

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
 Data File : FD045600.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2023 16:28
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 18:05:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:04:52 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...	7.542	1877291	10.709 ug/ml
Spiked Amount 50.000		Recovery =	21.42%
6) S 2-Fluorobiphenyl (SURR)	8.397	1262867	10.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.36%
11) S ortho-Terphenyl (SURR)	11.437	2316314	10.730 ug/ml
Spiked Amount 50.000		Recovery =	21.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	2059728	10.758 ug/ml
2) T Naphthalene (C11.7)	5.882	2164761	10.710 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	2180050	10.744 ug/ml
5) T Acenaphthylene (C15.06)	8.202	1988671	10.707 ug/ml
7) T Acenaphthene (C15.5)	8.497	2089600	10.689 ug/ml
8) T Flouorene (C16.55)	9.275	2078172	10.713 ug/ml
9) T Phenanthrene (C19.36)	10.666	2044177	10.770 ug/ml
10) T Anthracene (C19.43)	10.740	1962836	10.759 ug/ml
12) T Fluoranthene (C21.85)	12.469	1988664	10.842 ug/ml
13) T Pyrene (C20.8)	12.765	1923290	10.737 ug/ml
14) T Benzo[a]anthracene (C...	14.628	1739035	10.737 ug/ml
15) T Chrysene (C27.41)	14.669	1781084	10.793 ug/ml
16) T benzo[b]fluoranthene ...	16.168	1599987	10.722 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	1587029	10.792 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	1520174	10.788 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	1366750	10.756 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	1413371	10.936 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	1405874	10.911 ug/ml

(f)=RT Delta > 1/2 Window

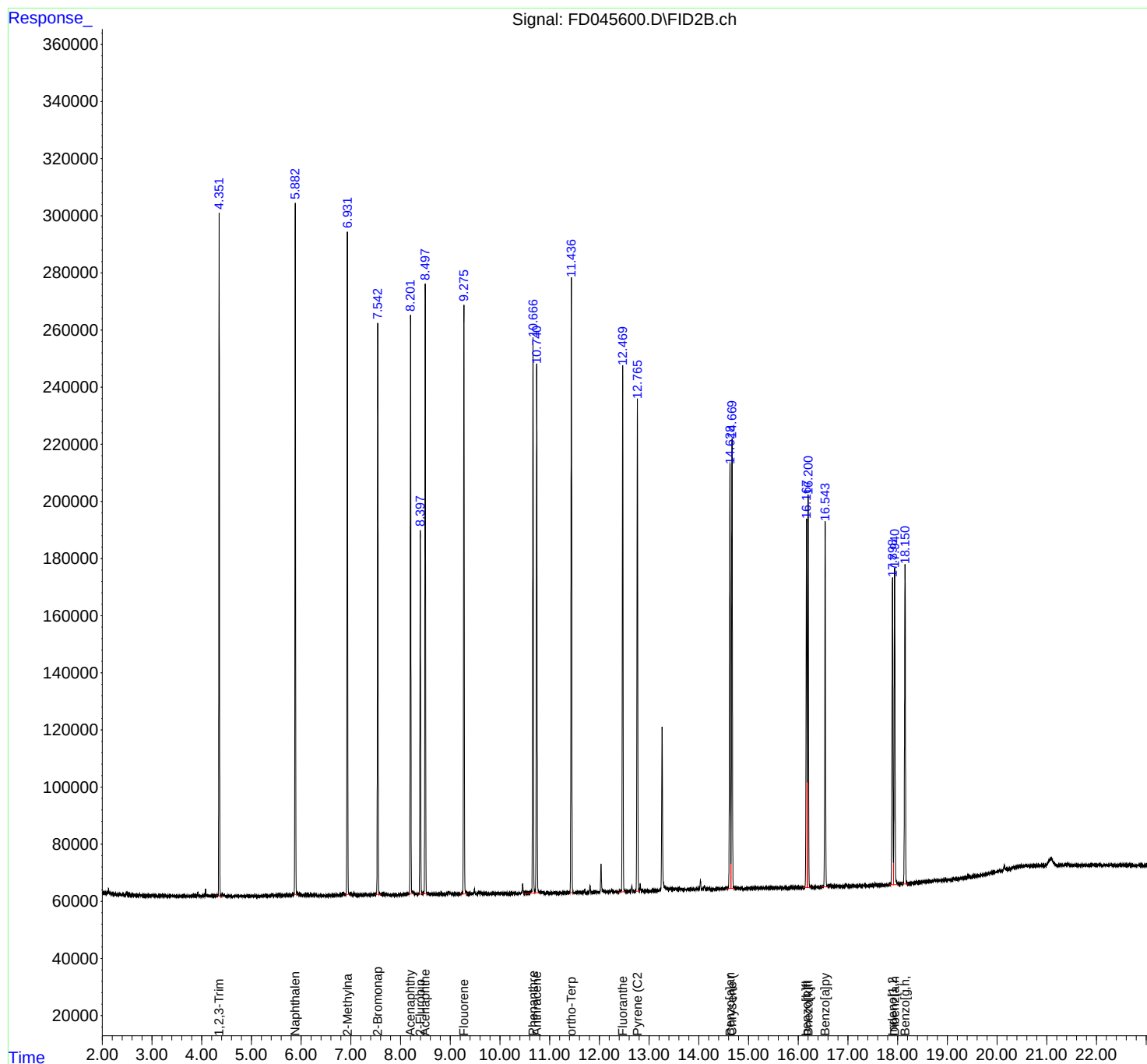
(m)=manual int.

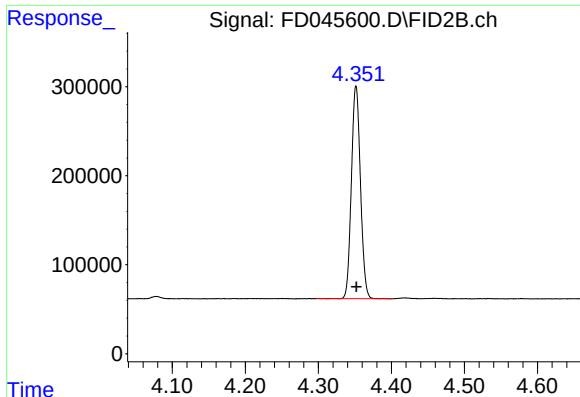
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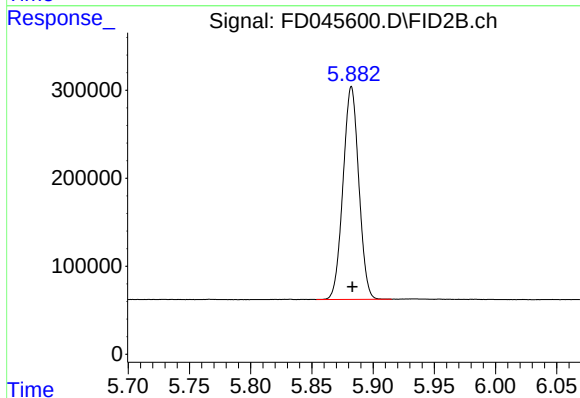




#1 1,2,3-Trimethylbenzene (C10.1)

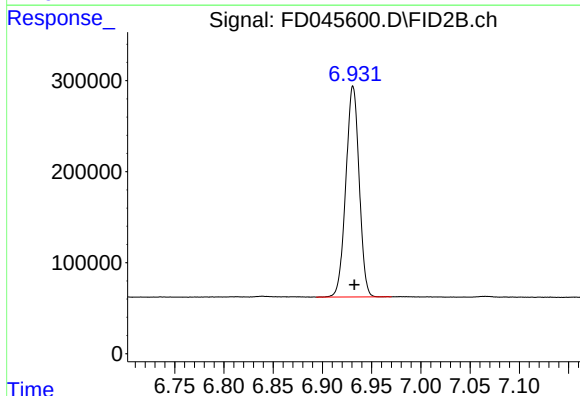
R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 2059728
Conc: 10.76 ug/ml

Instrument :
FID_D
ClientSampleId :



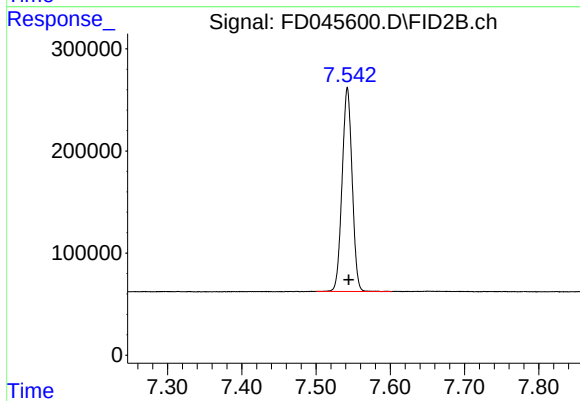
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 2164761
Conc: 10.71 ug/ml



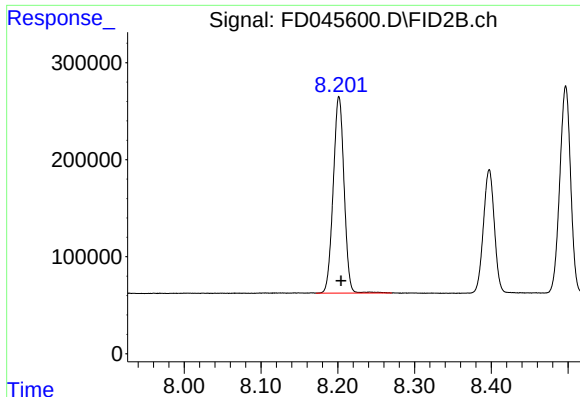
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 2180050
Conc: 10.74 ug/ml



#4 2-Bromonaphthalene (SURR)

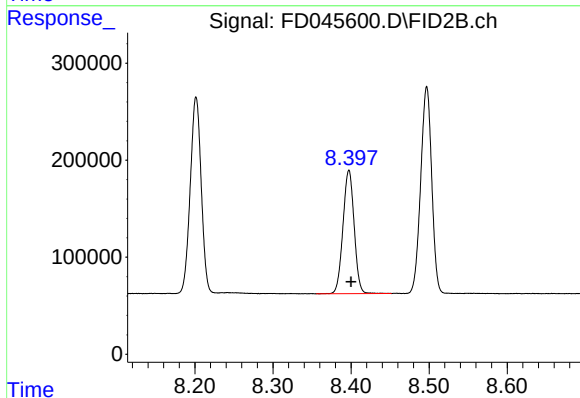
R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 1877291
Conc: 10.71 ug/ml



#5 Acenaphthylene (C15.06)

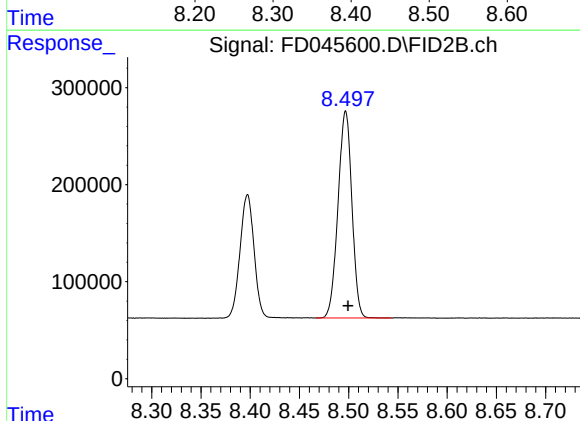
R.T.: 8.202 min
Delta R.T.: -0.003 min
Response: 1988671
Conc: 10.71 ug/ml

Instrument :
FID_D
ClientSampleId :



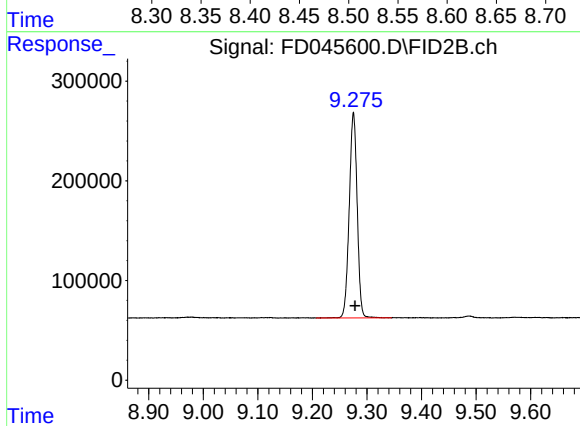
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: -0.003 min
Response: 1262867
Conc: 10.68 ug/ml



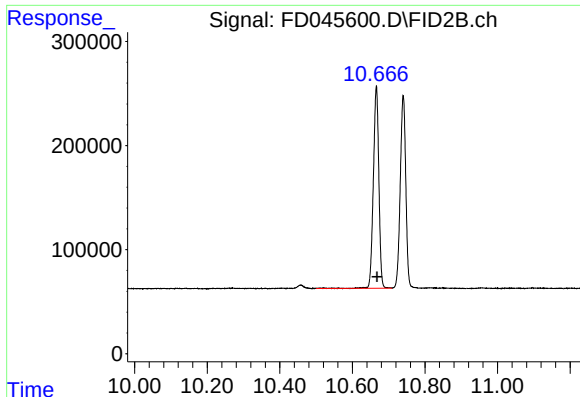
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 2089600
Conc: 10.69 ug/ml



#8 Fluorene (C16.55)

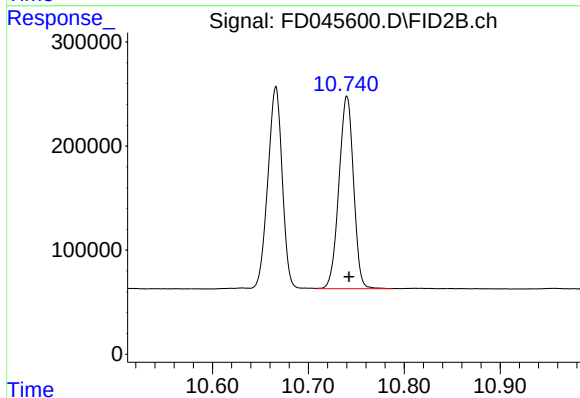
R.T.: 9.275 min
Delta R.T.: -0.003 min
Response: 2078172
Conc: 10.71 ug/ml



#9 Phenanthrene (C19.36)

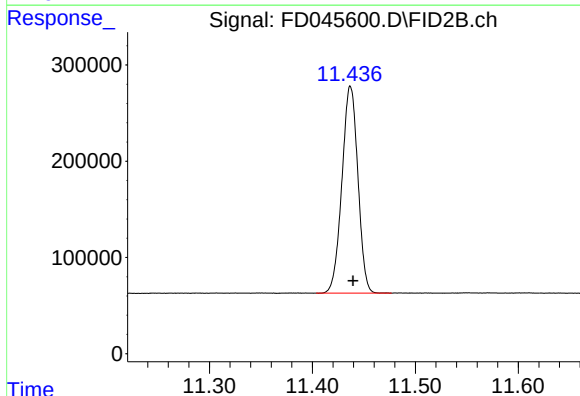
R.T.: 10.666 min
Delta R.T.: -0.003 min
Response: 2044177
Conc: 10.77 ug/ml

Instrument :
FID_D
ClientSampleId :



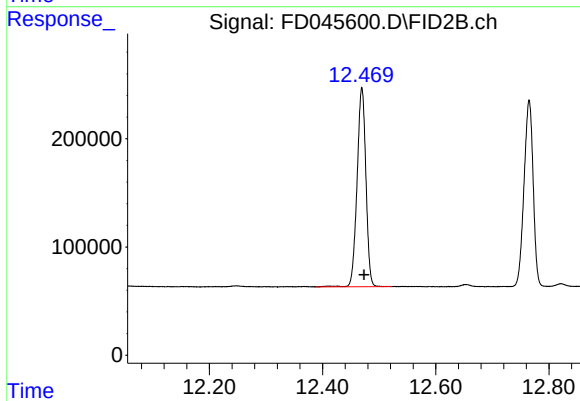
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: -0.002 min
Response: 1962836
Conc: 10.76 ug/ml



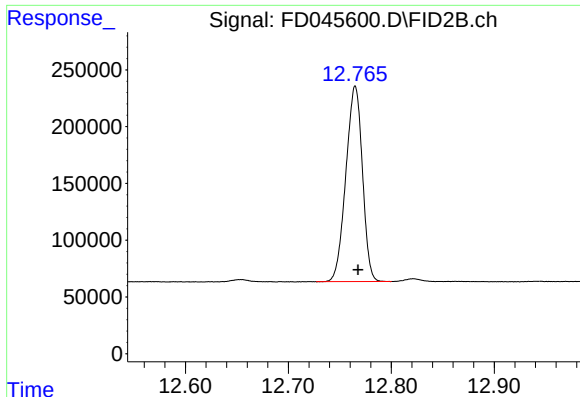
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: -0.003 min
Response: 2316314
Conc: 10.73 ug/ml



#12 Fluoranthene (C21.85)

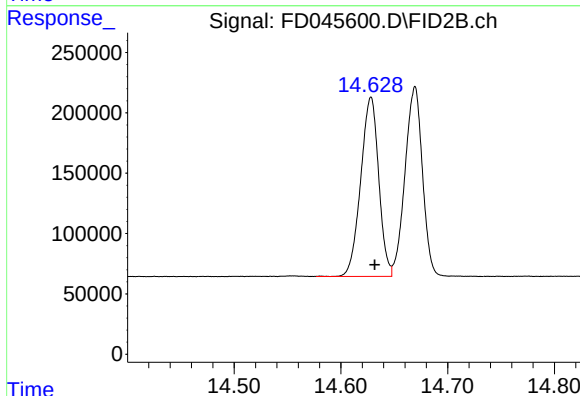
R.T.: 12.469 min
Delta R.T.: -0.004 min
Response: 1988664
Conc: 10.84 ug/ml



#13 Pyrene (C20.8)

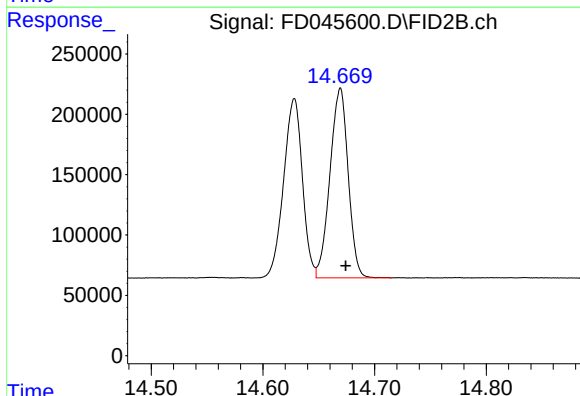
R.T.: 12.765 min
Delta R.T.: -0.003 min
Response: 1923290
Conc: 10.74 ug/ml

Instrument :
FID_D
ClientSampleId :



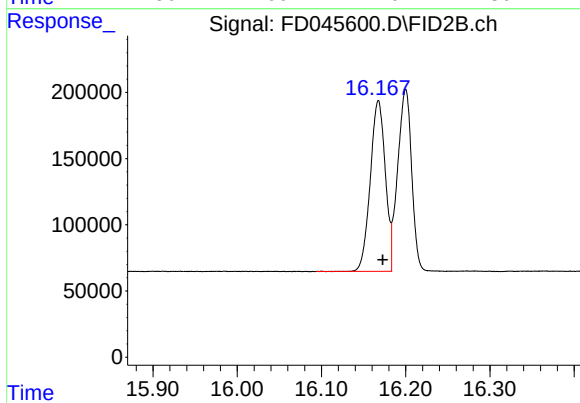
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.004 min
Response: 1739035
Conc: 10.74 ug/ml



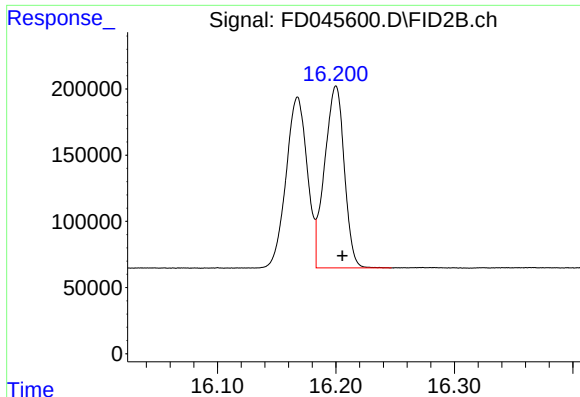
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.005 min
Response: 1781084
Conc: 10.79 ug/ml



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

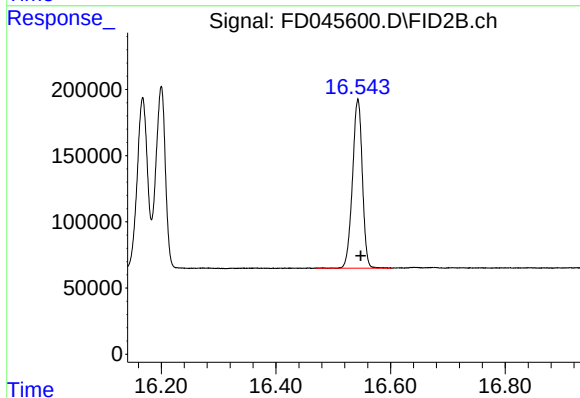
R.T.: 16.168 min
Delta R.T.: -0.005 min
Response: 1599987
Conc: 10.72 ug/ml



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

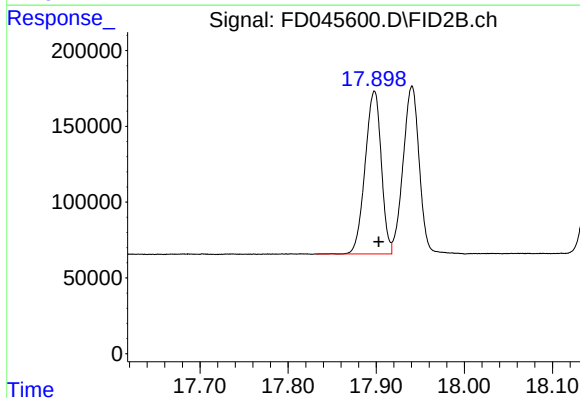
R.T.: 16.200 min
Delta R.T.: -0.006 min
Response: 1587029
Conc: 10.79 ug/ml

Instrument :
FID_D
ClientSampleId :



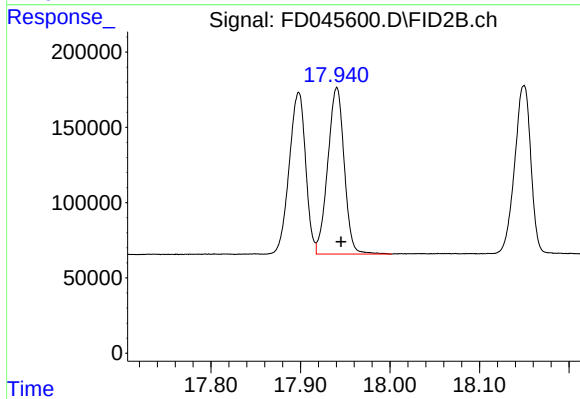
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: -0.005 min
Response: 1520174
Conc: 10.79 ug/ml



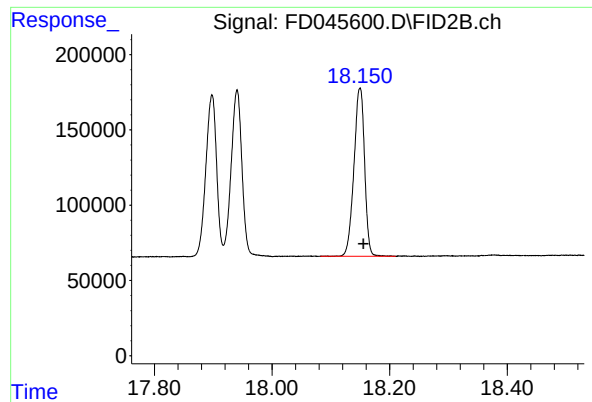
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: -0.005 min
Response: 1366750
Conc: 10.76 ug/ml



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

R.T.: 17.940 min
Delta R.T.: -0.005 min
Response: 1413371
Conc: 10.94 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.006 min
Response: 1405874
Conc: 10.91 ug/ml

Instrument :

FID_D

ClientSampleId :