

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045202.D
 Signal(s) : FID2B.ch
 Acq On : 02 Mar 2023 12:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 00:18:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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	2693134	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
6) S 2-Fluorobiphenyl (SURR)	8.408	1777244	19.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.70%
11) S ortho-Terphenyl (SURR)	11.449	3291889	19.777 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	3024103	19.968 ug/ml
2) T Naphthalene (C11.7)	5.893	3154574	19.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3143018	19.778 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2855879	19.917 ug/ml
7) T Acenaphthene (C15.5)	8.508	3015664	19.896 ug/ml
8) T Fluorene (C16.55)	9.287	2903908	19.724 ug/ml
9) T Phenanthrene (C19.36)	10.677	2810644	19.686 ug/ml
10) T Anthracene (C19.43)	10.751	2719607	19.408 ug/ml
12) T Fluoranthene (C21.85)	12.482	2751739	19.699 ug/ml
13) T Pyrene (C20.8)	12.777	2695008	19.790 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2486772	19.508 ug/ml
15) T Chrysene (C27.41)	14.684	2552950	19.589 ug/ml
16) T benzo[b]fluoranthene ...	16.185	2537155	19.680 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	2495378	19.768 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	2472972	19.649 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	2299746	19.224 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	2273553	18.849 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	2423949	19.481 ug/ml

(f)=RT Delta > 1/2 Window

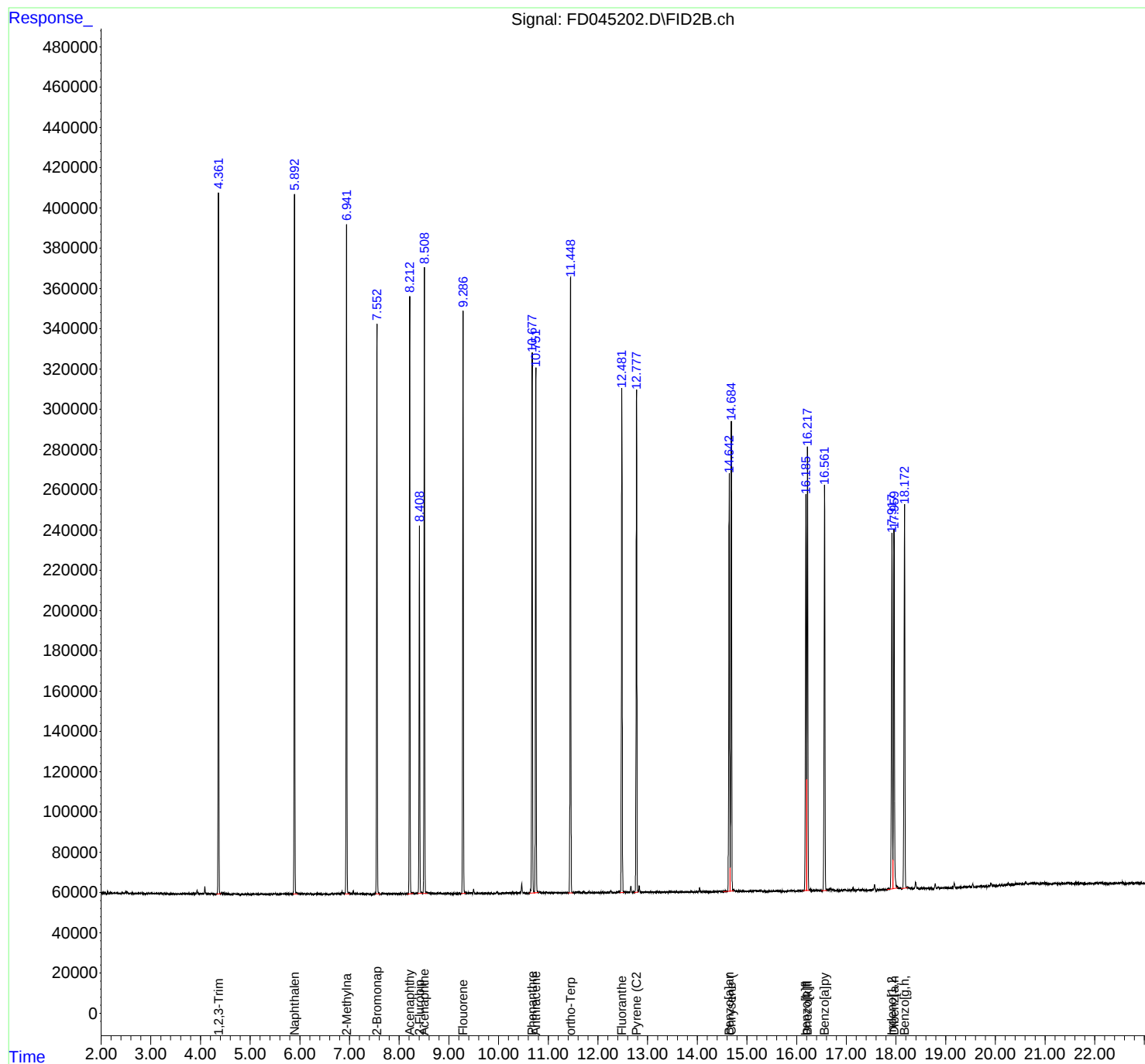
(m)=manual int.

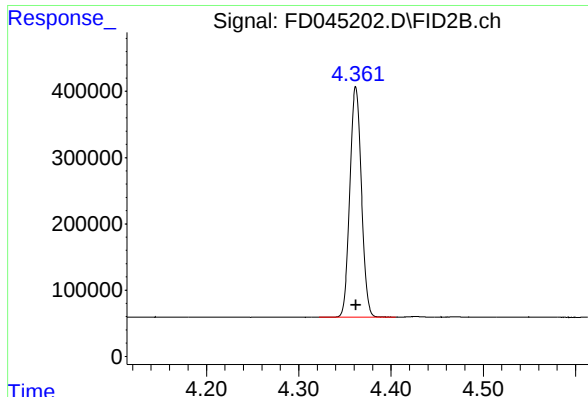
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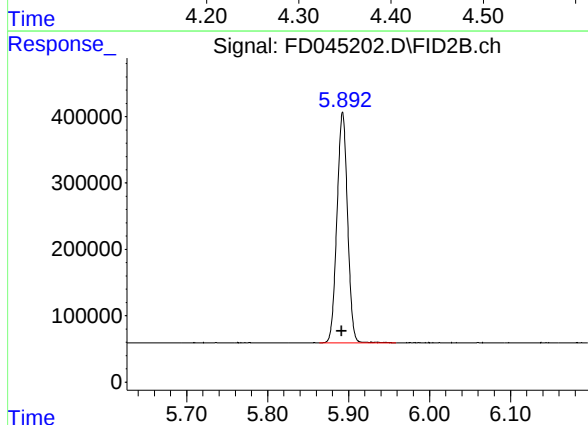




#1 1,2,3-Trimethylbenzene (C10.1)

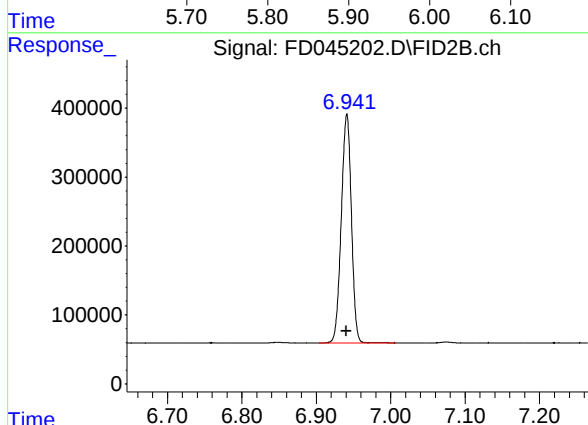
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 3024103
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :



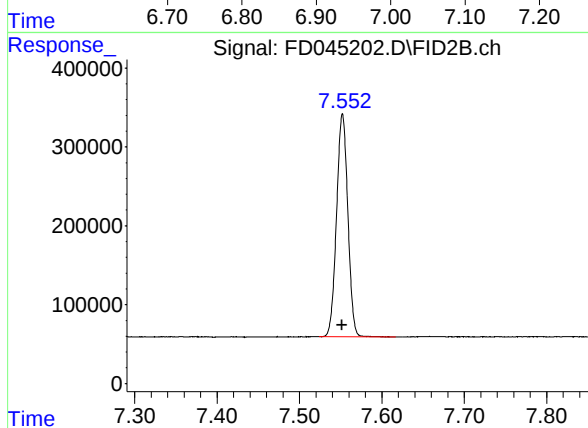
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 3154574
Conc: 19.97 ug/ml



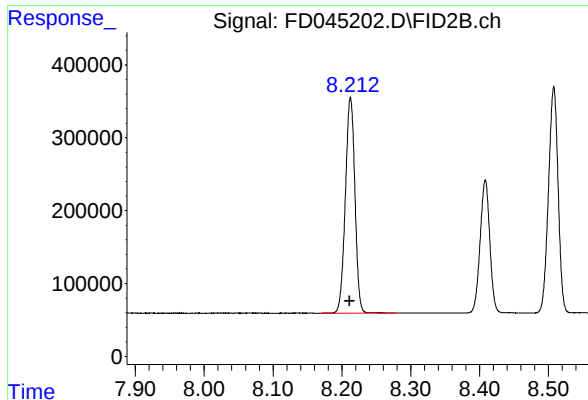
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 3143018
Conc: 19.78 ug/ml



#4 2-Bromonaphthalene (SURR)

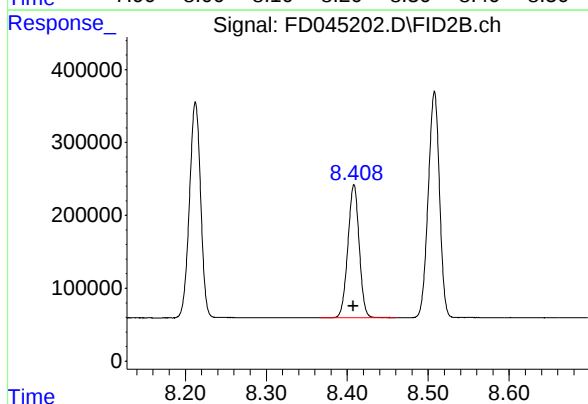
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2693134
Conc: 19.85 ug/ml



#5 Acenaphthylene (C15.06)

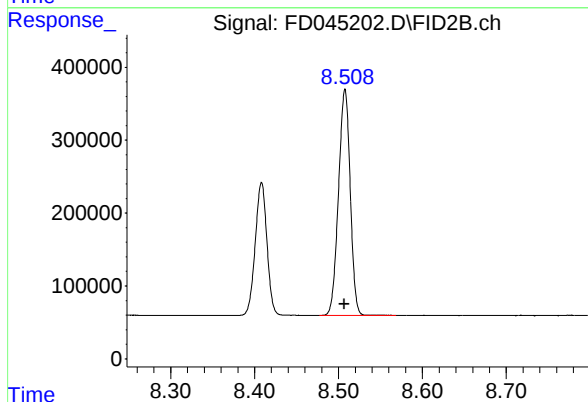
R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2855879
Conc: 19.92 ug/ml

Instrument :
FID_D
ClientSampleId :



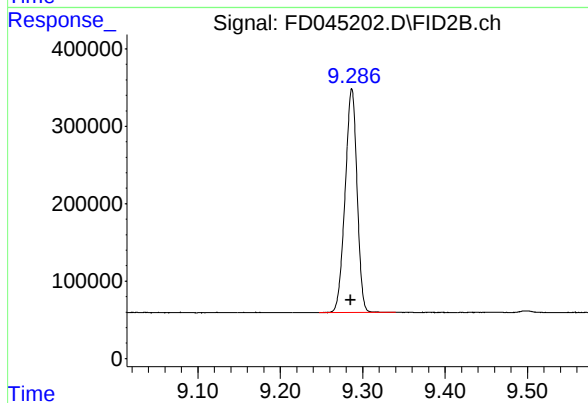
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1777244
Conc: 19.85 ug/ml



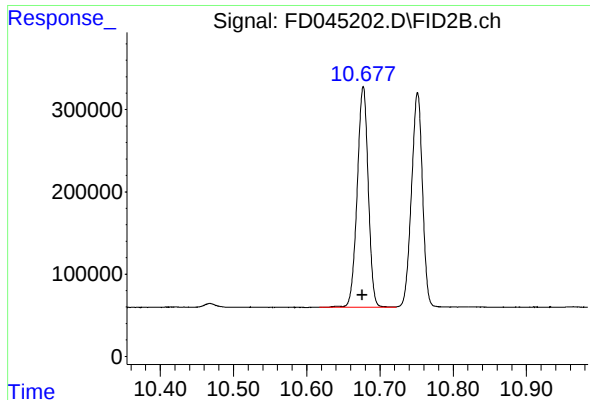
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 3015664
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

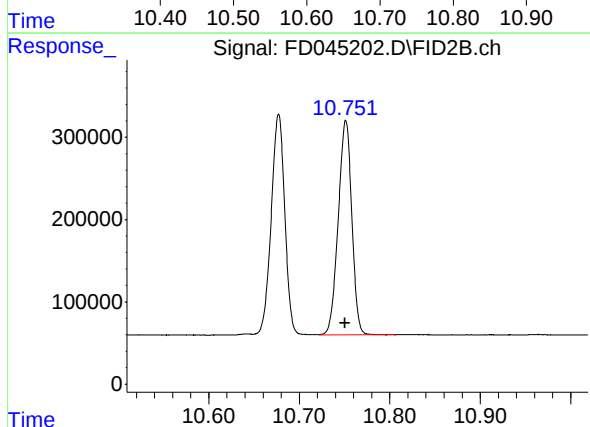
R.T.: 9.287 min
Delta R.T.: 0.001 min
Response: 2903908
Conc: 19.72 ug/ml



#9 Phenanthrene (C19.36)

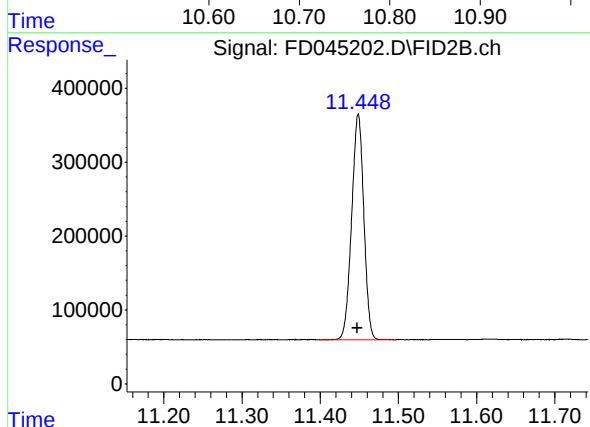
R.T.: 10.677 min
Delta R.T.: 0.001 min
Response: 2810644
Conc: 19.69 ug/ml

Instrument :
FID_D
ClientSampleId :



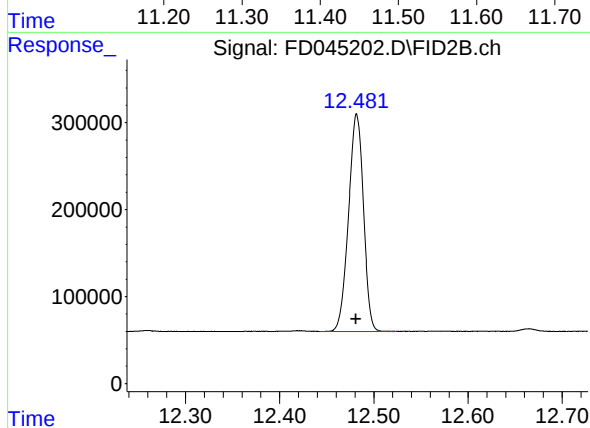
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 2719607
Conc: 19.41 ug/ml



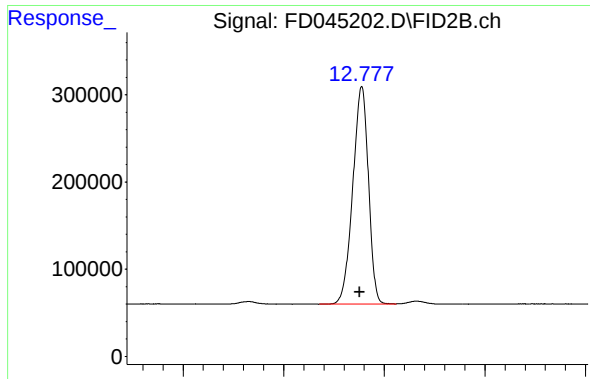
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.000 min
Response: 3291889
Conc: 19.78 ug/ml



#12 Fluoranthene (C21.85)

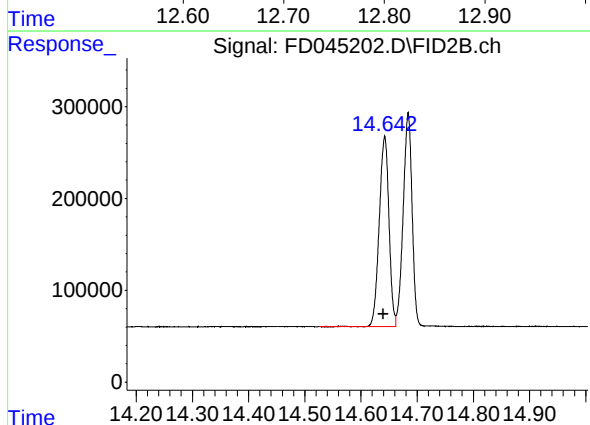
R.T.: 12.482 min
Delta R.T.: 0.001 min
Response: 2751739
Conc: 19.70 ug/ml



#13 Pyrene (C20.8)

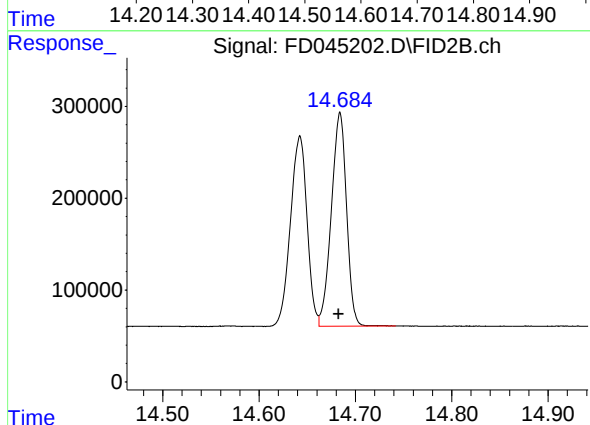
R.T.: 12.777 min
Delta R.T.: 0.002 min
Response: 2695008
Conc: 19.79 ug/ml

Instrument :
FID_D
ClientSampleId :



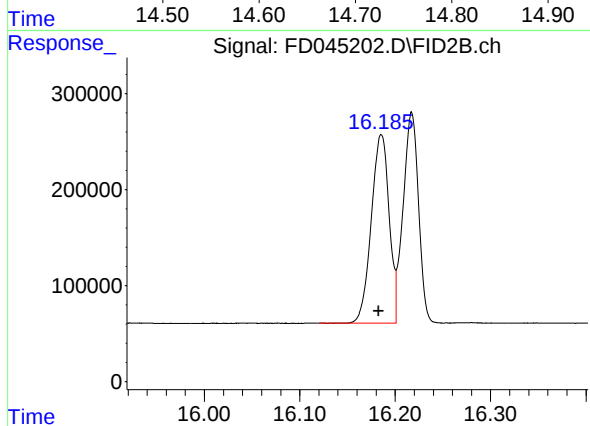
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.002 min
Response: 2486772
Conc: 19.51 ug/ml



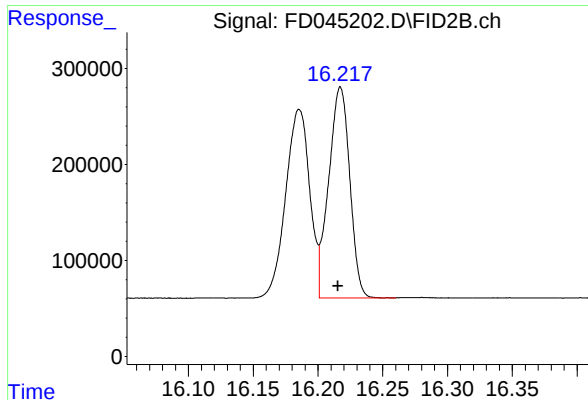
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.001 min
Response: 2552950
Conc: 19.59 ug/ml



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

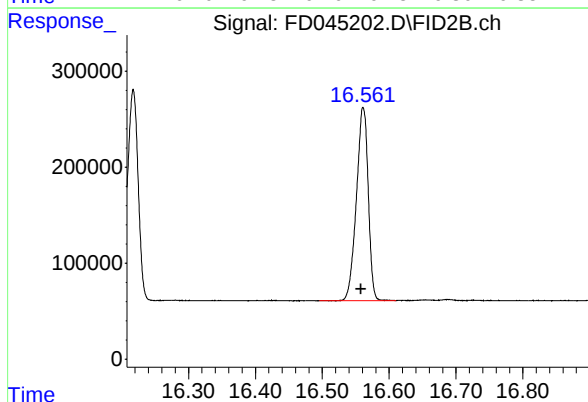
R.T.: 16.185 min
Delta R.T.: 0.003 min
Response: 2537155
Conc: 19.68 ug/ml



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

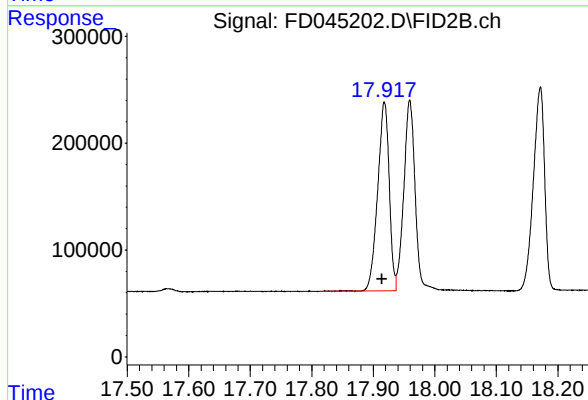
R.T.: 16.217 min
Delta R.T.: 0.002 min
Response: 2495378
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :



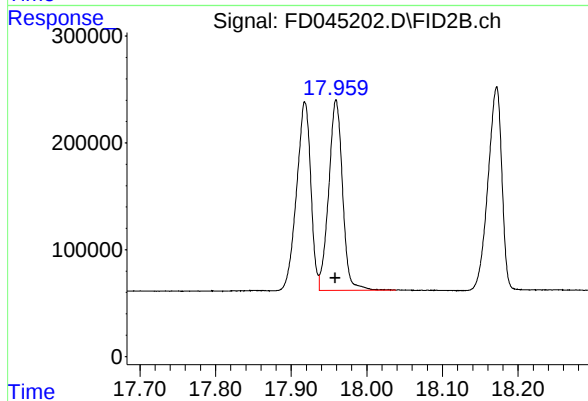
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.003 min
Response: 2472972
Conc: 19.65 ug/ml



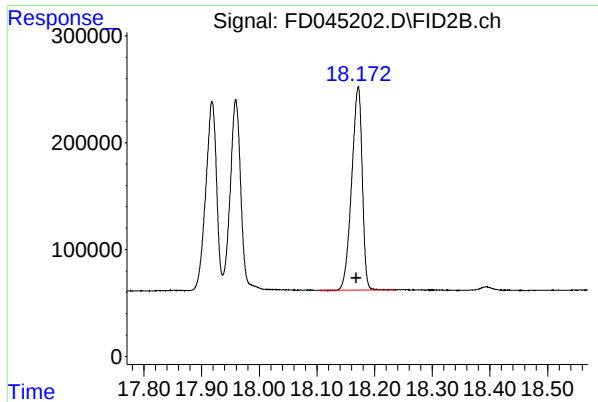
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: 0.004 min
Response: 2299746
Conc: 19.22 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.000 min
Response: 2273553
Conc: 18.85 ug/ml



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

R.T.: 18.171 min

Delta R.T.: 0.003 min

Response: 2423949

Conc: 19.48 ug/ml

Instrument :

FID_D

ClientSampleId :