

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070523AR\
 Data File : FD046068.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2023 09:08
 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: Jul 05 11:15:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.515	4810889	22.324 ug/ml
Spiked Amount 50.000		Recovery =	44.65%
6) S 2-Fluorobiphenyl (SURR)	8.370	3027008	21.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.74%
11) S ortho-Terphenyl (SURR)	11.409	5575848	21.994 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.326	5778592	23.197 ug/ml
2) T Naphthalene (C11.7)	5.855	5769104	22.613 ug/ml
3) T 2-Methylnaphthalene (...)	6.904	5644882	22.392 ug/ml
5) T Acenaphthylene (C15.06)	8.174	4831571	22.245 ug/ml
7) T Acenaphthene (C15.5)	8.470	5223903	22.161 ug/ml
8) T Flouorene (C16.55)	9.249	4946281	21.861 ug/ml
9) T Phenanthrene (C19.36)	10.639	4606329	21.588 ug/ml
10) T Anthracene (C19.43)	10.712	3550424	22.345 ug/ml
12) T Fluoranthene (C21.85)	12.443	4381713	21.411 ug/ml
13) T Pyrene (C20.8)	12.737	4280512	22.015 ug/ml
14) T Benzo[a]anthracene (C...	14.602	3955637	21.995 ug/ml
15) T Chrysene (C27.41)	14.645	4190292	21.349 ug/ml
16) T benzo[b]fluoranthene ...	16.145	4297913	22.915 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	4213416	21.301 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.521	4124198	23.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	4125605	22.168 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	4127592	22.450 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	4218156	22.575 ug/ml

(f)=RT Delta > 1/2 Window

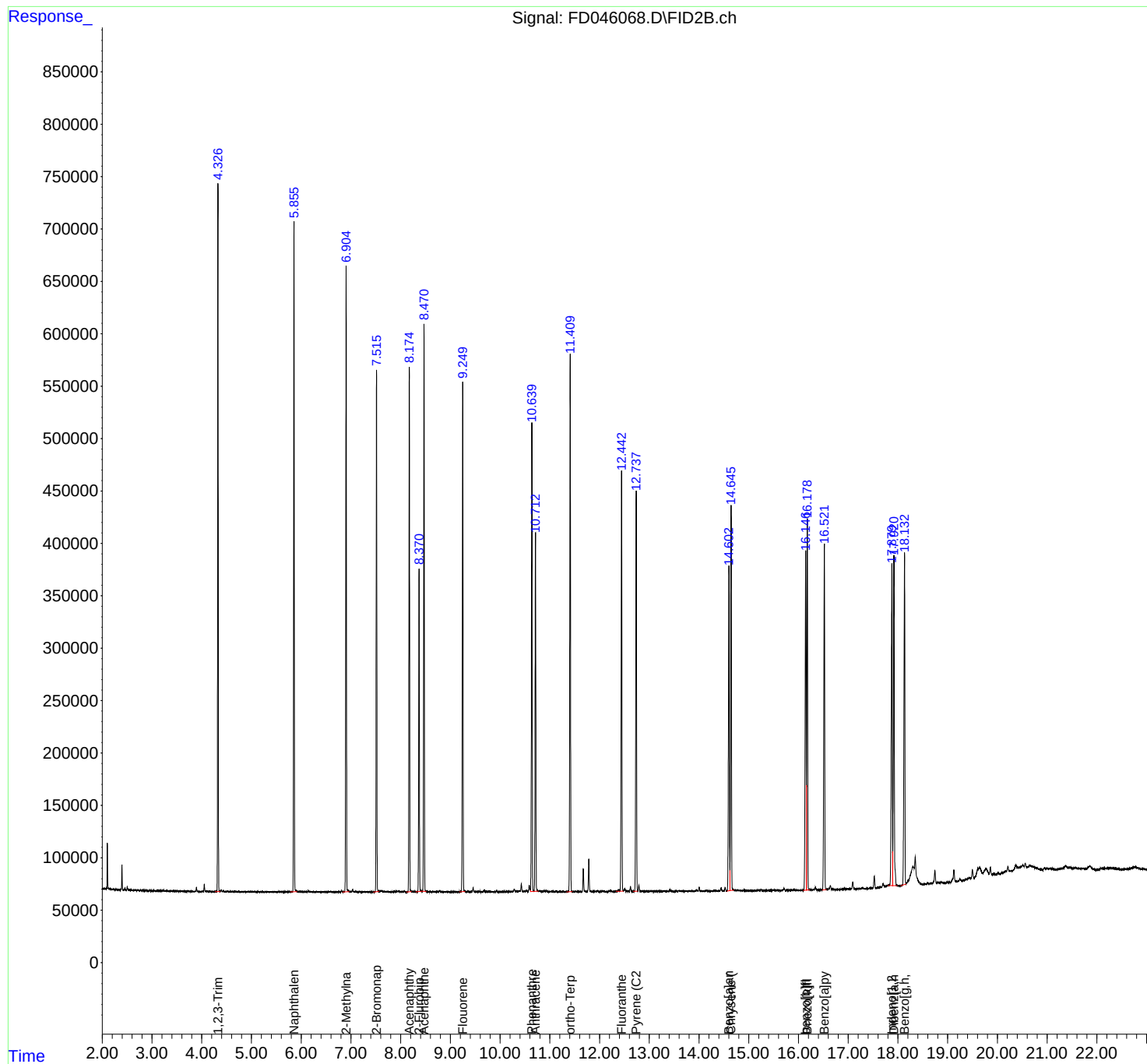
(m)=manual int.

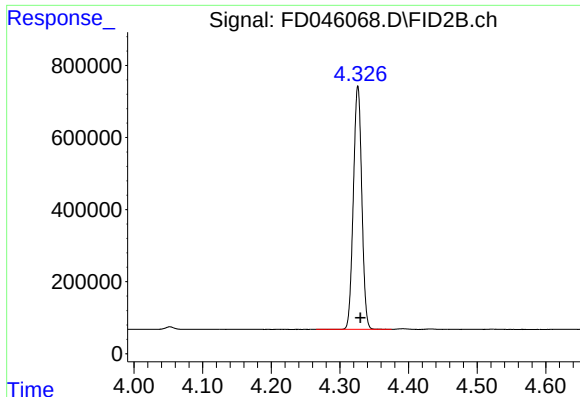
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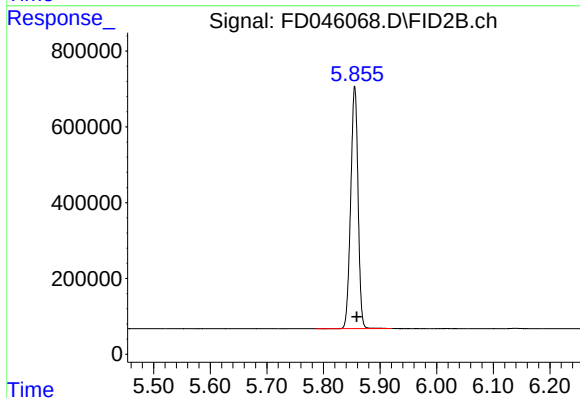




#1 1,2,3-Trimethylbenzene (C10.1)

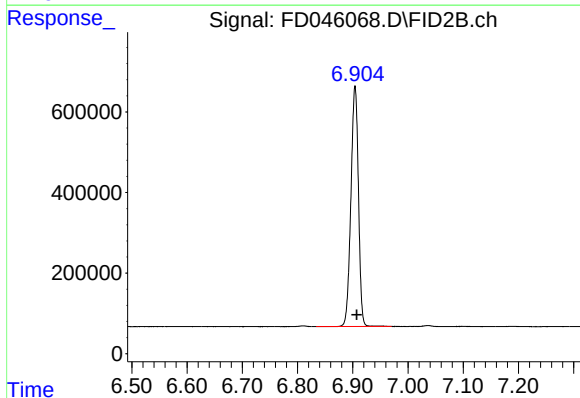
R.T.: 4.326 min
Delta R.T.: -0.004 min
Response: 5778592
Conc: 23.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



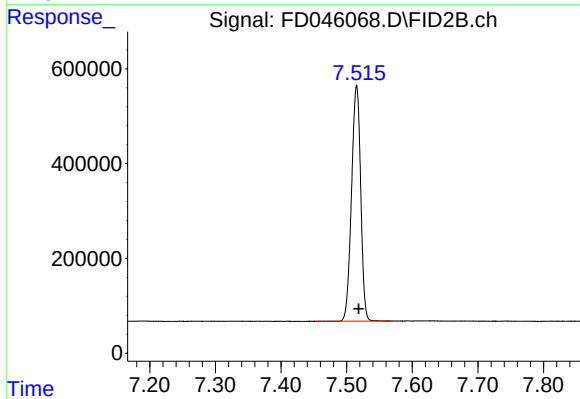
#2 Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 5769104
Conc: 22.61 ug/ml



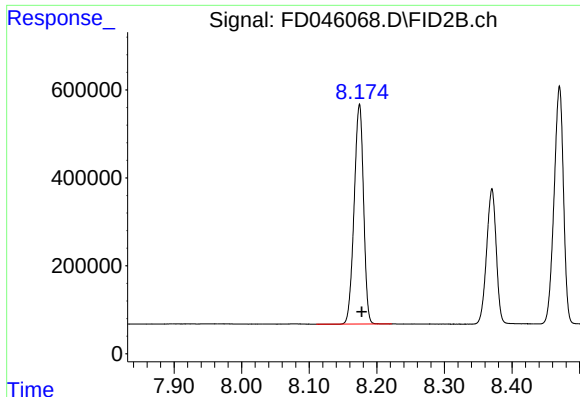
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 5644882
Conc: 22.39 ug/ml



#4 2-Bromonaphthalene (SURR)

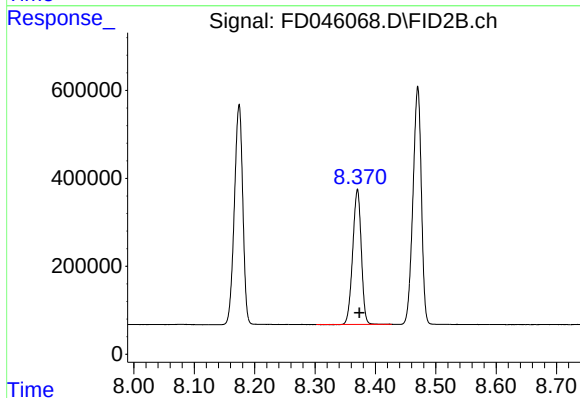
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 4810889
Conc: 22.32 ug/ml



#5 Acenaphthylene (C15.06)

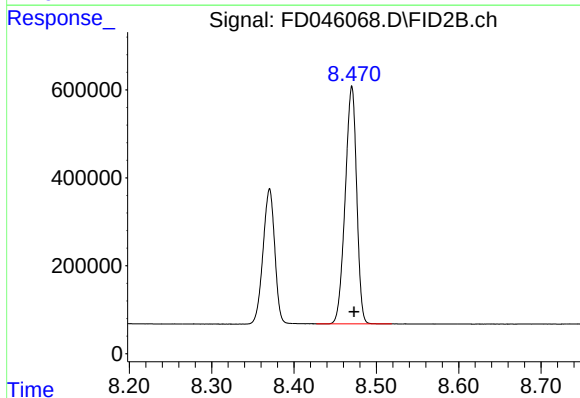
R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 4831571
Conc: 22.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



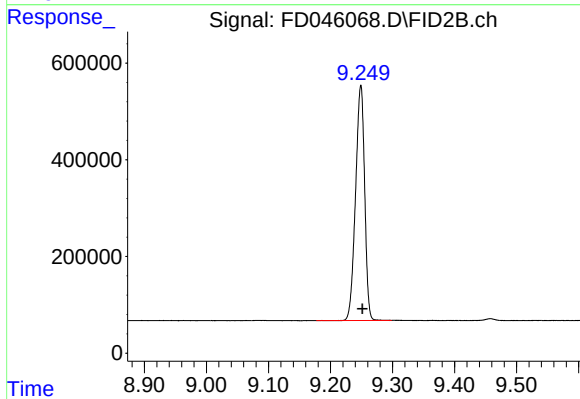
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.370 min
Delta R.T.: -0.003 min
Response: 3027008
Conc: 21.87 ug/ml



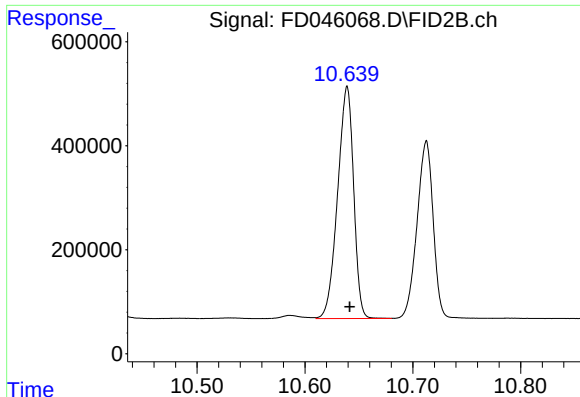
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 5223903
Conc: 22.16 ug/ml



#8 Fluorene (C16.55)

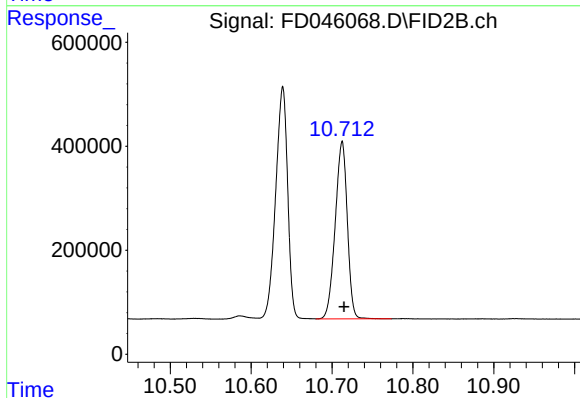
R.T.: 9.249 min
Delta R.T.: -0.003 min
Response: 4946281
Conc: 21.86 ug/ml



#9 Phenanthrene (C19.36)

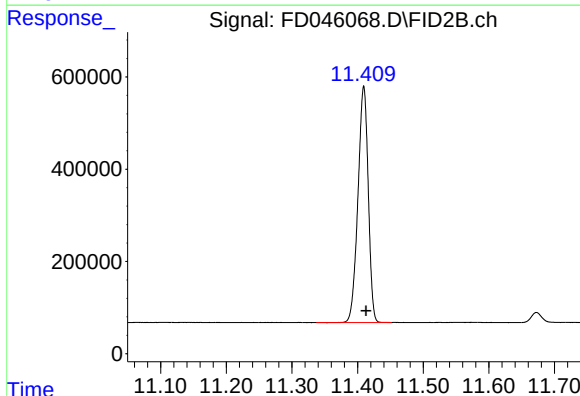
R.T.: 10.639 min
Delta R.T.: -0.003 min
Response: 4606329
Conc: 21.59 ug/ml

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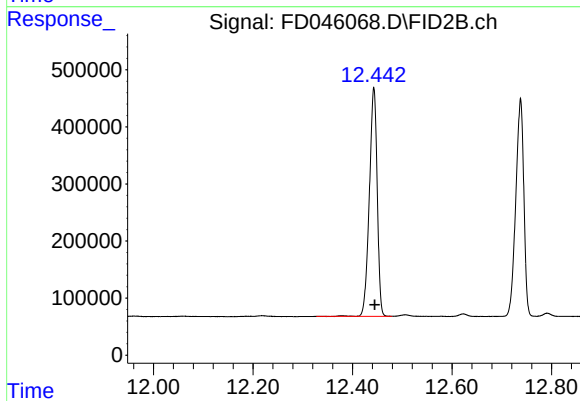
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: -0.003 min
Response: 3550424
Conc: 22.34 ug/ml



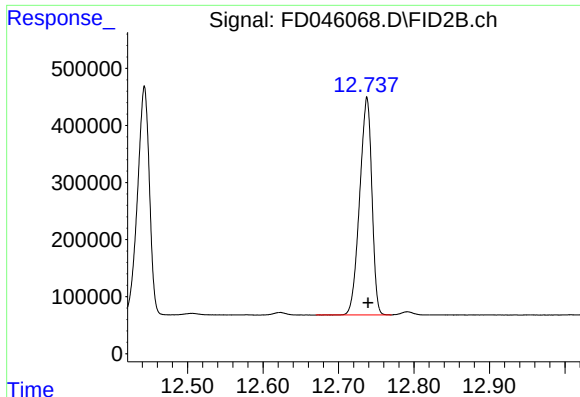
#11 ortho-Terphenyl (SURR)

R.T.: 11.409 min
Delta R.T.: -0.004 min
Response: 5575848
Conc: 21.99 ug/ml



#12 Fluoranthene (C21.85)

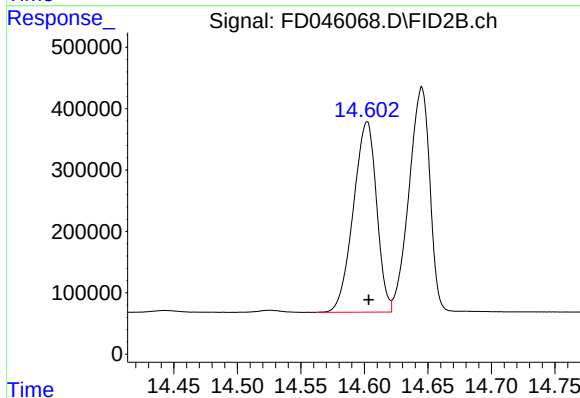
R.T.: 12.443 min
Delta R.T.: -0.002 min
Response: 4381713
Conc: 21.41 ug/ml



#13 Pyrene (C20.8)

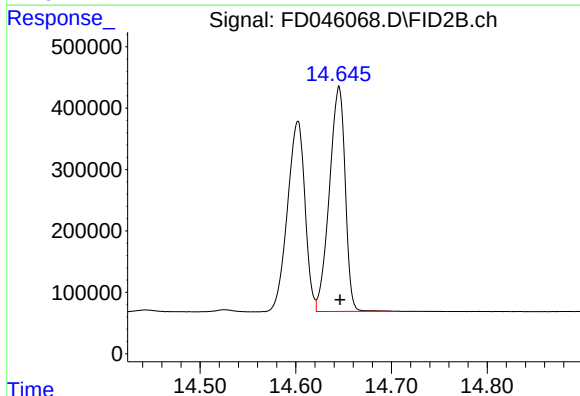
R.T.: 12.737 min
Delta R.T.: -0.002 min
Response: 4280512
Conc: 22.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



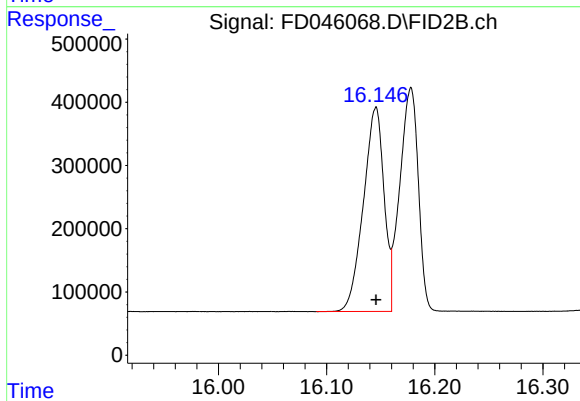
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: -0.002 min
Response: 3955637
Conc: 21.99 ug/ml



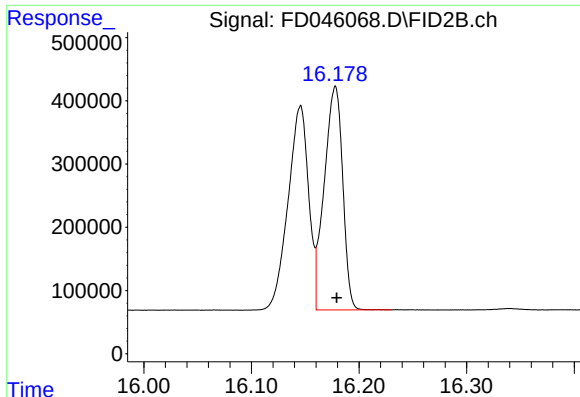
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.001 min
Response: 4190292
Conc: 21.35 ug/ml



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

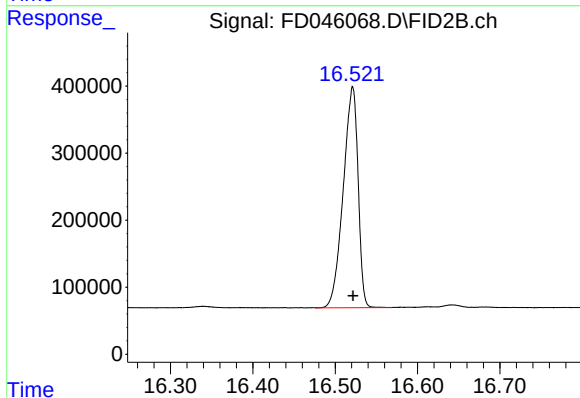
R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 4297913
Conc: 22.92 ug/ml



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

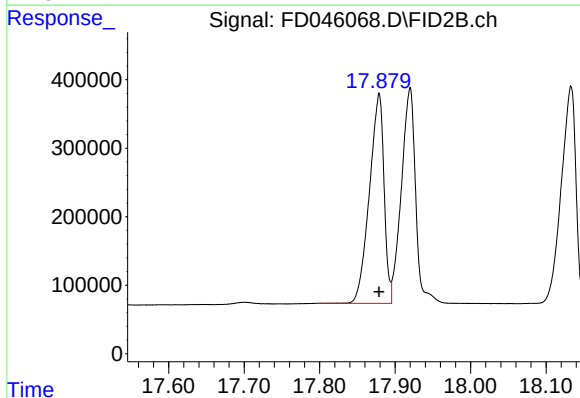
R.T.: 16.178 min
Delta R.T.: -0.002 min
Response: 4213416
Conc: 21.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



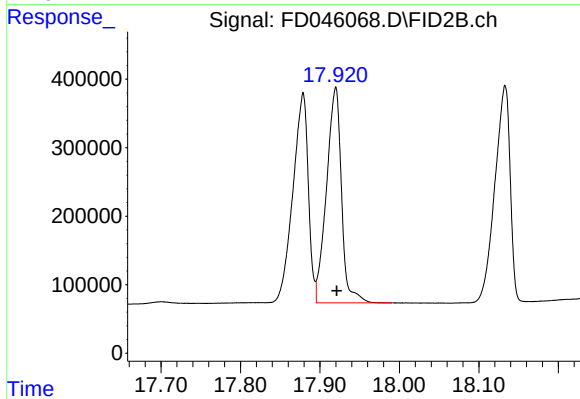
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.521 min
Delta R.T.: -0.001 min
Response: 4124198
Conc: 23.67 ug/ml



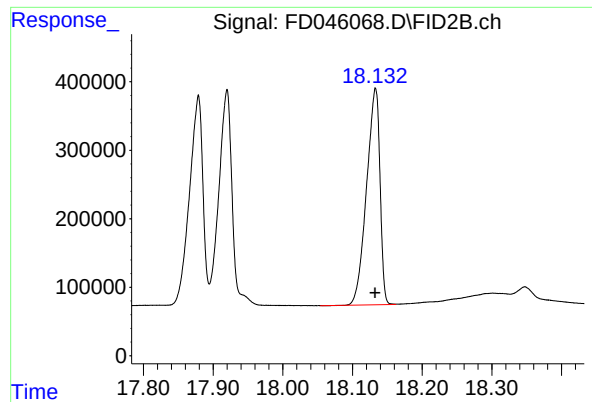
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 4125605
Conc: 22.17 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.002 min
Response: 4127592
Conc: 22.45 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 4218156
Conc: 22.57 ug/ml

Instrument :

FID_D

ClientSampleId :

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