

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045720.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 13:57
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 00:38:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.540	3411164	19.998 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.396	2286406	19.886 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.77%
11) S ortho-Terphenyl (SURR)	11.435	4199849	19.893 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3814343	20.434 ug/ml
2) T Naphthalene (C11.7)	5.880	4000704	20.339 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	4008381	20.291 ug/ml
5) T Acenaphthylene (C15.06)	8.200	3586989	19.965 ug/ml
7) T Acenaphthene (C15.5)	8.496	3824193	20.096 ug/ml
8) T Fluorene (C16.55)	9.274	3745056	19.858 ug/ml
9) T Phenanthrene (C19.36)	10.664	3661238	19.697 ug/ml
10) T Anthracene (C19.43)	10.738	3451975	19.309 ug/ml
12) T Fluoranthene (C21.85)	12.468	3511277	19.464 ug/ml
13) T Pyrene (C20.8)	12.762	3411115	19.463 ug/ml
14) T Benzo[a]anthracene (C...	14.626	3021852	18.985 ug/ml
15) T Chrysene (C27.41)	14.668	3116995	19.196 ug/ml
16) T benzo[b]fluoranthene ...	16.167	2863858	19.445 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	2814058	19.462 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	2746659	19.700 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	2644423	20.814 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	2684512	20.902 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	2704661	21.028 ug/ml

(f)=RT Delta > 1/2 Window

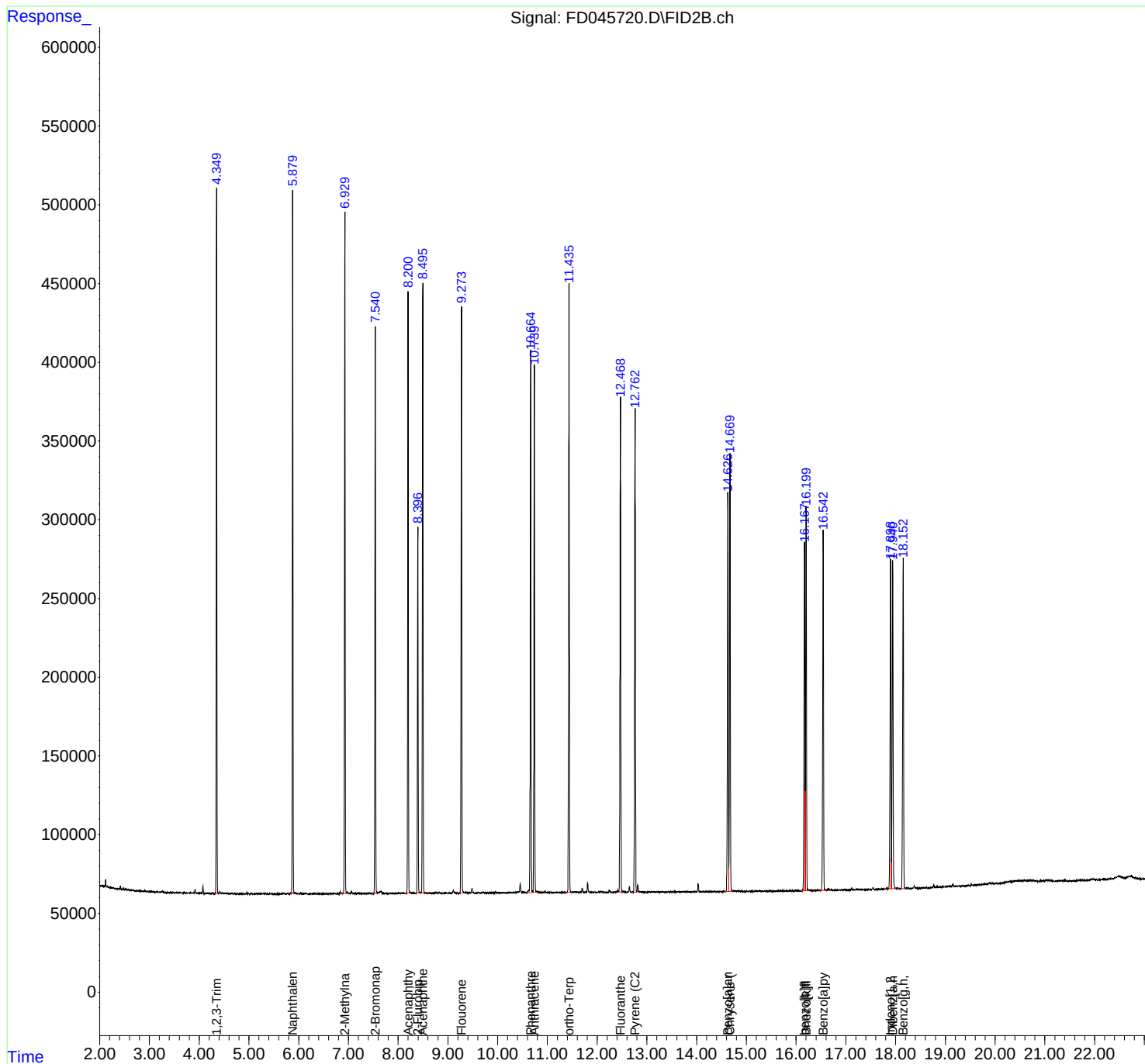
(m)=manual int.

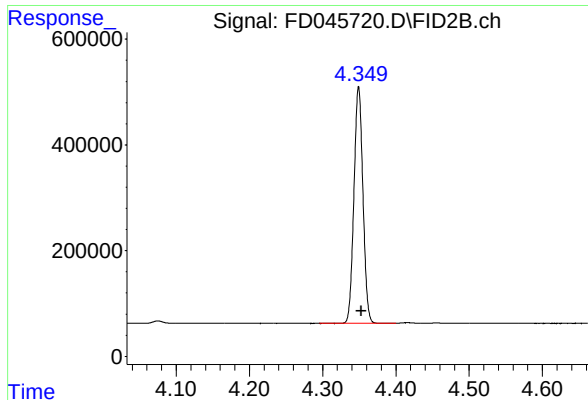
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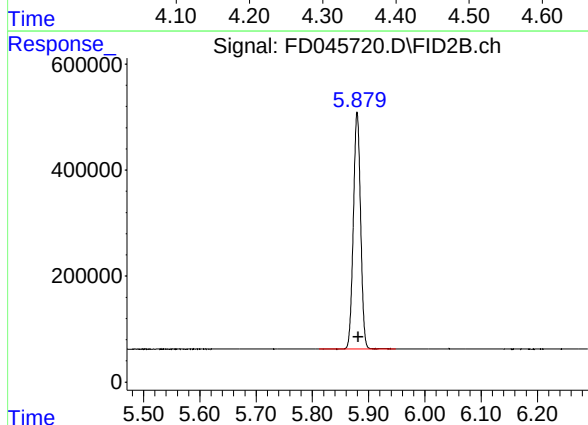




#1 1,2,3-Trimethylbenzene (C10.1)

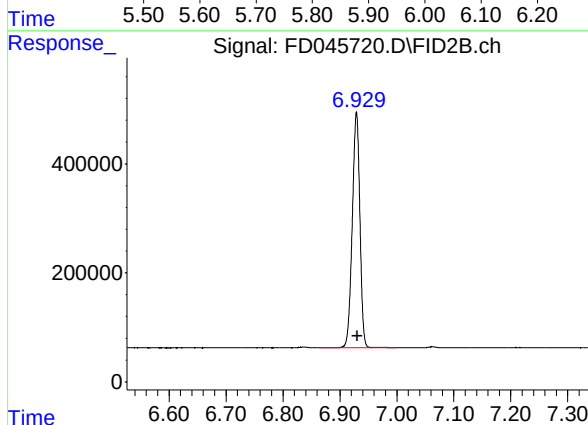
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 3814343
Conc: 20.43 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



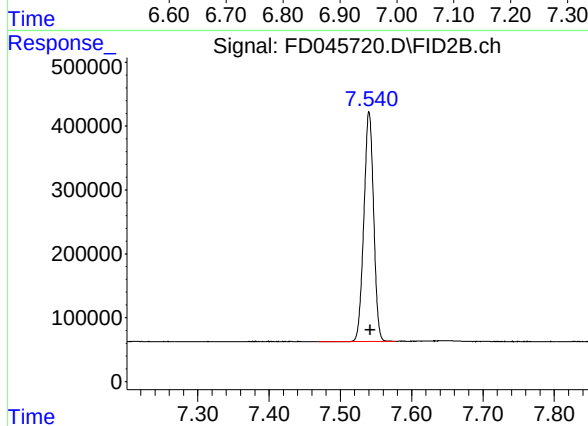
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 4000704
Conc: 20.34 ug/ml



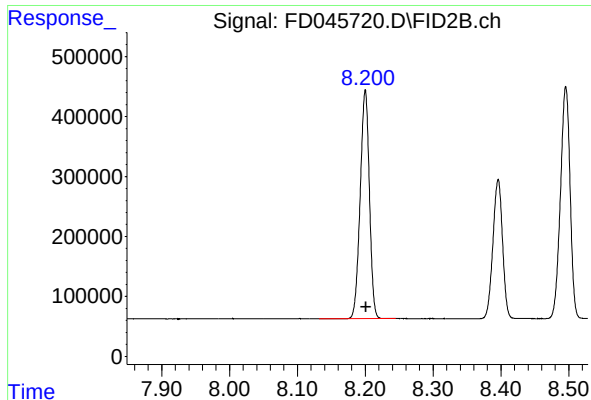
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 4008381
Conc: 20.29 ug/ml



#4 2-Bromonaphthalene (SURR)

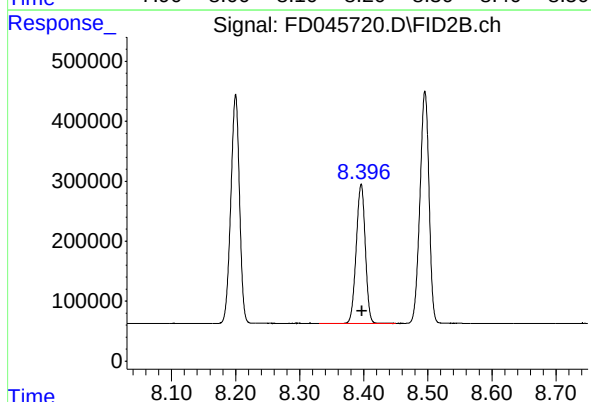
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3411164
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

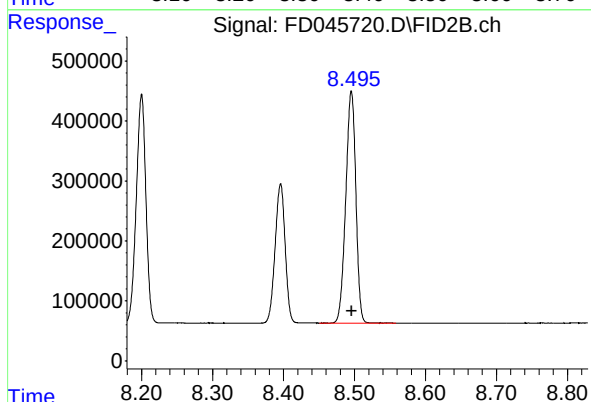
R.T.: 8.200 min
Delta R.T.: -0.001 min
Response: 3586989
Conc: 19.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



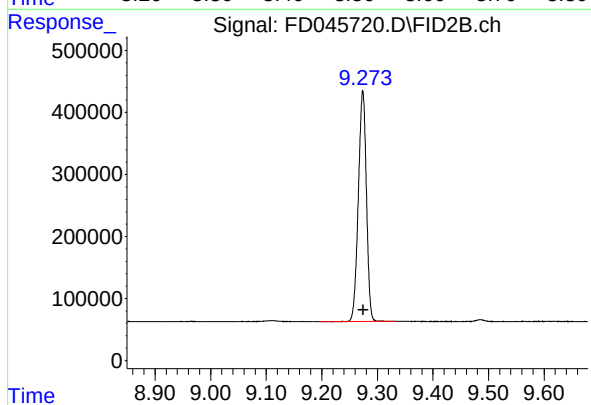
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2286406
Conc: 19.89 ug/ml



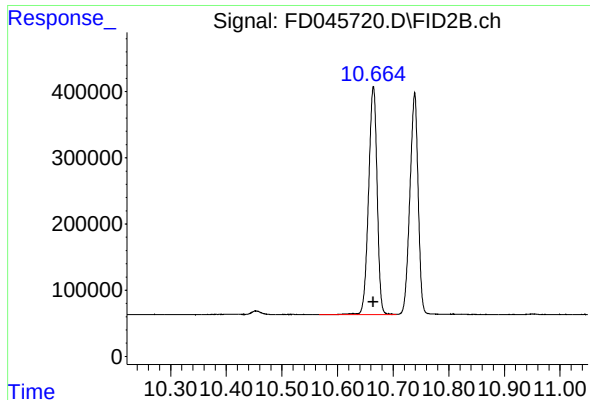
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 3824193
Conc: 20.10 ug/ml



#8 Fluorene (C16.55)

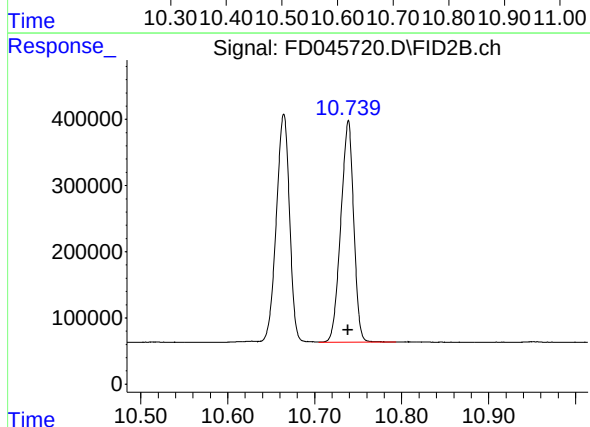
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 3745056
Conc: 19.86 ug/ml



#9 Phenanthrene (C19.36)

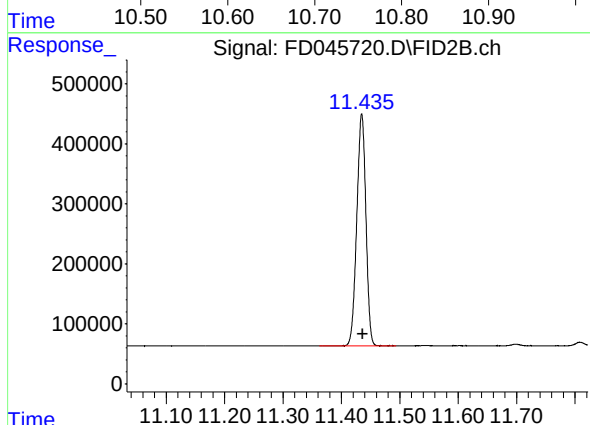
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 3661238
Conc: 19.70 ug/ml

Instrument :
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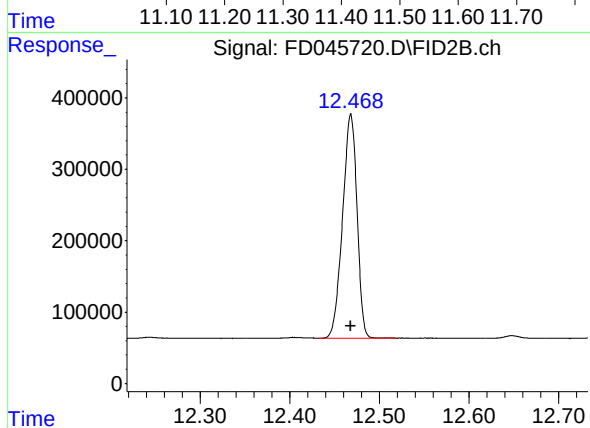
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 3451975
Conc: 19.31 ug/ml



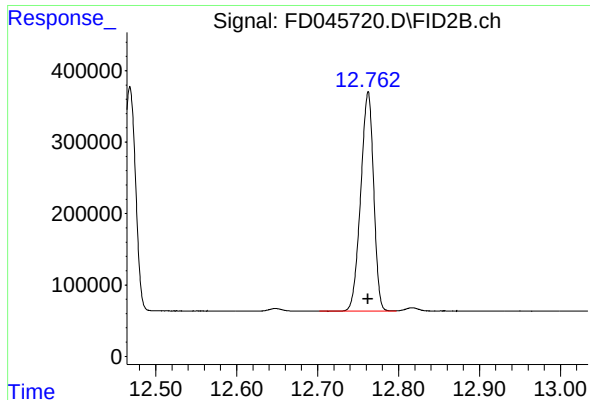
#11 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 4199849
Conc: 19.89 ug/ml



#12 Fluoranthene (C21.85)

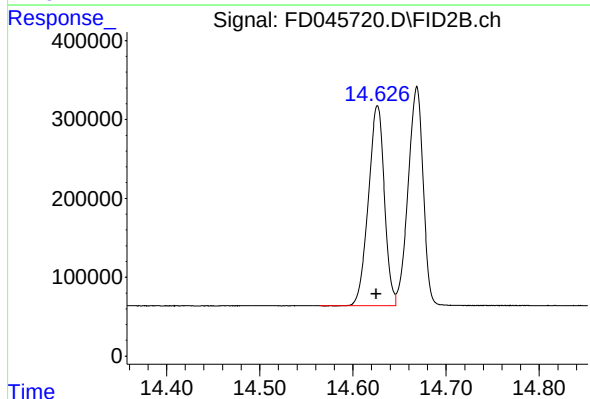
R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 3511277
Conc: 19.46 ug/ml



#13 Pyrene (C20.8)

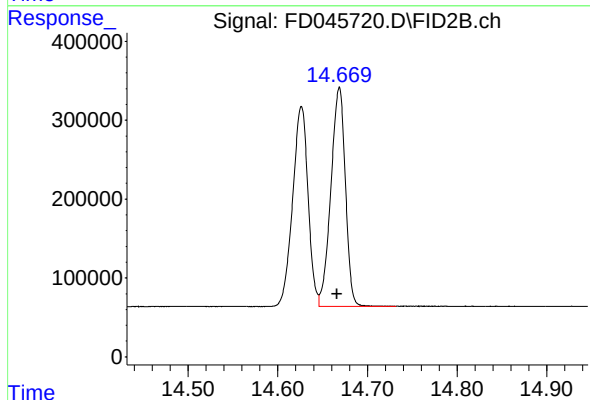
R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 3411115
Conc: 19.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



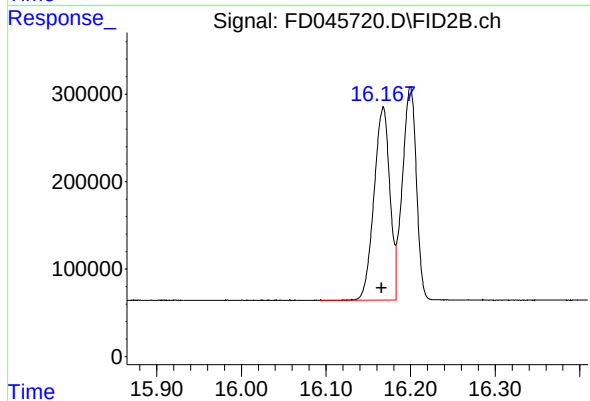
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.626 min
Delta R.T.: 0.000 min
Response: 3021852
Conc: 18.99 ug/ml



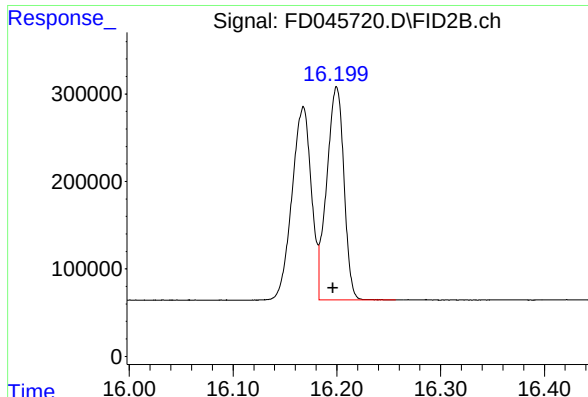
#15 Chrysene (C27.41)

R.T.: 14.668 min
Delta R.T.: 0.002 min
Response: 3116995
Conc: 19.20 ug/ml



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

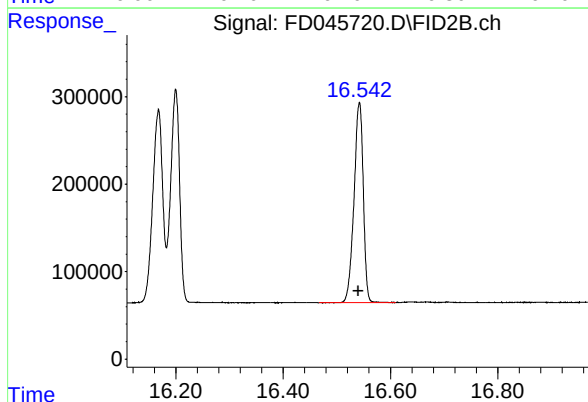
R.T.: 16.167 min
Delta R.T.: 0.002 min
Response: 2863858
Conc: 19.45 ug/ml



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

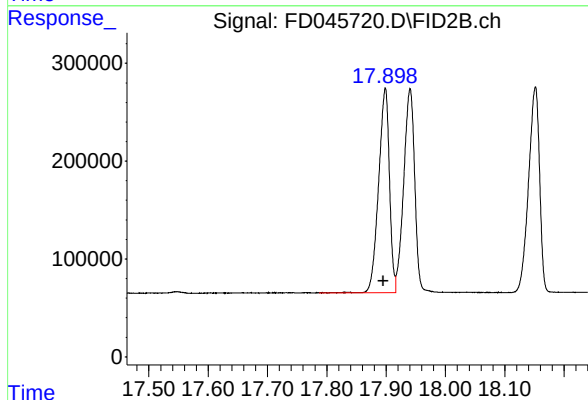
R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2814058
Conc: 19.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



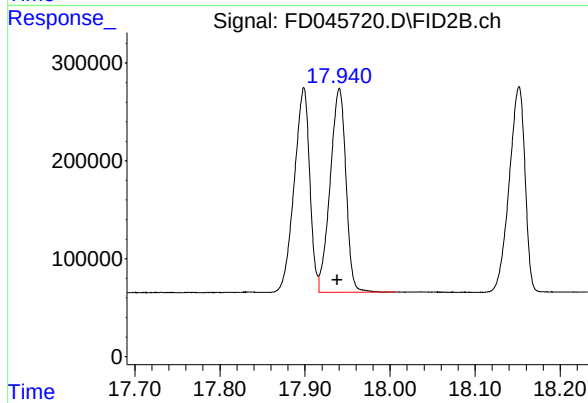
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: 0.001 min
Response: 2746659
Conc: 19.70 ug/ml



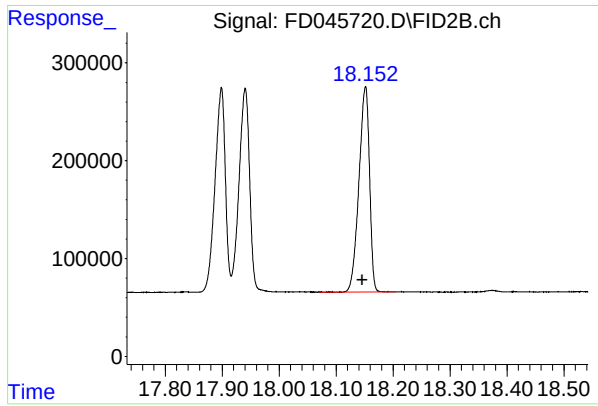
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: 0.003 min
Response: 2644423
Conc: 20.81 ug/ml



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

R.T.: 17.940 min
Delta R.T.: 0.002 min
Response: 2684512
Conc: 20.90 ug/ml



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

R.T.: 18.151 min

Delta R.T.: 0.005 min

Response: 2704661

Conc: 21.03 ug/ml

Instrument :

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ClientSampleId :

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