

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045671.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 03:05
 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: May 18 03:46:43 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	3730915	21.873 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
6) S 2-Fluorobiphenyl (SURR)	8.396	2529568	22.001 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.00%
11) S ortho-Terphenyl (SURR)	11.436	4634464	21.952 ug/ml
Spiked Amount 50.000		Recovery =	43.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	4114563	22.042 ug/ml
2) T Naphthalene (C11.7)	5.880	4329653	22.011 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	4351464	22.028 ug/ml
5) T Acenaphthylene (C15.06)	8.201	3919951	21.818 ug/ml
7) T Acenaphthene (C15.5)	8.496	4198113	22.061 ug/ml
8) T Flouorene (C16.55)	9.275	4144633	21.977 ug/ml
9) T Phenanthrene (C19.36)	10.665	4042373	21.748 ug/ml
10) T Anthracene (C19.43)	10.738	3341739	18.693 ug/ml
12) T Fluoranthene (C21.85)	12.469	3919621	21.728 ug/ml
13) T Pyrene (C20.8)	12.763	3817009	21.779 ug/ml
14) T Benzo[a]anthracene (C...	14.626	3366707	21.152 ug/ml
15) T Chrysene (C27.41)	14.669	3535331	21.772 ug/ml
16) T benzo[b]fluoranthene ...	16.168	3161103	21.464 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	3218449	22.259 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	2900778	20.805 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	2840380	22.356 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	3004854	23.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	2837833	22.063 ug/ml

(f)=RT Delta > 1/2 Window

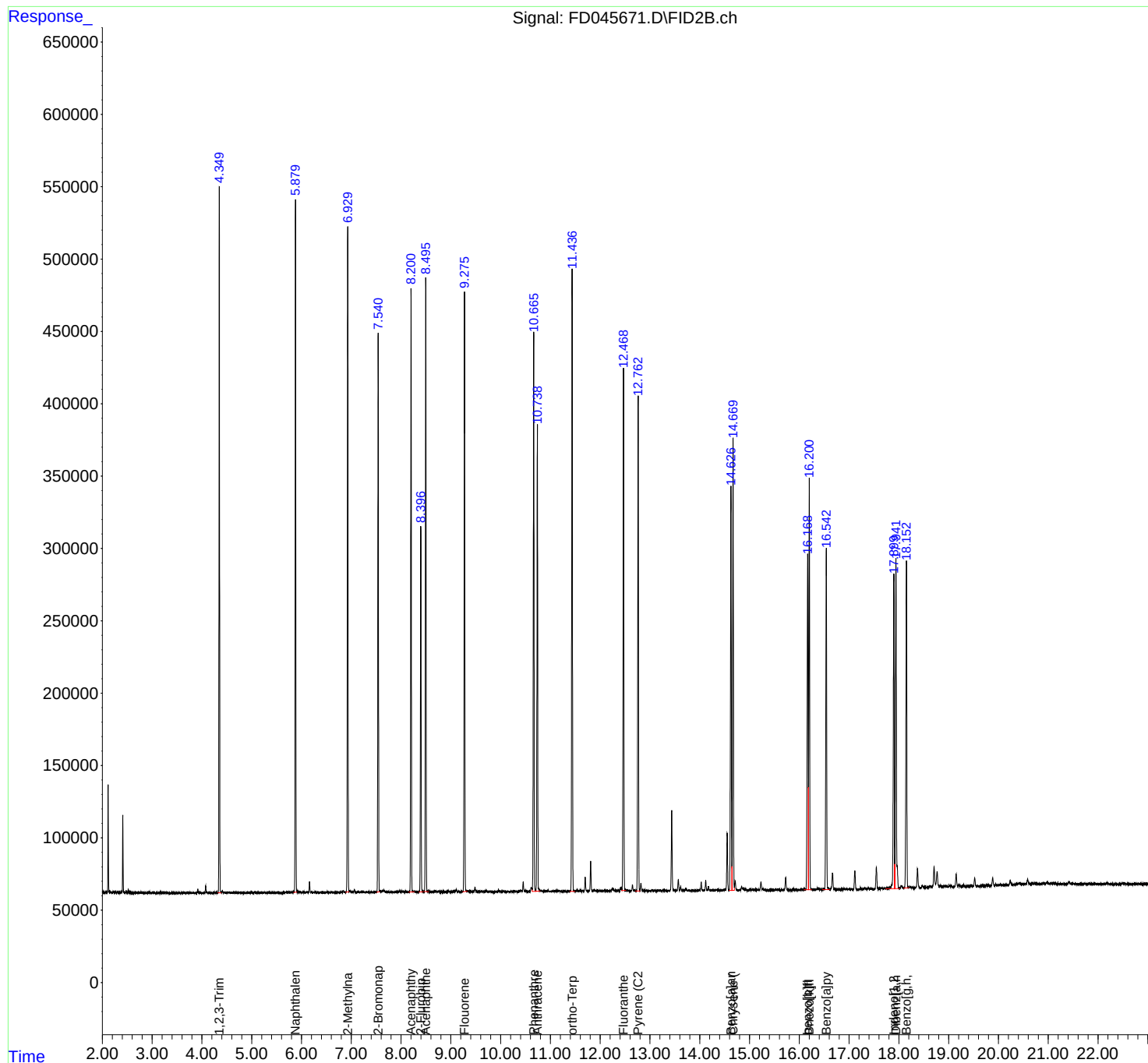
(m)=manual int.

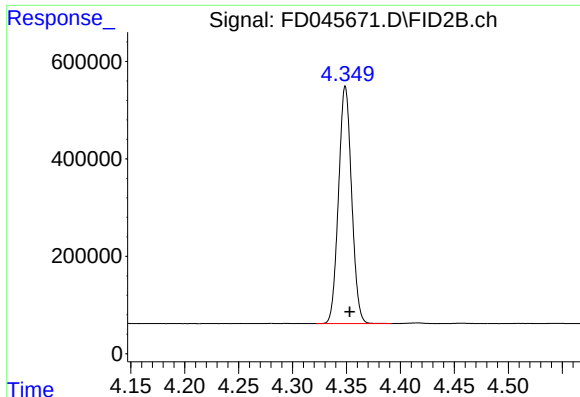
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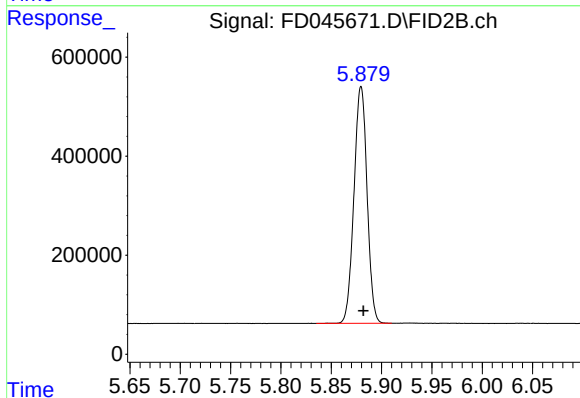




#1 1,2,3-Trimethylbenzene (C10.1)

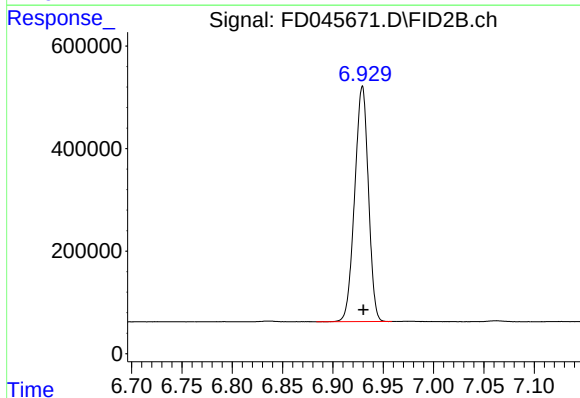
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 4114563
Conc: 22.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



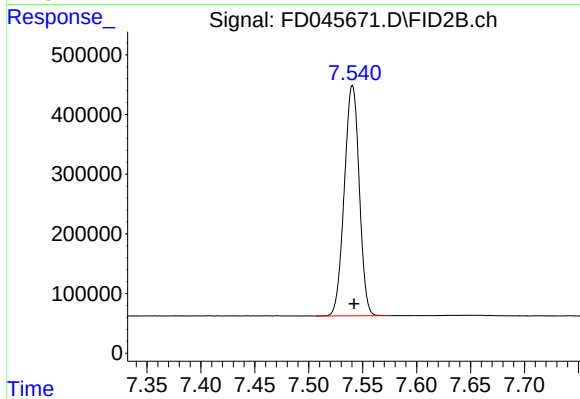
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 4329653
Conc: 22.01 ug/ml



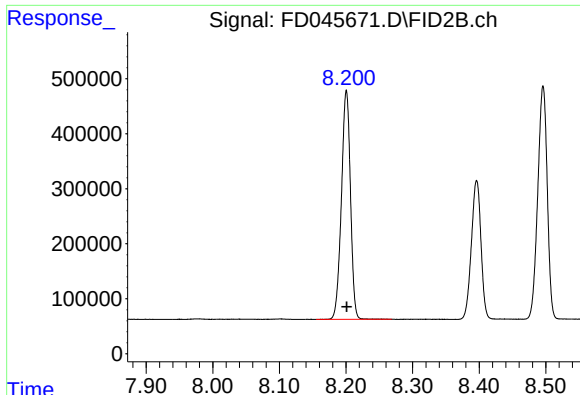
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 4351464
Conc: 22.03 ug/ml



#4 2-Bromonaphthalene (SURR)

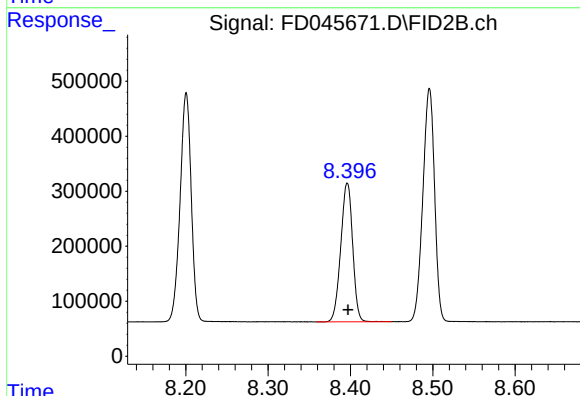
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3730915
Conc: 21.87 ug/ml



#5 Acenaphthylene (C15.06)

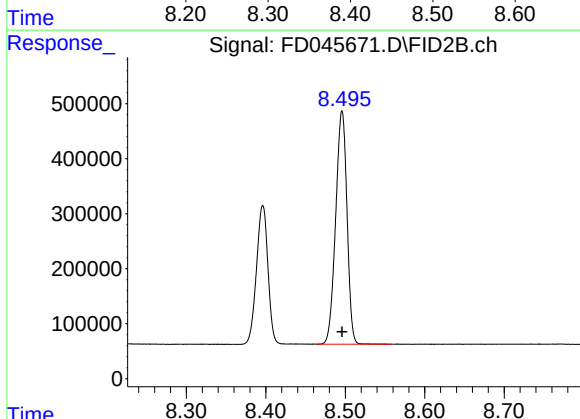
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 3919951
Conc: 21.82 ug/ml

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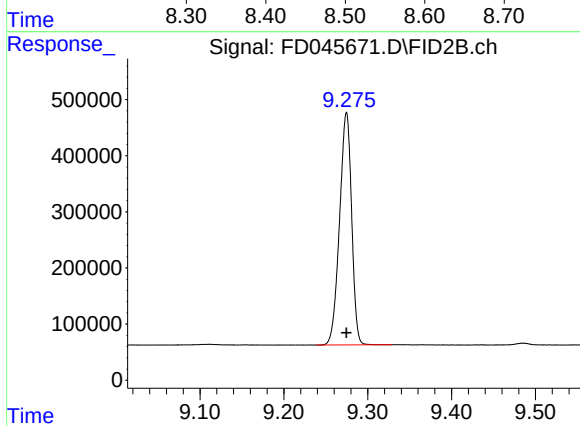
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2529568
Conc: 22.00 ug/ml



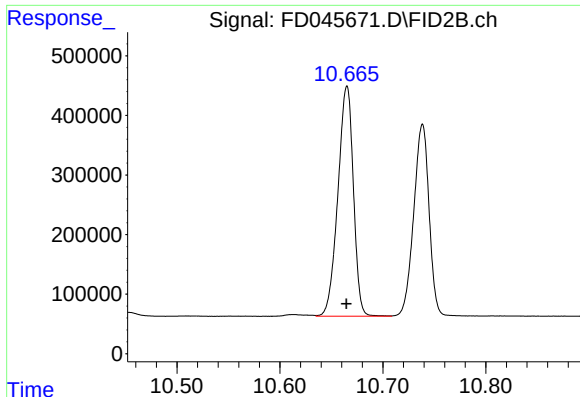
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 4198113
Conc: 22.06 ug/ml



#8 Fluorene (C16.55)

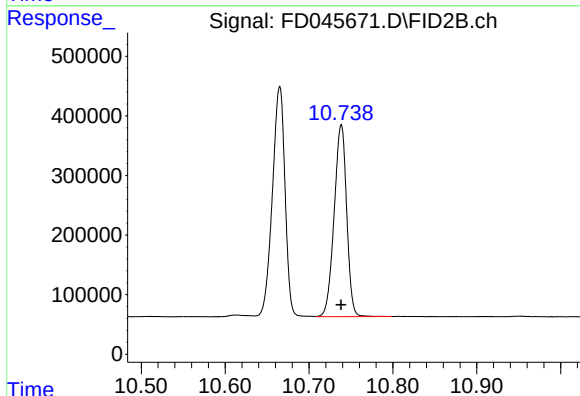
R.T.: 9.275 min
Delta R.T.: 0.000 min
Response: 4144633
Conc: 21.98 ug/ml



#9 Phenanthrene (C19.36)

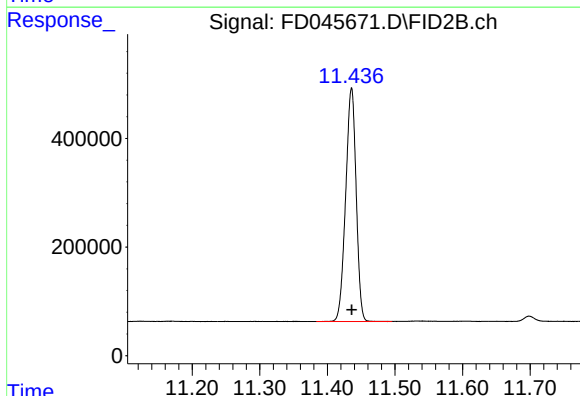
R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 4042373
Conc: 21.75 ug/ml

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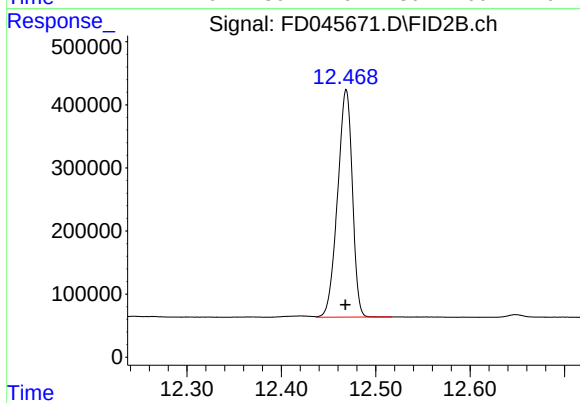
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 3341739
Conc: 18.69 ug/ml



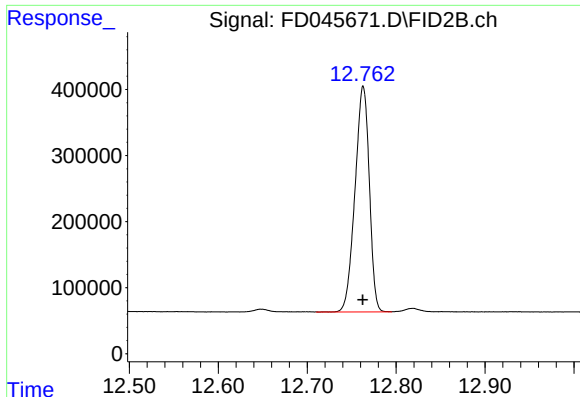
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 4634464
Conc: 21.95 ug/ml



#12 Fluoranthene (C21.85)

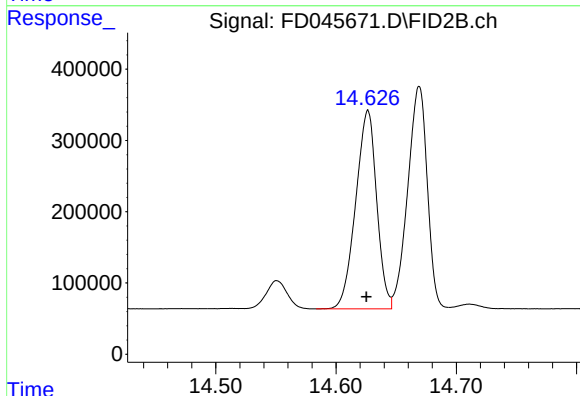
R.T.: 12.469 min
Delta R.T.: 0.000 min
Response: 3919621
Conc: 21.73 ug/ml



#13 Pyrene (C20.8)

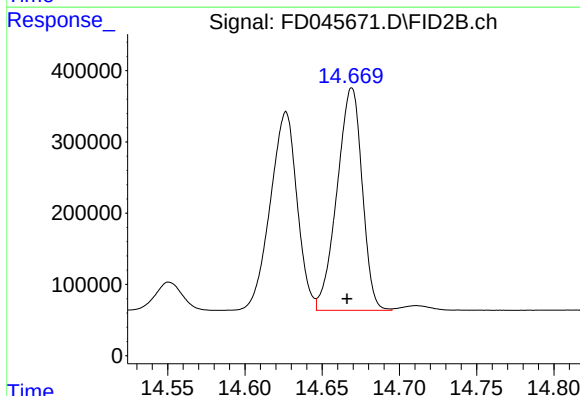
R.T.: 12.763 min
Delta R.T.: 0.000 min
Response: 3817009
Conc: 21.78 ug/ml

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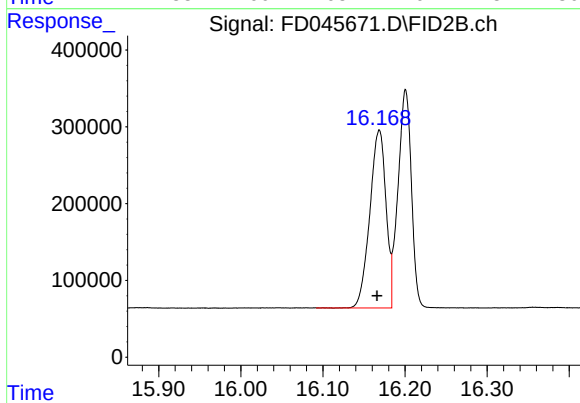
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.626 min
Delta R.T.: 0.000 min
Response: 3366707
Conc: 21.15 ug/ml



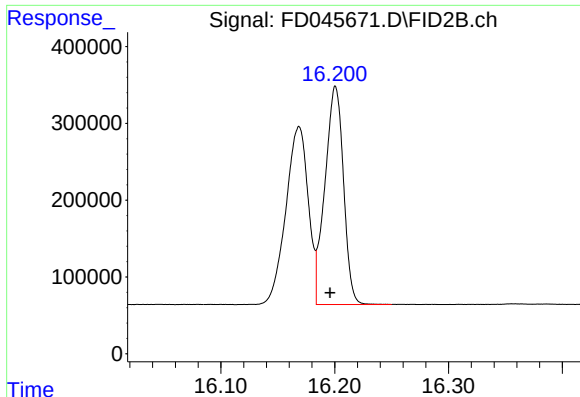
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: 0.003 min
Response: 3535331
Conc: 21.77 ug/ml



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

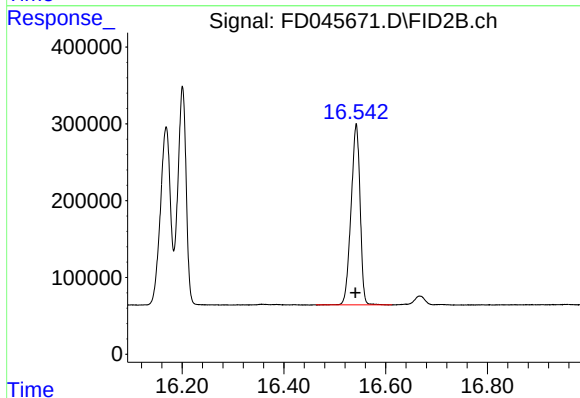
R.T.: 16.168 min
Delta R.T.: 0.003 min
Response: 3161103
Conc: 21.46 ug/ml



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

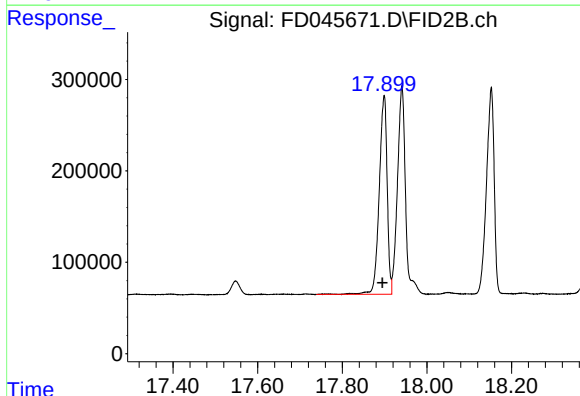
R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 3218449
Conc: 22.26 ug/ml

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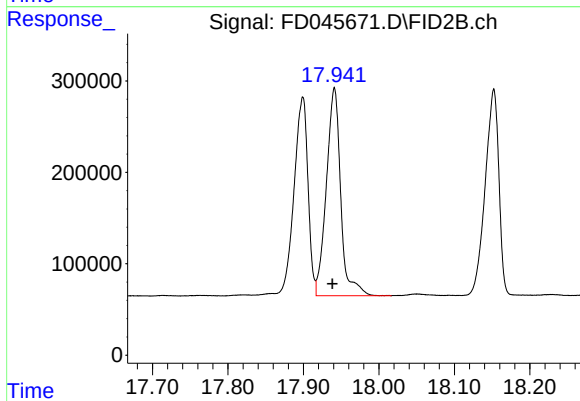
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: 0.002 min
Response: 2900778
Conc: 20.81 ug/ml



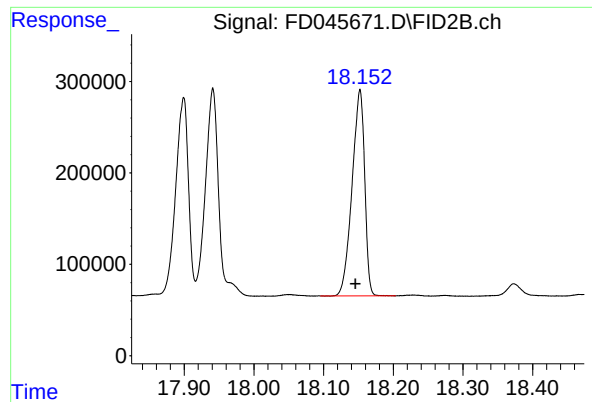
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: 0.003 min
Response: 2840380
Conc: 22.36 ug/ml



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

R.T.: 17.941 min
Delta R.T.: 0.003 min
Response: 3004854
Conc: 23.40 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.006 min
Response: 2837833
Conc: 22.06 ug/ml

Instrument :

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ClientSampleId :

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