	2783009	18.336 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
6) S 2-Fluorobiphenyl (SURR)	8.220	1811249	18.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.89%
11) S ortho-Terphenyl (SURR)	11.255	3076642	18.062 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	3220349	18.511 ug/ml
2) T Naphthalene (C11.7)	5.711	3315519	18.581 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	3293962	18.416 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3202755	18.240 ug/ml
7) T Acenaphthene (C15.5)	8.317	3231787	18.221 ug/ml
8) T Fluorene (C16.55)	9.095	3087206	18.264 ug/ml
9) T Phenanthrene (C19.36)	10.482	2989978	18.088 ug/ml
10) T Anthracene (C19.43)	10.557	2851757	17.833 ug/ml
12) T Fluoranthene (C21.85)	12.285	2975015	18.077 ug/ml
13) T Pyrene (C20.8)	12.578	2918088	18.116 ug/ml
14) T Benzo[a]anthracene (C...	14.445	2689707	18.396 ug/ml
15) T Chrysene (C27.41)	14.487	2954164	17.959 ug/ml
16) T benzo[b]fluoranthene ...	15.993	2830811	18.620 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	2756243	18.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2798622	18.596 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2432714	18.645 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	2948384	18.118 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	2873685	18.771 ug/ml

(f)=RT Delta > 1/2 Window

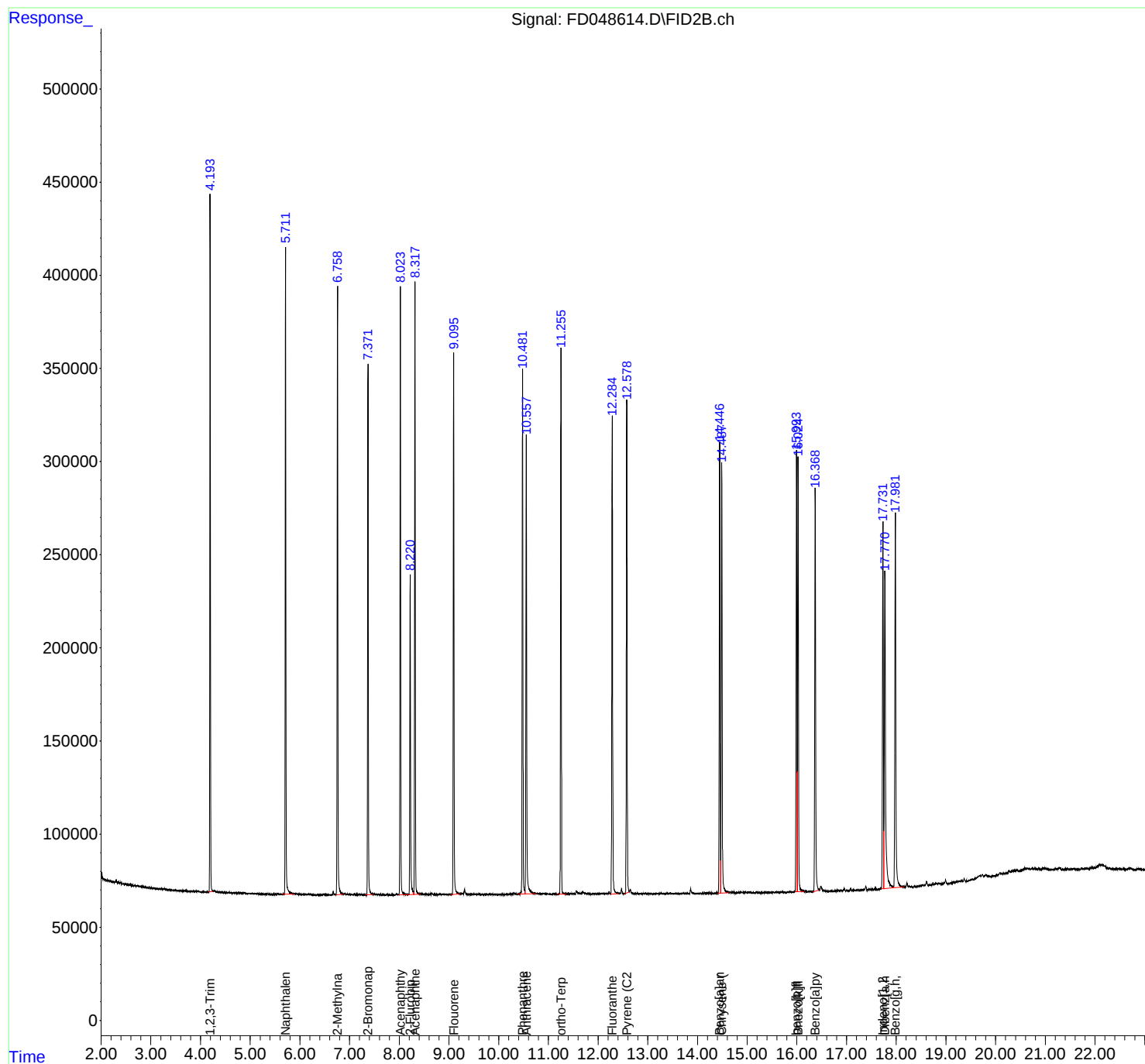
(m)=manual int.

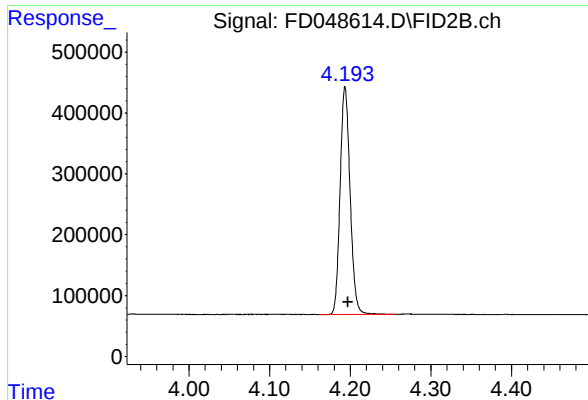
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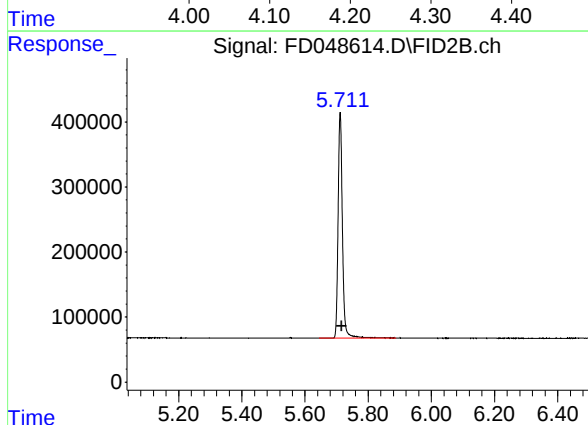




#1 1,2,3-Trimethylbenzene (C10.1)

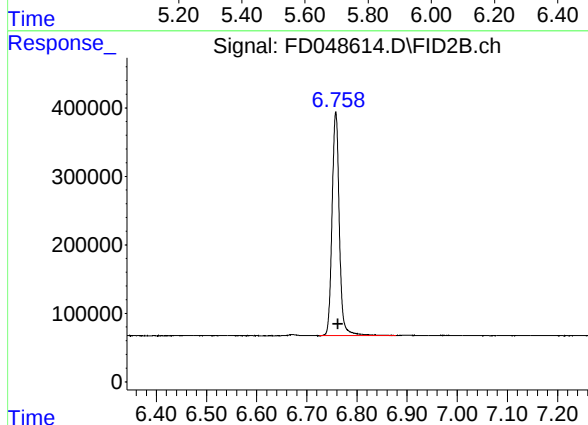
R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 3220349
Conc: 18.51 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



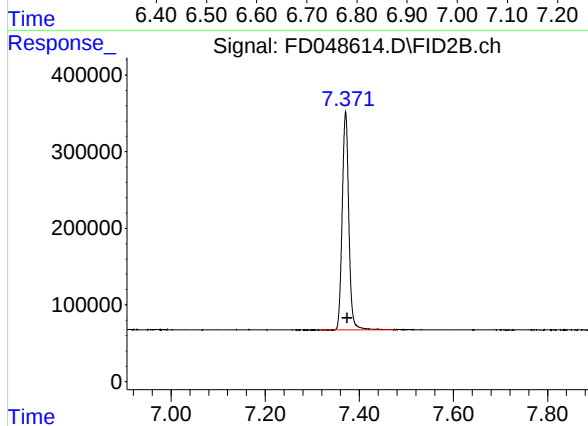
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 3315519
Conc: 18.58 ug/ml



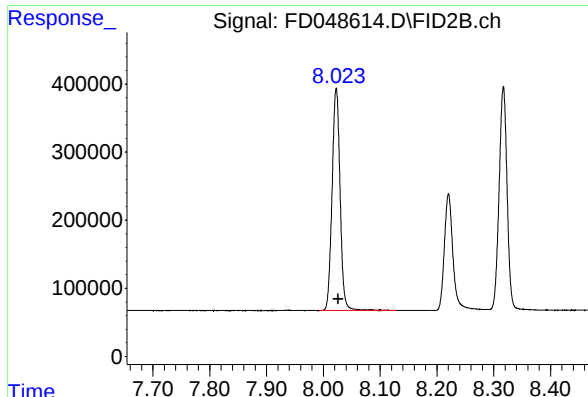
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 3293962
Conc: 18.42 ug/ml



#4 2-Bromonaphthalene (SURR)

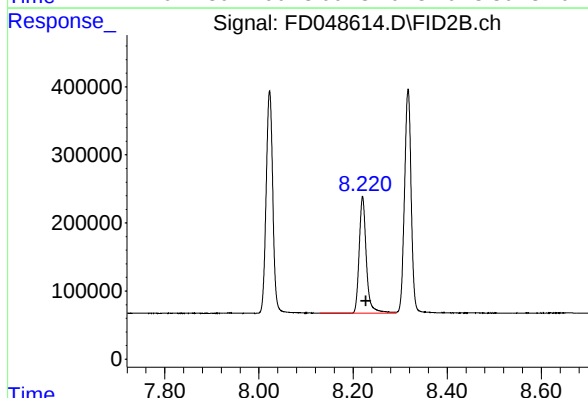
R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 2783009
Conc: 18.34 ug/ml



#5 Acenaphthylene (C15.06)

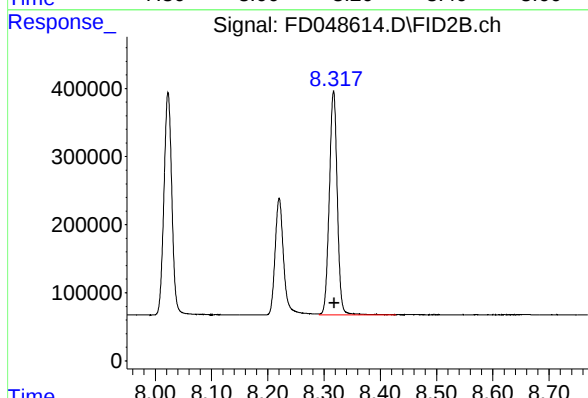
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 3202755
Conc: 18.24 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



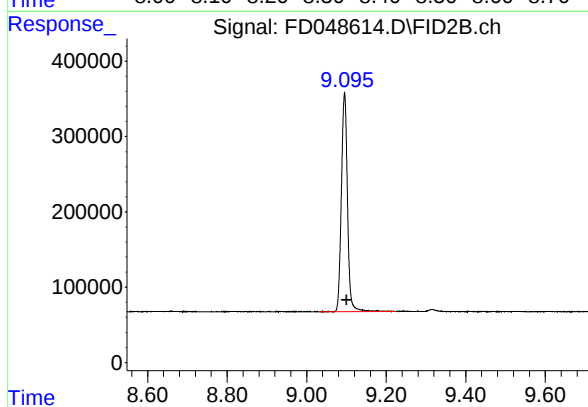
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 1811249
Conc: 18.45 ug/ml



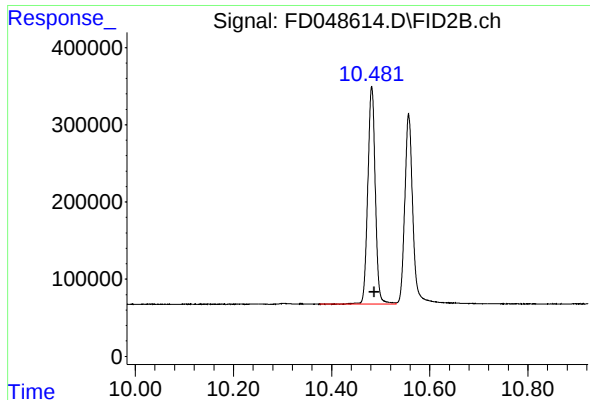
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 3231787
Conc: 18.22 ug/ml



#8 Fluorene (C16.55)

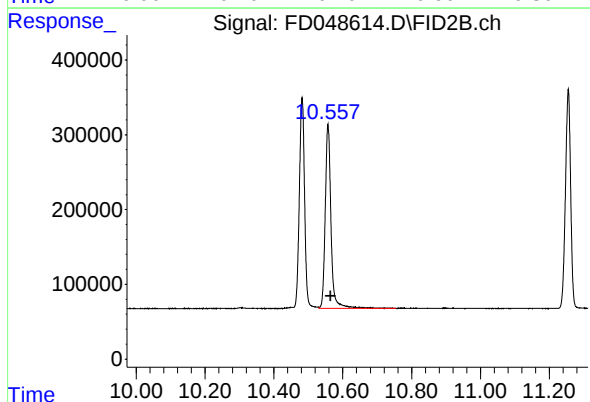
R.T.: 9.095 min
Delta R.T.: -0.005 min
Response: 3087206
Conc: 18.26 ug/ml



#9 Phenanthrene (C19.36)

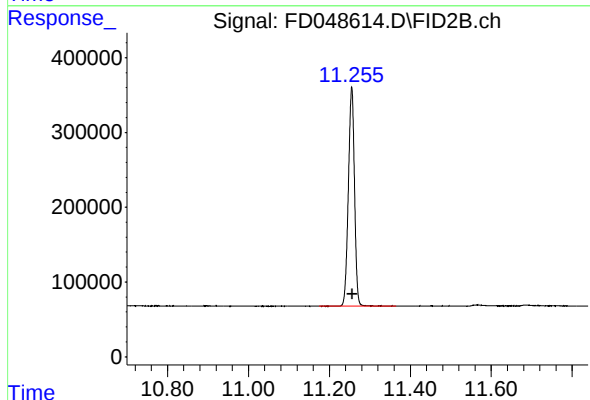
R.T.: 10.482 min
Delta R.T.: -0.006 min
Response: 2989978
Conc: 18.09 ug/ml

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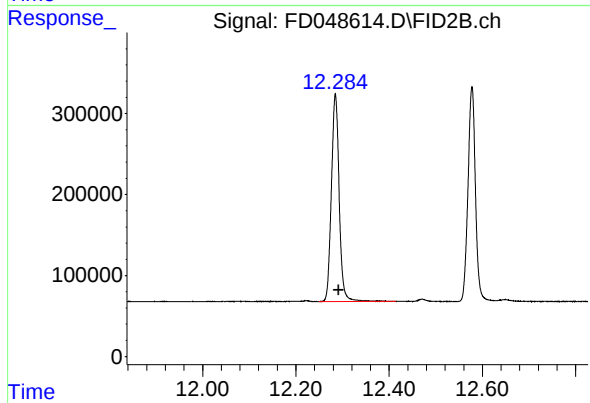
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: -0.007 min
Response: 2851757
Conc: 17.83 ug/ml



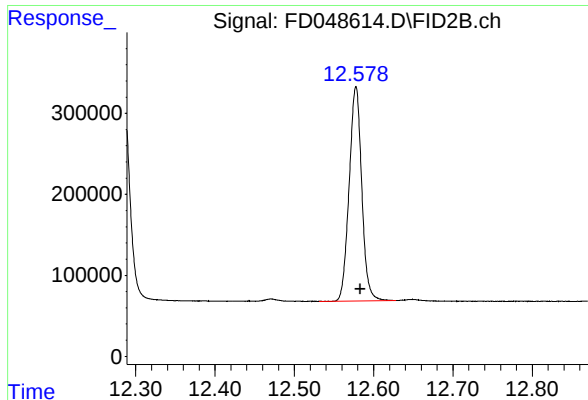
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 3076642
Conc: 18.06 ug/ml



#12 Fluoranthene (C21.85)

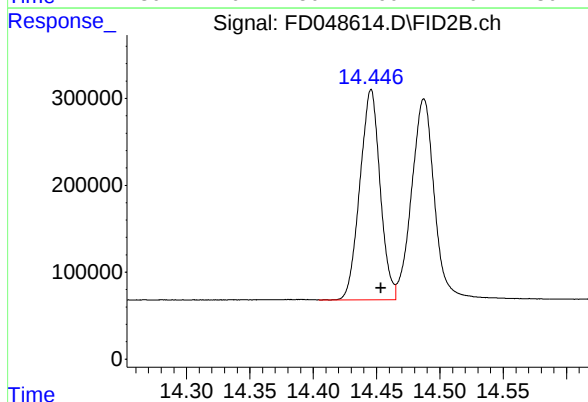
R.T.: 12.285 min
Delta R.T.: -0.007 min
Response: 2975015
Conc: 18.08 ug/ml



#13 Pyrene (C20.8)

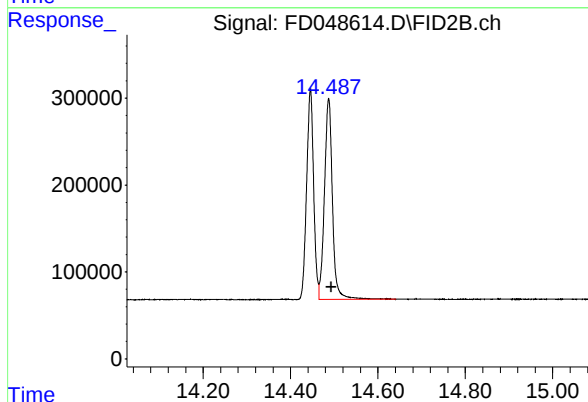
R.T.: 12.578 min
Delta R.T.: -0.006 min
Response: 2918088
Conc: 18.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



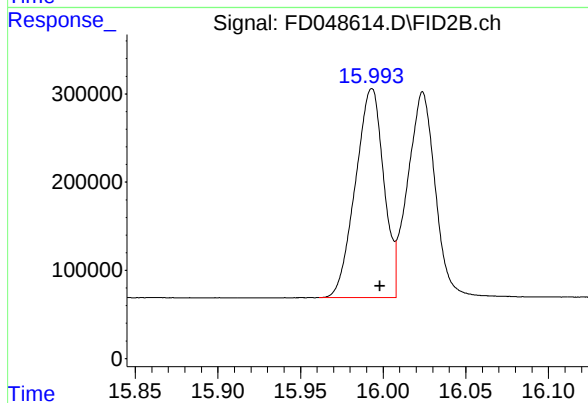
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.008 min
Response: 2689707
Conc: 18.40 ug/ml



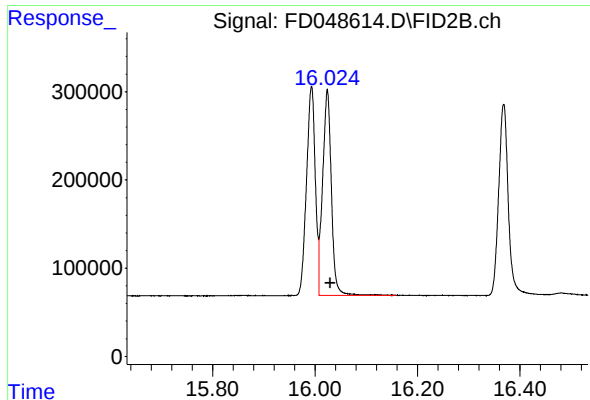
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.006 min
Response: 2954164
Conc: 17.96 ug/ml



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

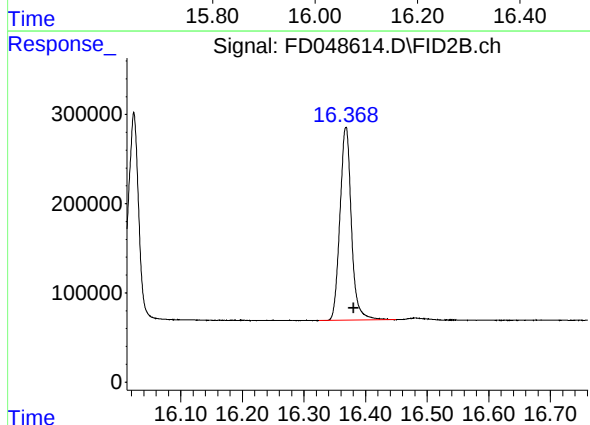
R.T.: 15.993 min
Delta R.T.: -0.005 min
Response: 2830811
Conc: 18.62 ug/ml



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

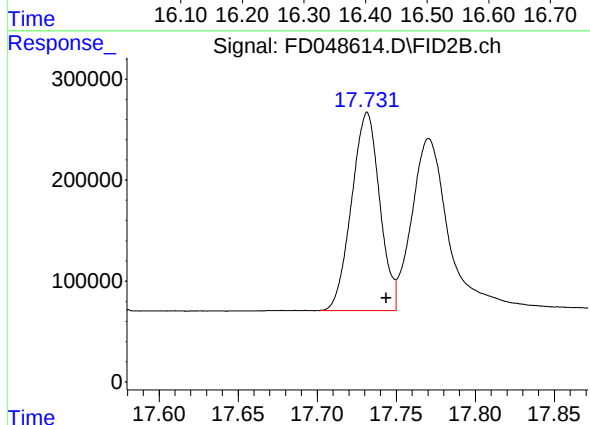
R.T.: 16.024 min
Delta R.T.: -0.006 min
Response: 2756243
Conc: 18.34 ug/ml

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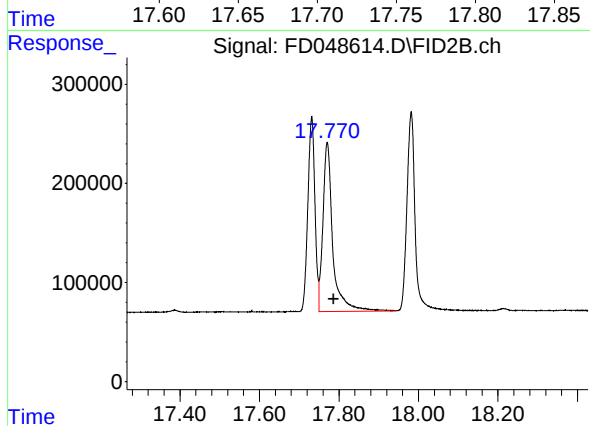
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.012 min
Response: 2798622
Conc: 18.60 ug/ml



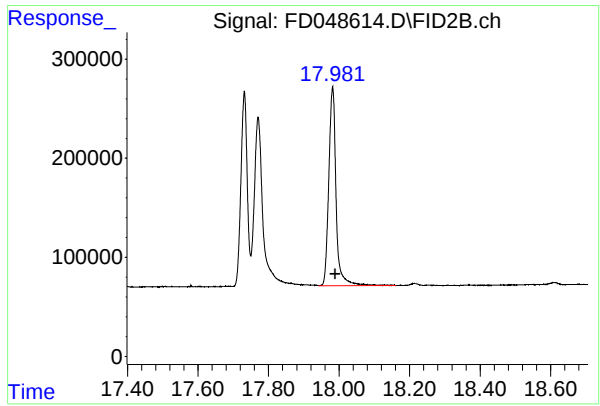
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.012 min
Response: 2432714
Conc: 18.64 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.016 min
Response: 2948384
Conc: 18.12 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.008 min
Response: 2873685
Conc: 18.77 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD