

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045793.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jun 2023 10:59
 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: Jun 07 04:40:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.530	3976497	22.056 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
6) S 2-Fluorobiphenyl (SURR)	8.385	2626001	21.842 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.68%
11) S ortho-Terphenyl (SURR)	11.425	4822985	21.592 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.339	4545504	22.516 ug/ml
2) T Naphthalene (C11.7)	5.869	4676557	22.070 ug/ml
3) T 2-Methylnaphthalene (...)	6.918	4658381	22.056 ug/ml
5) T Acenaphthylene (C15.06)	8.189	4171984	22.020 ug/ml
7) T Acenaphthene (C15.5)	8.485	4437681	21.949 ug/ml
8) T Fluorene (C16.55)	9.263	4307679	21.741 ug/ml
9) T Phenanthrene (C19.36)	10.653	4074122	21.296 ug/ml
10) T Anthracene (C19.43)	10.727	3507531	20.590 ug/ml
12) T Fluoranthene (C21.85)	12.457	3908651	21.157 ug/ml
13) T Pyrene (C20.8)	12.751	3769174	21.104 ug/ml
14) T Benzo[a]anthracene (C...	14.615	3175168	20.280 ug/ml
15) T Chrysene (C27.41)	14.657	3330235	20.186 ug/ml
16) T benzo[b]fluoranthene ...	16.156	3108298	20.537 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	3073548	19.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	3010656	20.587 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	2977077	20.326 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	3100893	20.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	3108911	21.070 ug/ml

(f)=RT Delta > 1/2 Window

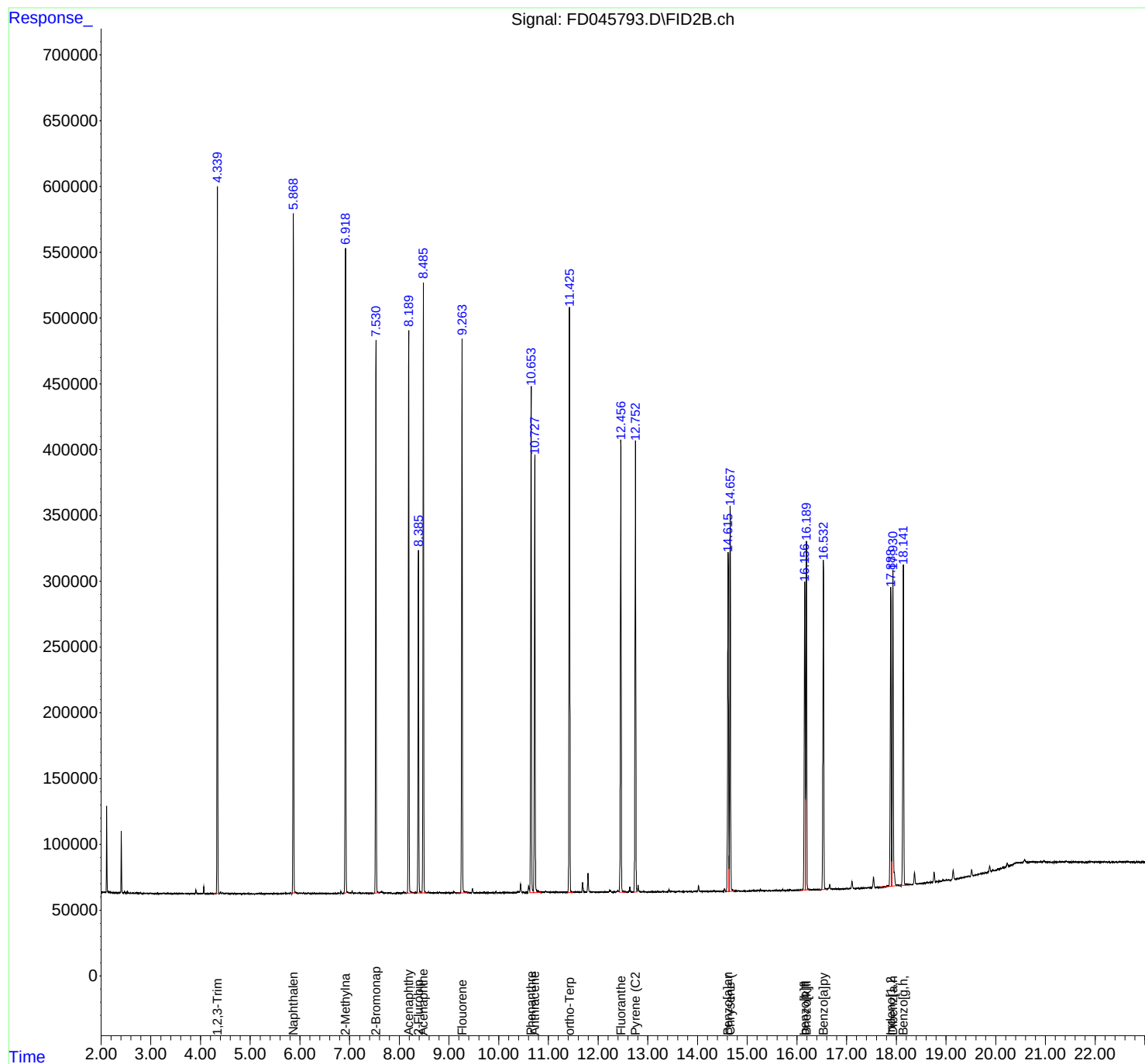
(m)=manual int.

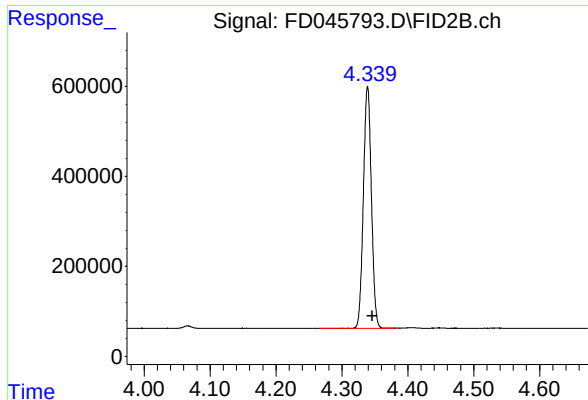
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Signal Info : 20M x 0.18mm x 0.18µm

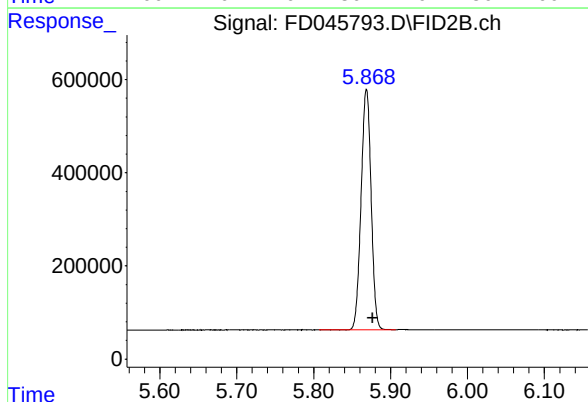




#1 1,2,3-Trimethylbenzene (C10.1)

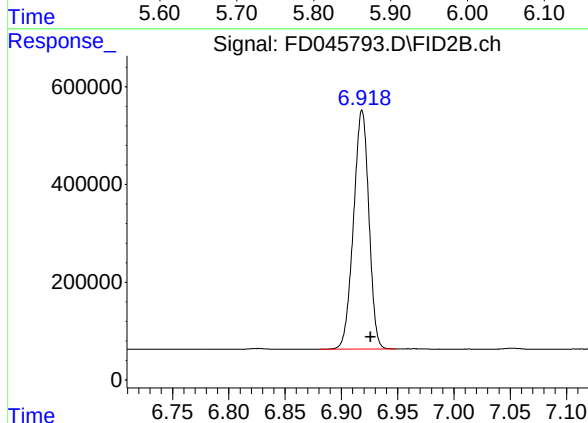
R.T.: 4.339 min
Delta R.T.: -0.007 min
Response: 4545504
Conc: 22.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



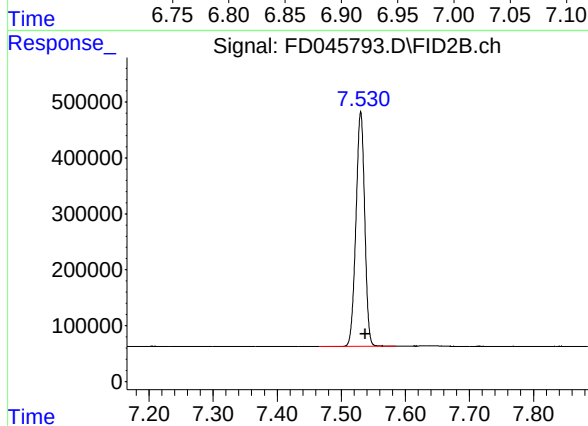
#2 Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: -0.008 min
Response: 4676557
Conc: 22.07 ug/ml



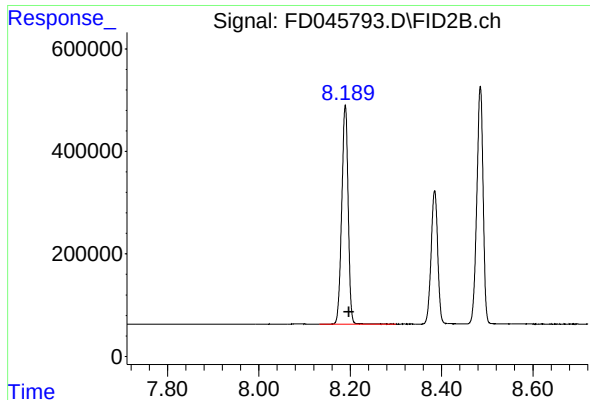
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.918 min
Delta R.T.: -0.008 min
Response: 4658381
Conc: 22.06 ug/ml



#4 2-Bromonaphthalene (SURR)

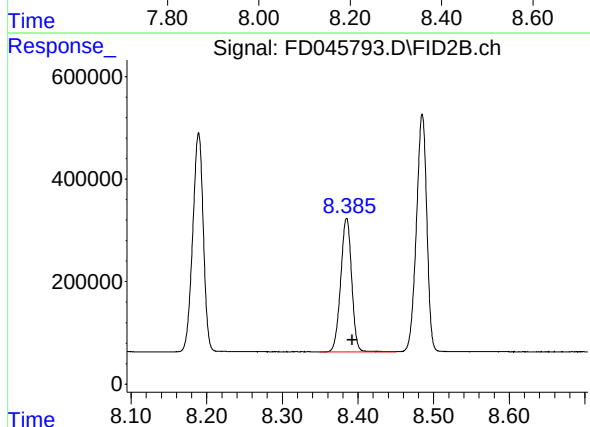
R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 3976497
Conc: 22.06 ug/ml



#5 Acenaphthylene (C15.06)

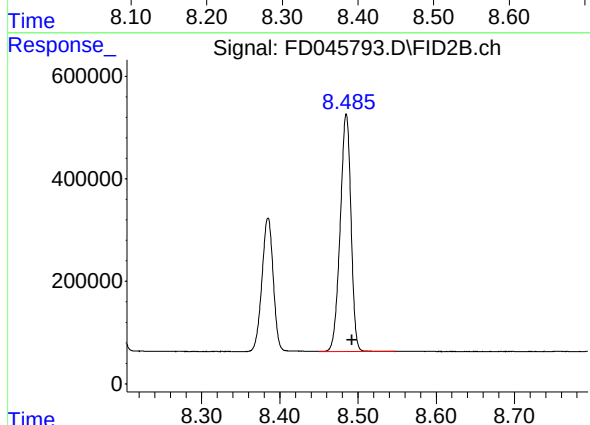
R.T.: 8.189 min
Delta R.T.: -0.008 min
Response: 4171984
Conc: 22.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



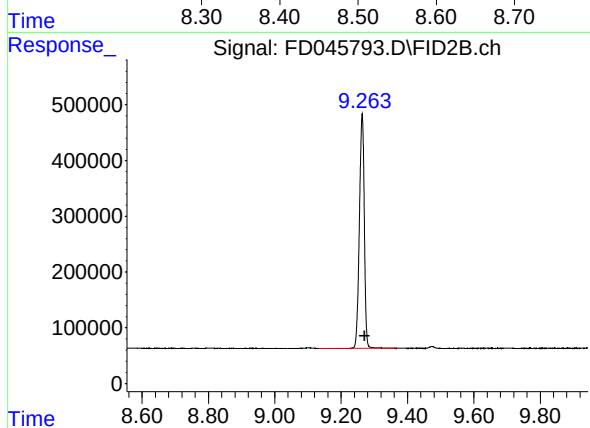
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 2626001
Conc: 21.84 ug/ml



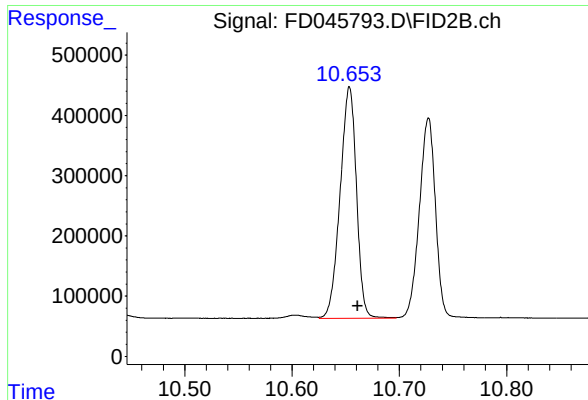
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.008 min
Response: 4437681
Conc: 21.95 ug/ml



#8 Fluorene (C16.55)

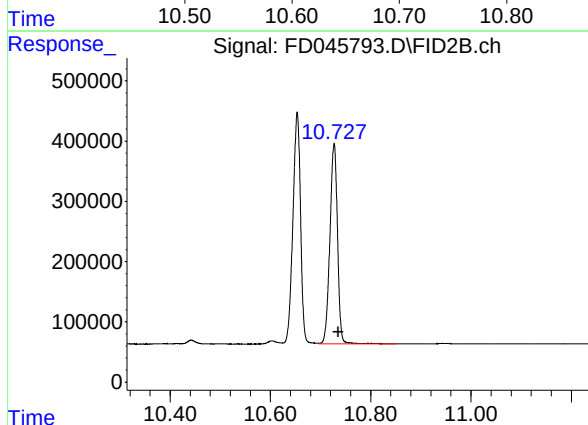
R.T.: 9.263 min
Delta R.T.: -0.007 min
Response: 4307679
Conc: 21.74 ug/ml



#9 Phenanthrene (C19.36)

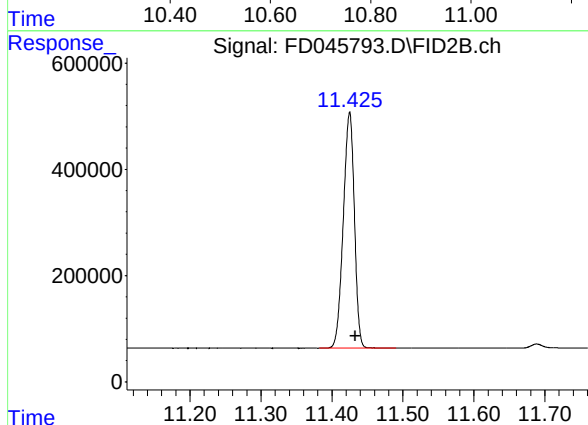
R.T.: 10.653 min
Delta R.T.: -0.008 min
Response: 4074122
Conc: 21.30 ug/ml

Instrument :
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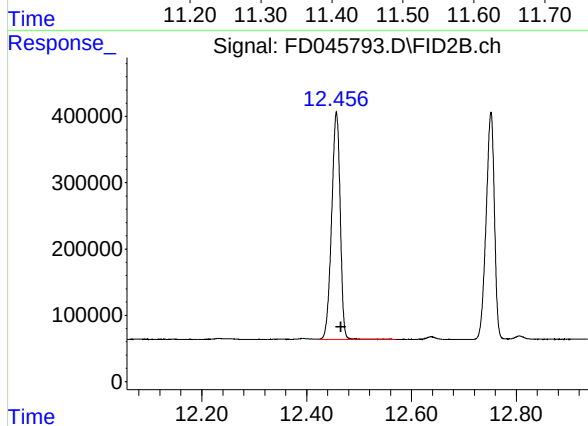
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.008 min
Response: 3507531
Conc: 20.59 ug/ml



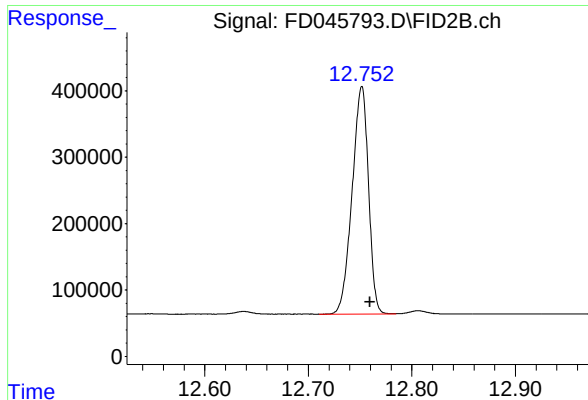
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.008 min
Response: 4822985
Conc: 21.59 ug/ml



#12 Fluoranthene (C21.85)

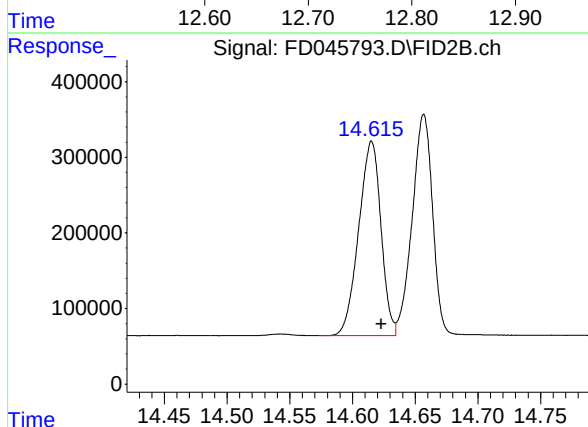
R.T.: 12.457 min
Delta R.T.: -0.008 min
Response: 3908651
Conc: 21.16 ug/ml



#13 Pyrene (C20.8)

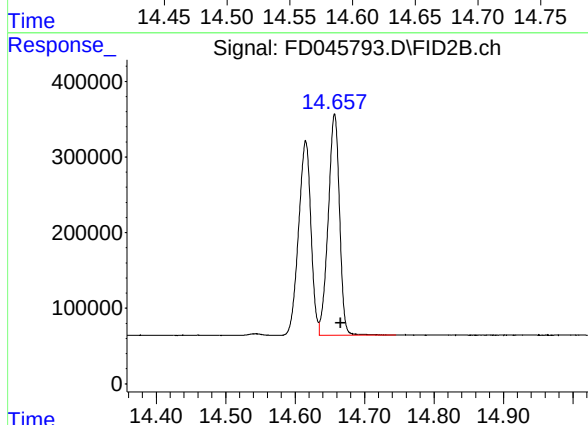
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 3769174
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



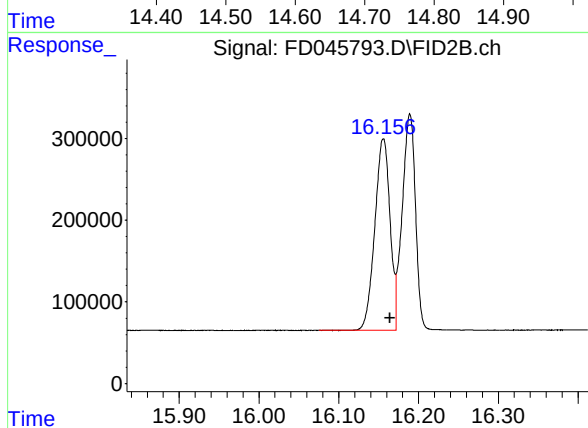
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 3175168
Conc: 20.28 ug/ml



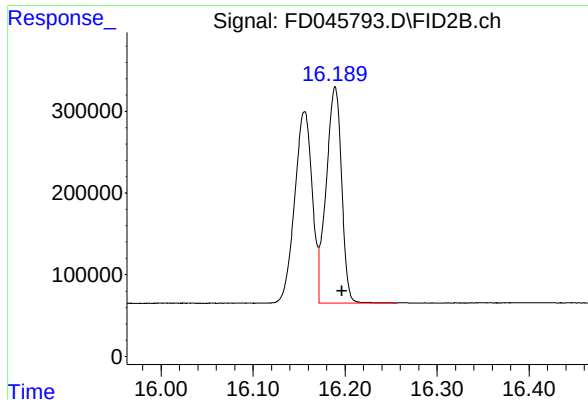
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: -0.009 min
Response: 3330235
Conc: 20.19 ug/ml



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

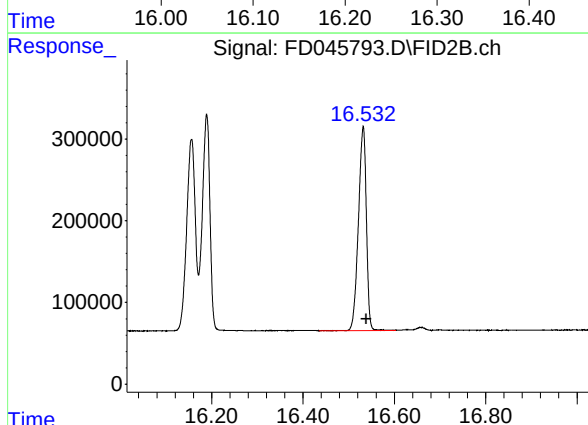
R.T.: 16.156 min
Delta R.T.: -0.009 min
Response: 3108298
Conc: 20.54 ug/ml



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

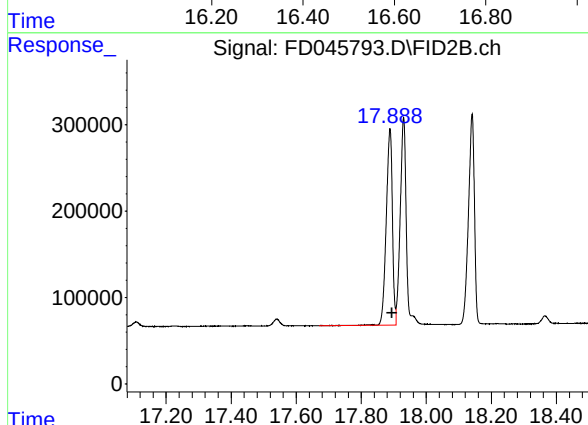
R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 3073548
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



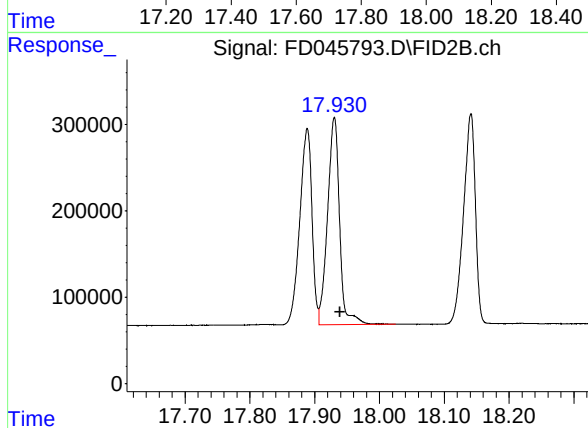
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.531 min
Delta R.T.: -0.008 min
Response: 3010656
Conc: 20.59 ug/ml



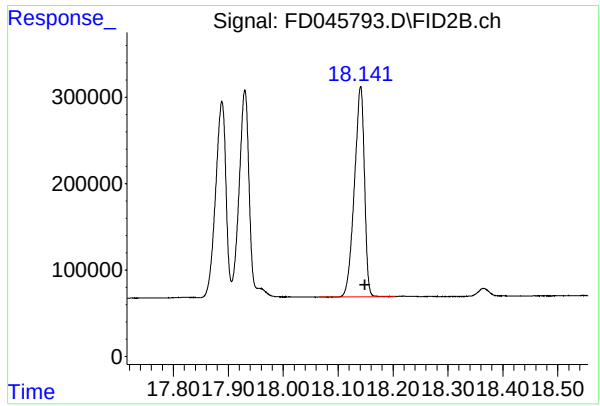
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 2977077
Conc: 20.33 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 3100893
Conc: 20.67 ug/ml



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

R.T.: 18.141 min

Delta R.T.: -0.008 min

Response: 3108911

Conc: 21.07 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD