

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045194.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 11:31
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 12:14:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 12:12:49 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...	7.552	2633723	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.408	1751713	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.448	3233174	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2944435	20.000 ug/ml
2) T Naphthalene (C11.7)	5.892	3073707	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3086780	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2795034	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.507	2960677	20.000 ug/ml
8) T Flouorene (C16.55)	9.285	2873918	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.676	2780302	20.000 ug/ml
10) T Anthracene (C19.43)	10.750	2728277	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.481	2713965	20.000 ug/ml
13) T Pyrene (C20.8)	12.776	2656478	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.640	2485822	20.000 ug/ml
15) T Chrysene (C27.41)	14.683	2537928	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2518386	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	2457385	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2454100	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	2345463	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	2375957	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	2429088	20.000 ug/ml

(f)=RT Delta > 1/2 Window

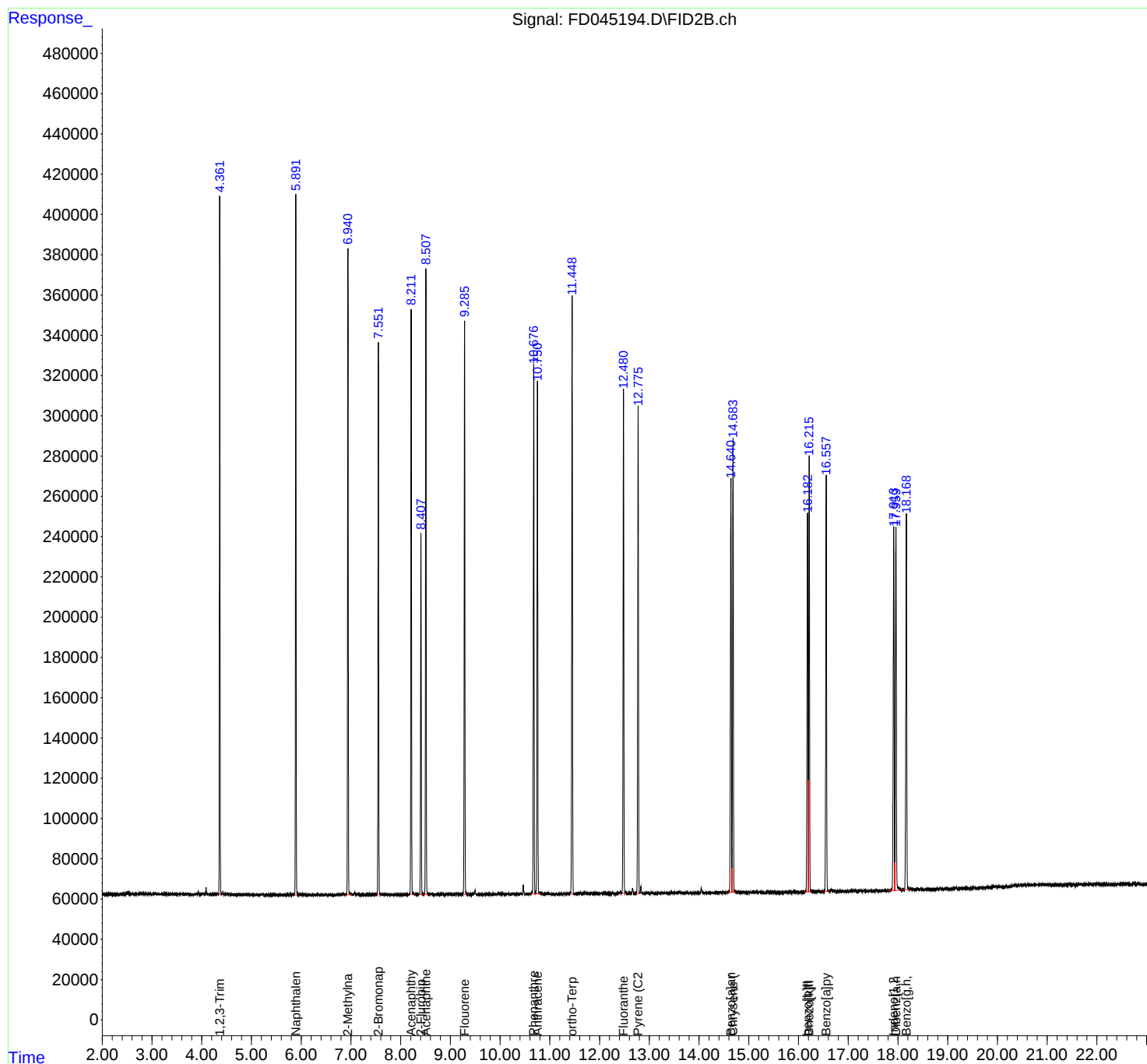
(m)=manual int.

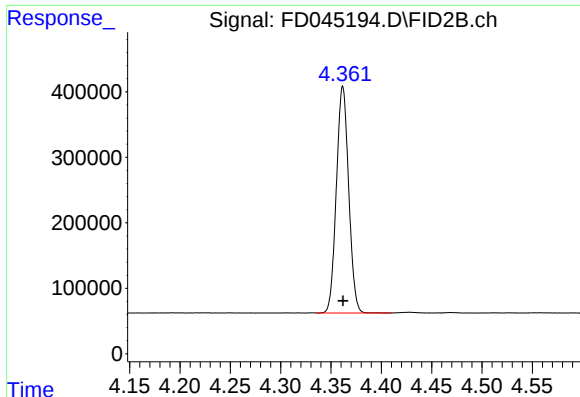
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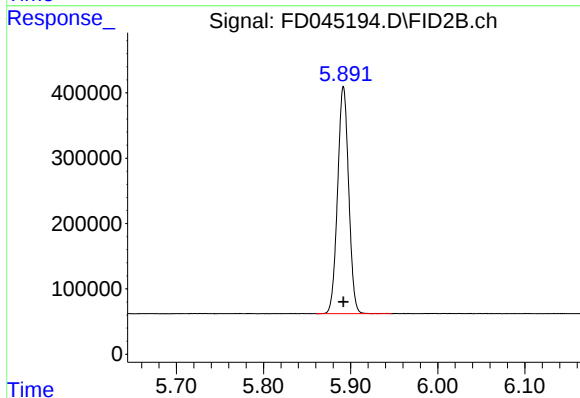




#1 1,2,3-Trimethylbenzene (C10.1)

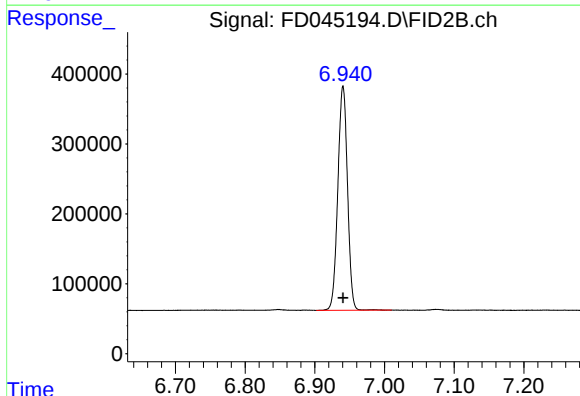
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 2944435
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



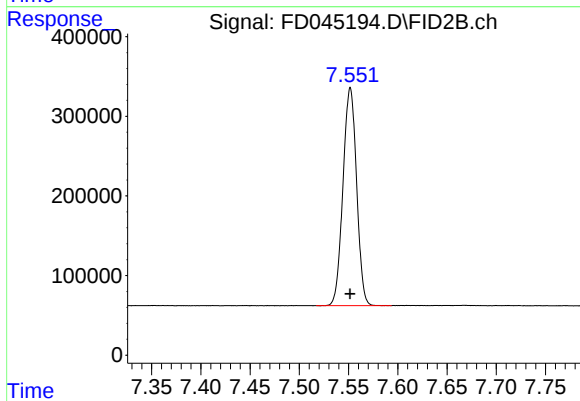
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 3073707
Conc: 20.00 ug/ml



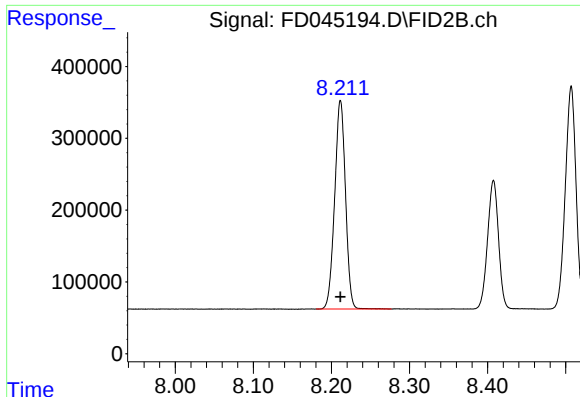
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3086780
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

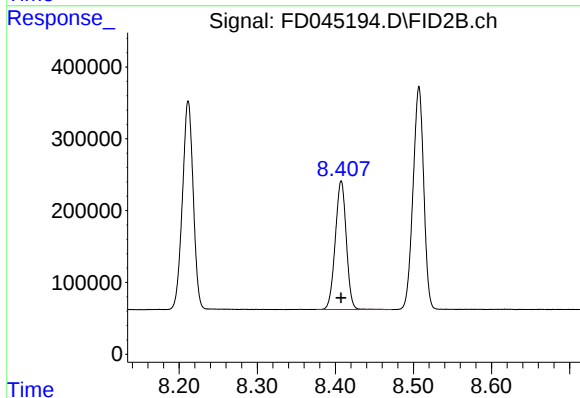
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2633723
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

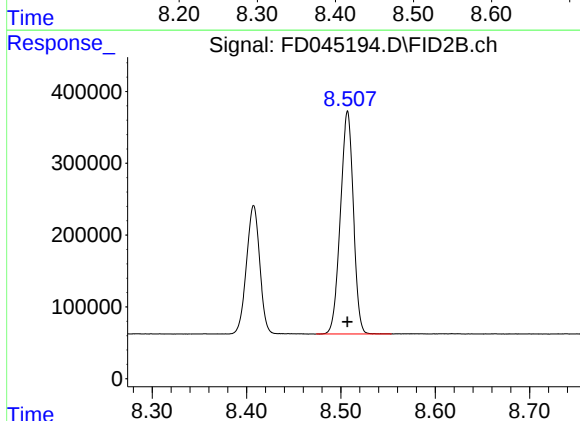
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2795034
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



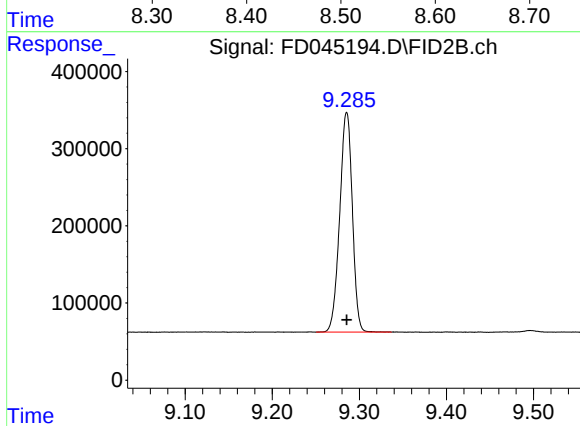
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1751713
Conc: 20.00 ug/ml



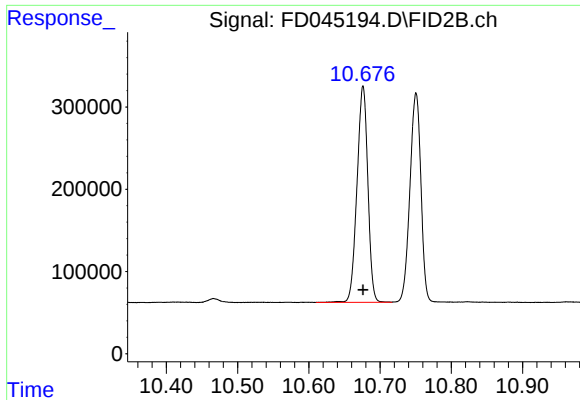
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2960677
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

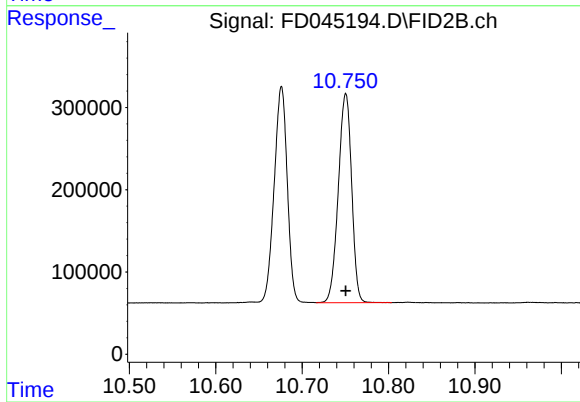
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 2873918
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

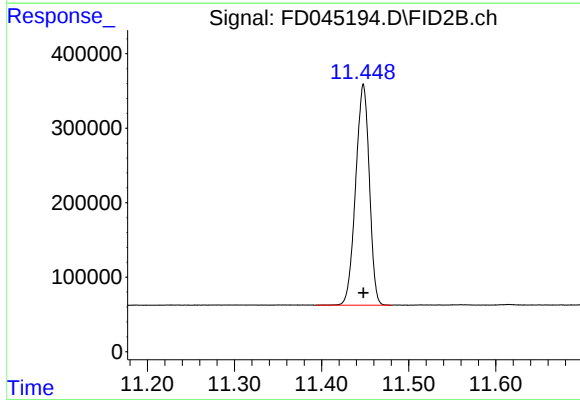
R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 2780302
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



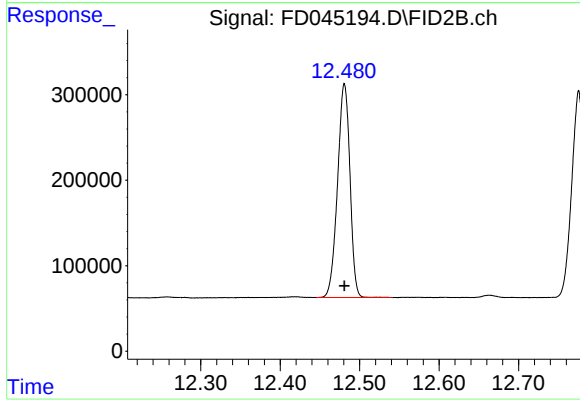
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2728277
Conc: 20.00 ug/ml



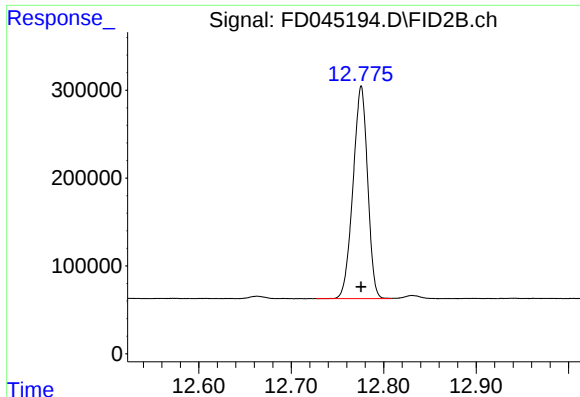
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3233174
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

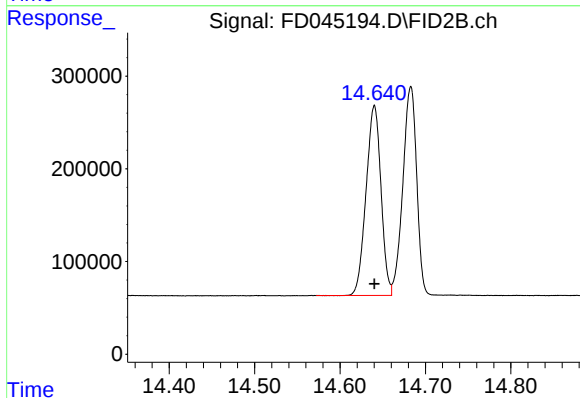
R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 2713965
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

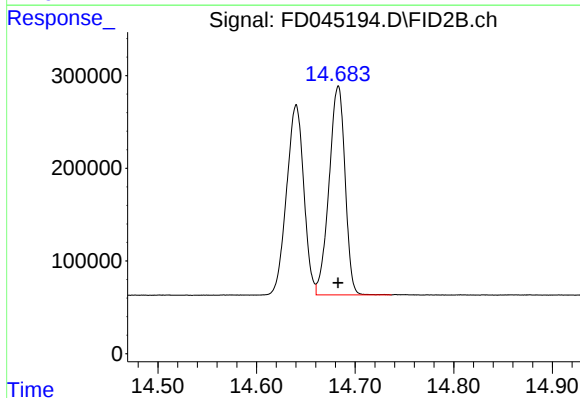
R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2656478
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



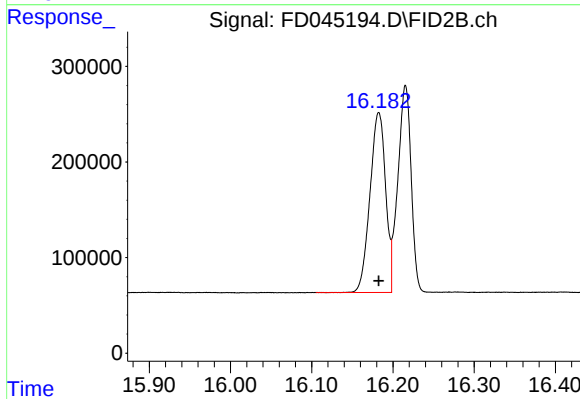
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 2485822
Conc: 20.00 ug/ml



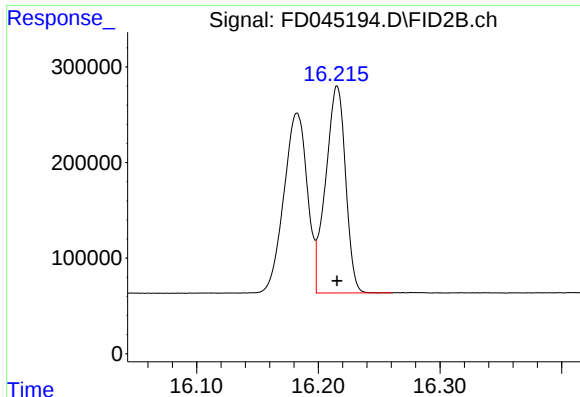
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.000 min
Response: 2537928
Conc: 20.00 ug/ml



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

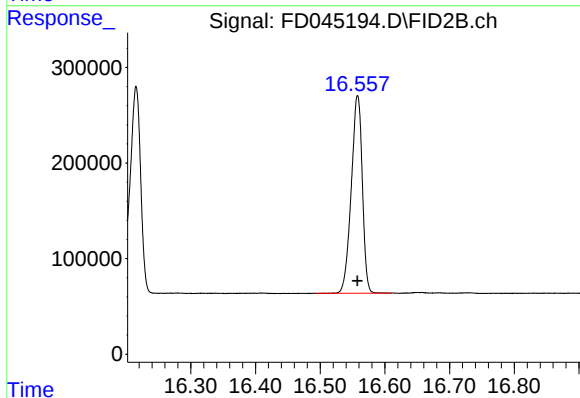
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 2518386
Conc: 20.00 ug/ml



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

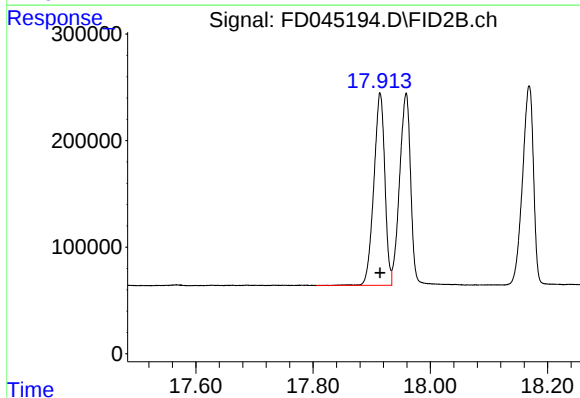
R.T.: 16.215 min
Delta R.T.: 0.000 min
Response: 2457385
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



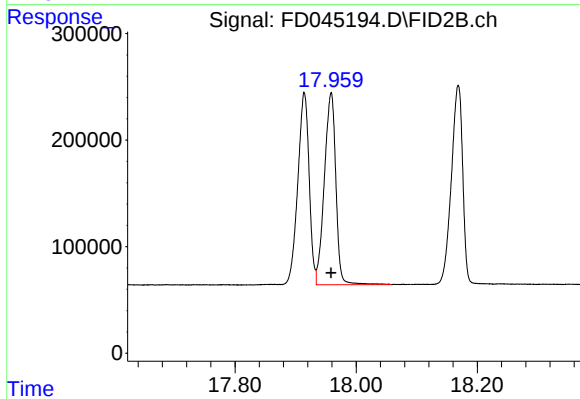
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.000 min
Response: 2454100
Conc: 20.00 ug/ml



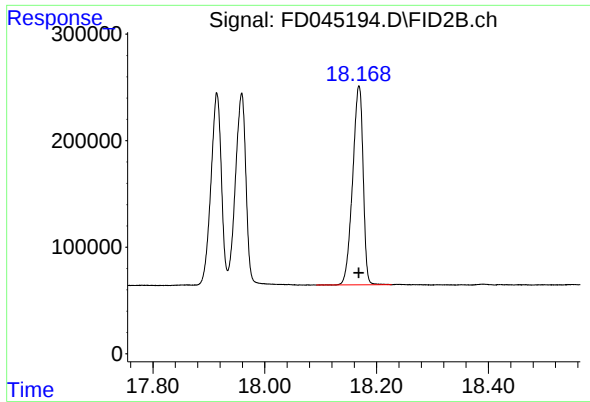
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.000 min
Response: 2345463
Conc: 20.00 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 2375957
Conc: 20.00 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 2429088
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :