

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052623AR\
 Data File : FD045753.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 17:51
 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 27 02:09:53 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...	7.537	3519444	20.633 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
6) S 2-Fluorobiphenyl (SURR)	8.393	2345515	20.400 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.80%
11) S ortho-Terphenyl (SURR)	11.433	4349009	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	3939474	21.104 ug/ml
2) T Naphthalene (C11.7)	5.877	4121192	20.952 ug/ml
3) T 2-Methylnaphthalene (...)	6.926	4122078	20.866 ug/ml
5) T Acenaphthylene (C15.06)	8.197	3684931	20.510 ug/ml
7) T Acenaphthene (C15.5)	8.492	3936702	20.687 ug/ml
8) T Fluorene (C16.55)	9.271	3850849	20.419 ug/ml
9) T Phenanthrene (C19.36)	10.661	3705846	19.937 ug/ml
10) T Anthracene (C19.43)	10.734	3232766	18.083 ug/ml
12) T Fluoranthene (C21.85)	12.464	3582585	19.859 ug/ml
13) T Pyrene (C20.8)	12.759	3455774	19.718 ug/ml
14) T Benzo[a]anthracene (C...	14.622	2979104	18.716 ug/ml
15) T Chrysene (C27.41)	14.665	3091704	19.040 ug/ml
16) T benzo[b]fluoranthene ...	16.164	2884961	19.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.196	2861016	19.787 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.539	2790548	20.014 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.895	2719574	21.405 ug/ml
20) T Dibenz[a,h]anthracene...	17.938	2835055	22.075 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	2810291	21.849 ug/ml

(f)=RT Delta > 1/2 Window

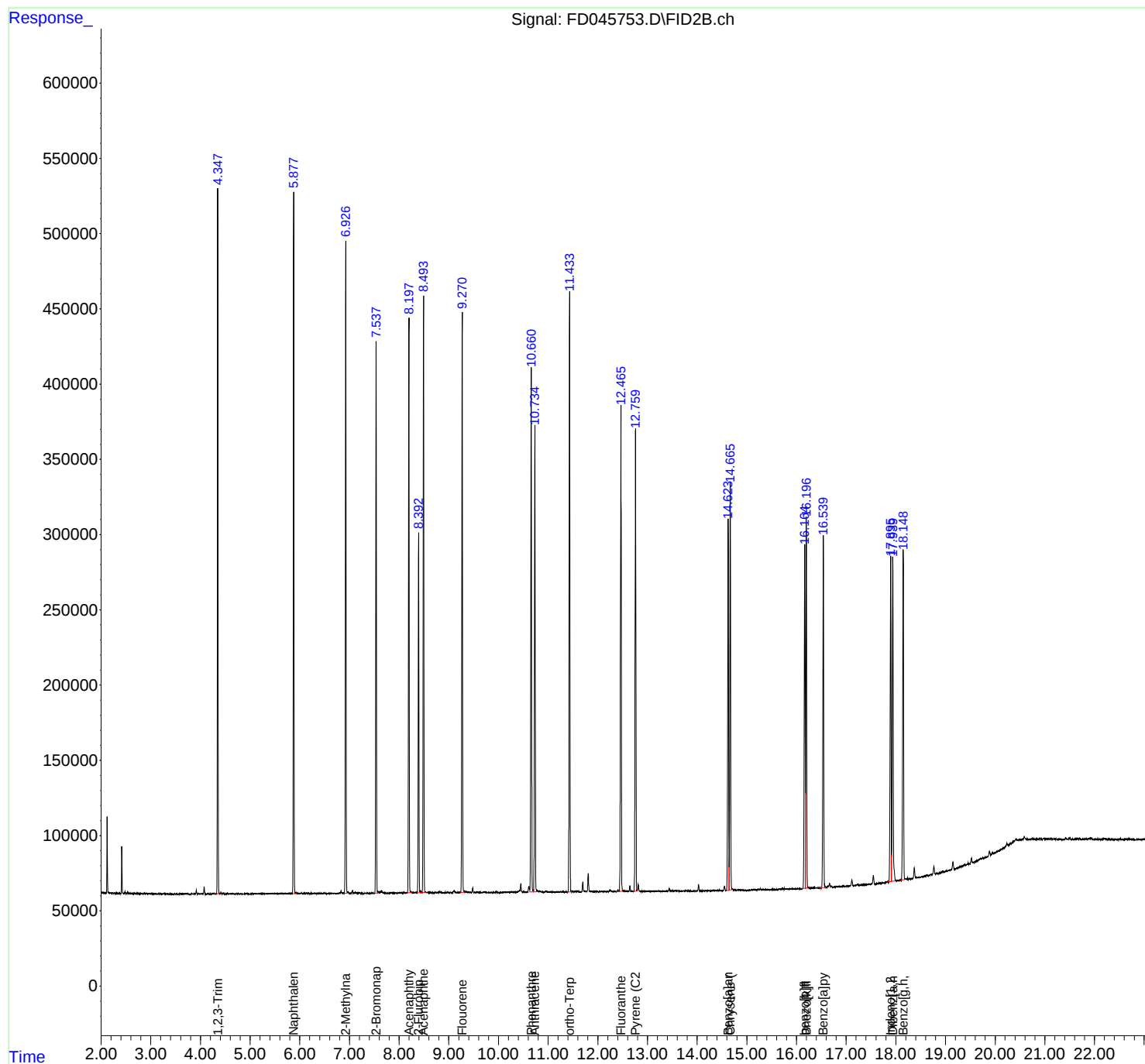
(m)=manual int.

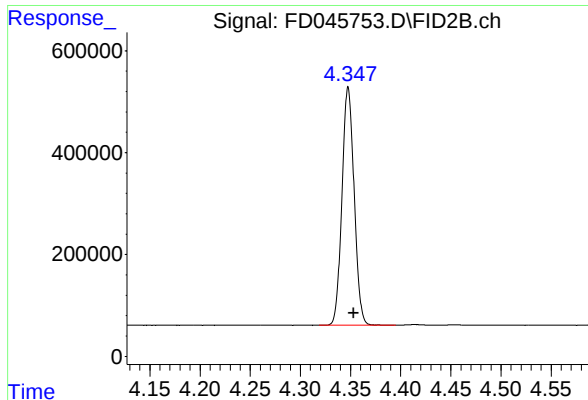
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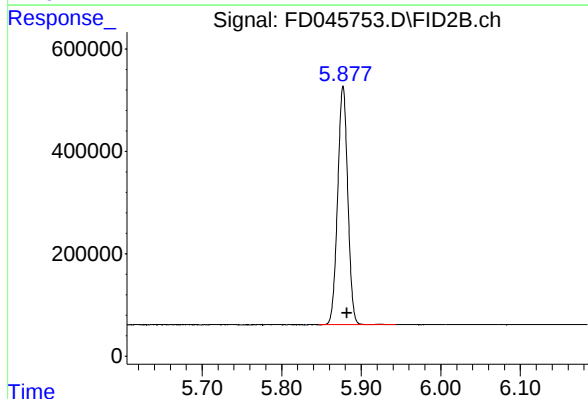




#1 1,2,3-Trimethylbenzene (C10.1)

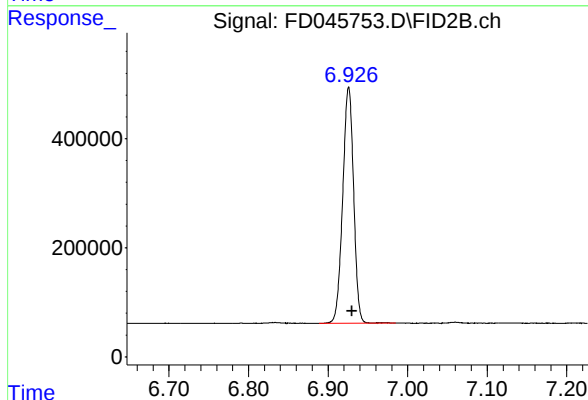
R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 3939474
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



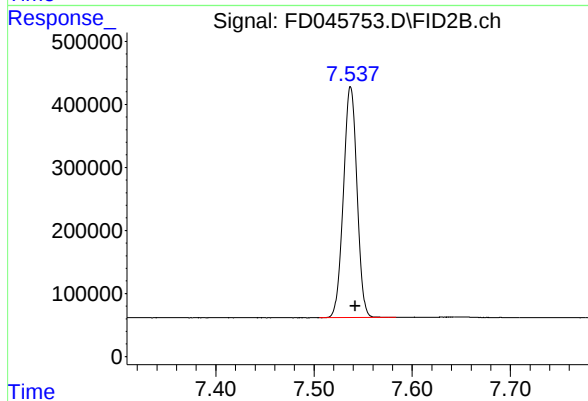
#2 Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.005 min
Response: 4121192
Conc: 20.95 ug/ml



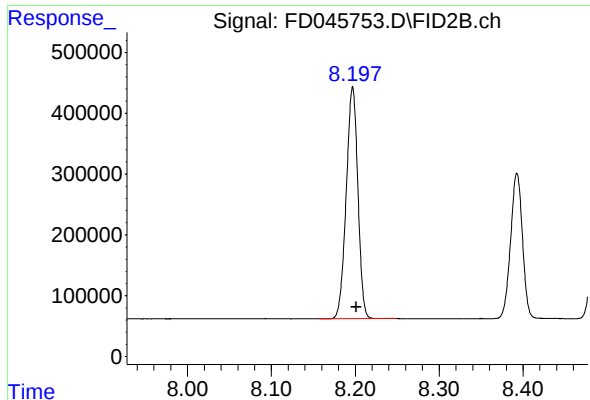
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 4122078
Conc: 20.87 ug/ml



#4 2-Bromonaphthalene (SURR)

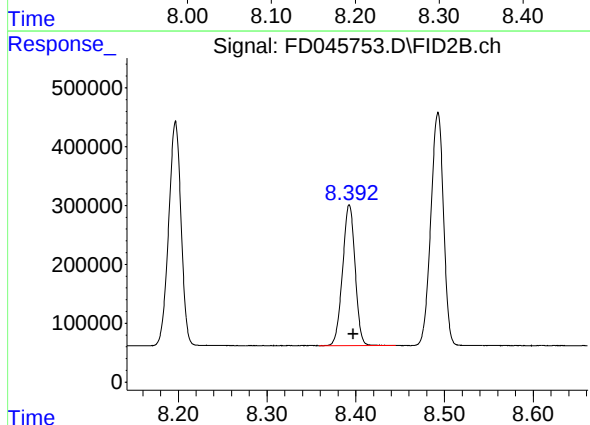
R.T.: 7.537 min
Delta R.T.: -0.005 min
Response: 3519444
Conc: 20.63 ug/ml



#5 Acenaphthylene (C15.06)

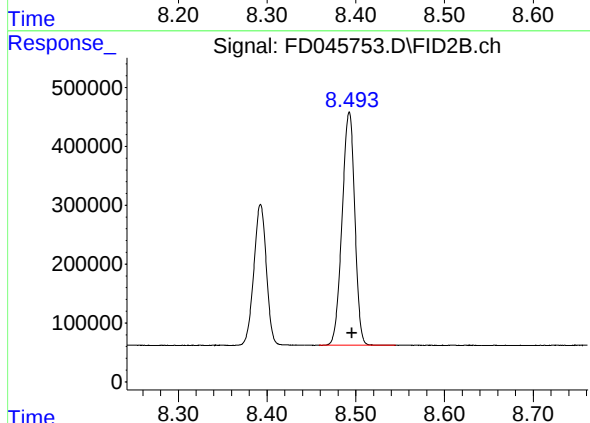
R.T.: 8.197 min
Delta R.T.: -0.004 min
Response: 3684931
Conc: 20.51 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



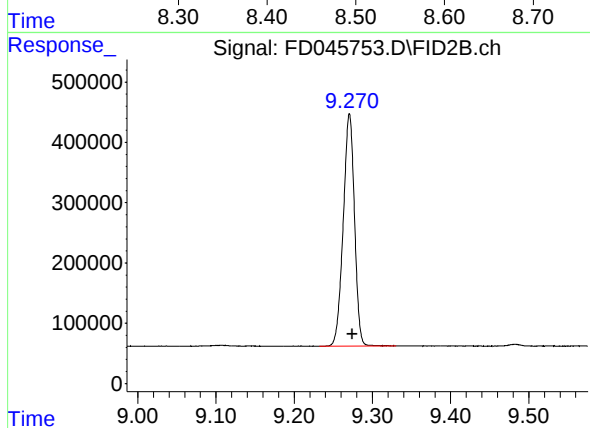
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.393 min
Delta R.T.: -0.004 min
Response: 2345515
Conc: 20.40 ug/ml



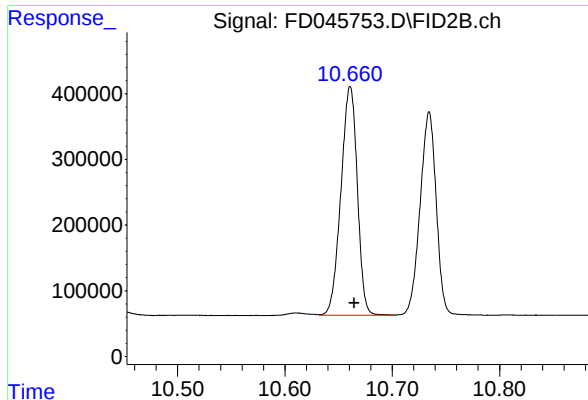
#7 Acenaphthene (C15.5)

R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 3936702
Conc: 20.69 ug/ml



#8 Fluorene (C16.55)

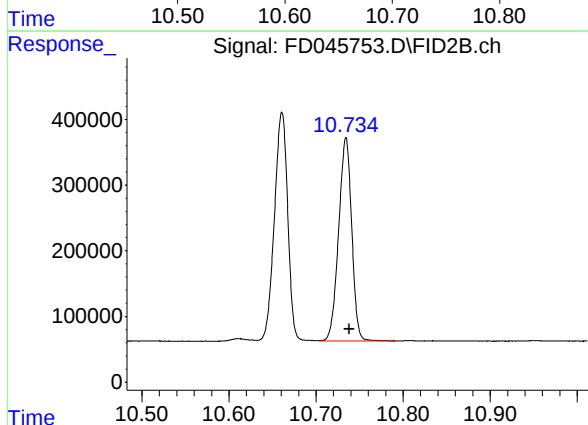
R.T.: 9.271 min
Delta R.T.: -0.004 min
Response: 3850849
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

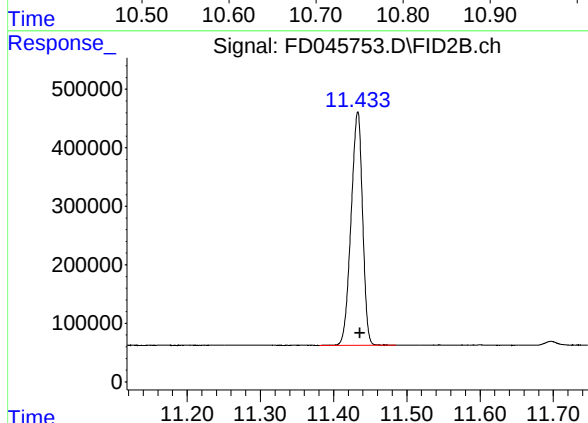
R.T.: 10.661 min
Delta R.T.: -0.004 min
Response: 3705846
Conc: 19.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



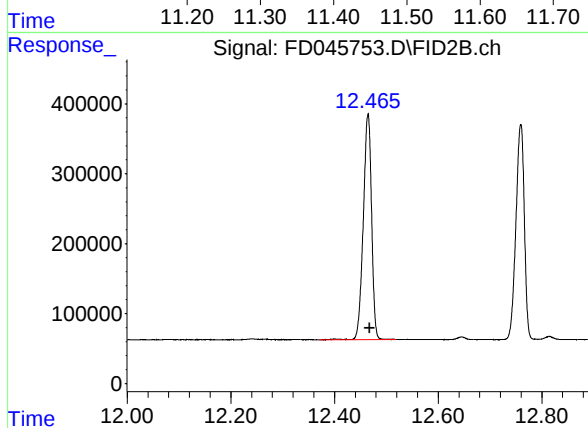
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: -0.004 min
Response: 3232766
Conc: 18.08 ug/ml



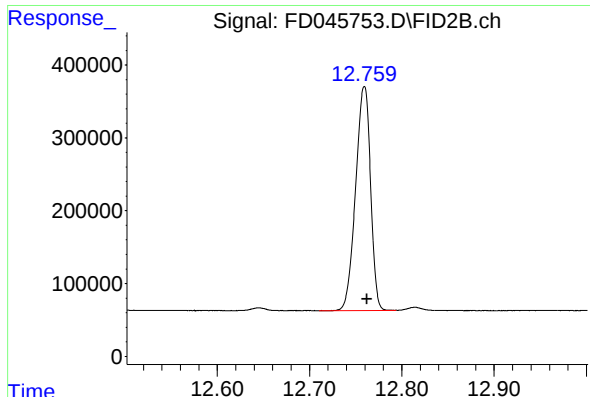
#11 ortho-Terphenyl (SURRE)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 4349009
Conc: 20.60 ug/ml



#12 Fluoranthene (C21.85)

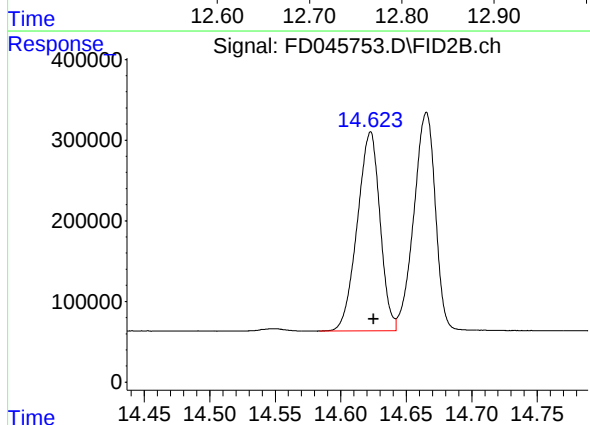
R.T.: 12.464 min
Delta R.T.: -0.004 min
Response: 3582585
Conc: 19.86 ug/ml



#13 Pyrene (C20.8)

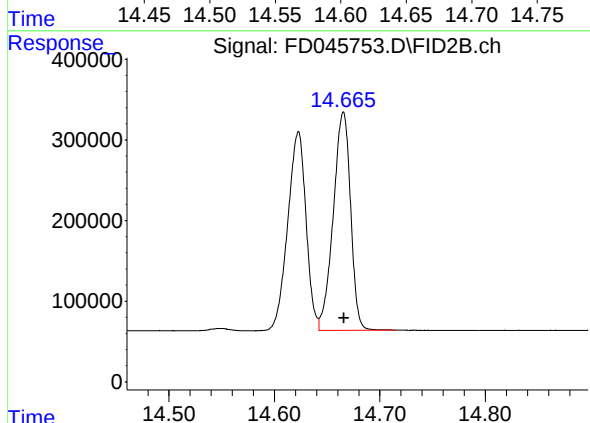
R.T.: 12.759 min
Delta R.T.: -0.003 min
Response: 3455774
Conc: 19.72 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



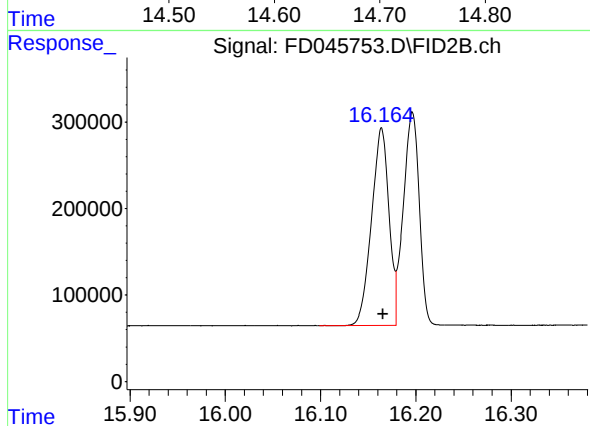
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.622 min
Delta R.T.: -0.003 min
Response: 2979104
Conc: 18.72 ug/ml



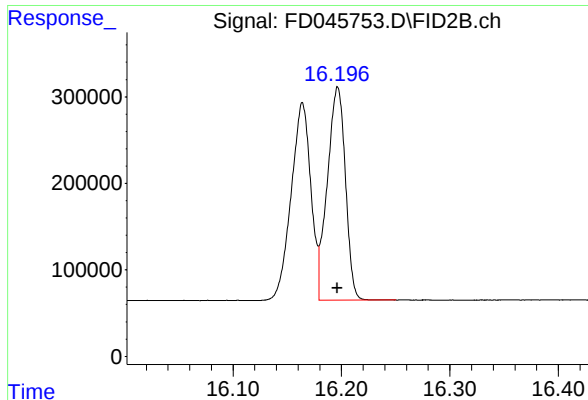
#15 Chrysene (C27.41)

R.T.: 14.665 min
Delta R.T.: -0.001 min
Response: 3091704
Conc: 19.04 ug/ml



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

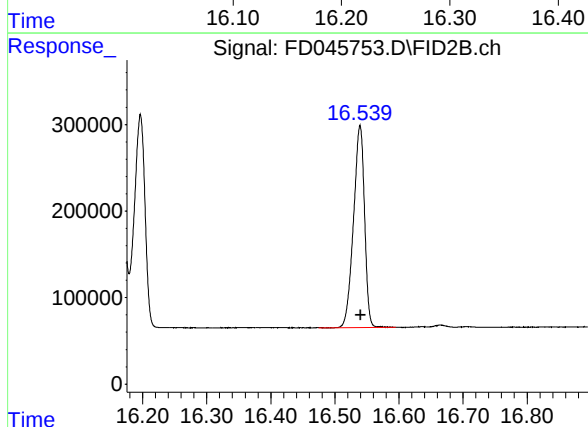
R.T.: 16.164 min
Delta R.T.: -0.002 min
Response: 2884961
Conc: 19.59 ug/ml



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

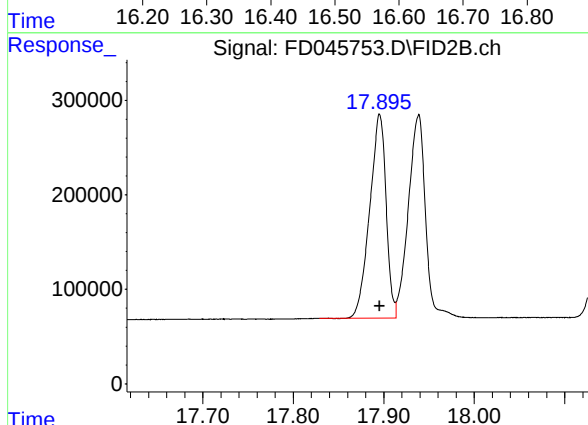
R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 2861016
Conc: 19.79 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



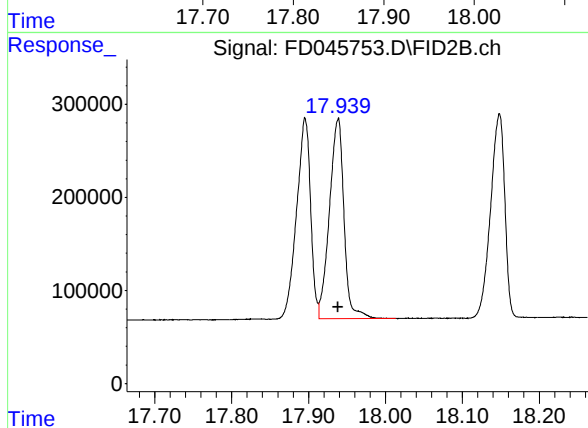
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.539 min
Delta R.T.: -0.002 min
Response: 2790548
Conc: 20.01 ug/ml



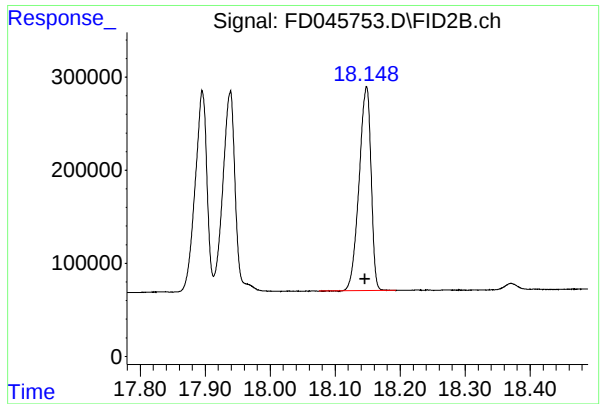
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 2719574
Conc: 21.41 ug/ml



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

R.T.: 17.938 min
Delta R.T.: 0.000 min
Response: 2835055
Conc: 22.07 ug/ml



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

R.T.: 18.148 min

Delta R.T.: 0.002 min

Response: 2810291

Conc: 21.85 ug/ml

Instrument :

FID_D

ClientSampleId :

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