

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045196.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 12:55
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 13:24:55 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	751728	5.708 ug/ml
Spiked Amount 50.000		Recovery =	11.42%
6) S 2-Fluorobiphenyl (SURR)	8.407	485435	5.542 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.08%
11) S ortho-Terphenyl (SURR)	11.446	923400	5.712 ug/ml
Spiked Amount 50.000		Recovery =	11.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	844868	5.739 ug/ml
2) T Naphthalene (C11.7)	5.892	879048	5.720 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	892168	5.781 ug/ml
5) T Acenaphthylene (C15.06)	8.211	786415	5.627 ug/ml
7) T Acenaphthene (C15.5)	8.506	822258	5.555 ug/ml
8) T Fluorene (C16.55)	9.284	800633	5.572 ug/ml
9) T Phenanthrene (C19.36)	10.675	777295	5.591 ug/ml
10) T Anthracene (C19.43)	10.748	760883	5.578 ug/ml
12) T Fluoranthene (C21.85)	12.479	767862	5.659 ug/ml
13) T Pyrene (C20.8)	12.773	747513	5.628 ug/ml
14) T Benzo[a]anthracene (C...	14.636	698082	5.617 ug/ml
15) T Chrysene (C27.41)	14.678	715605	5.639 ug/ml
16) T benzo[b]fluoranthene ...	16.178	708252	5.625 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	699688	5.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	696240	5.674 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	634646	5.412 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	664441	5.593 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	678844	5.589 ug/ml

(f)=RT Delta > 1/2 Window

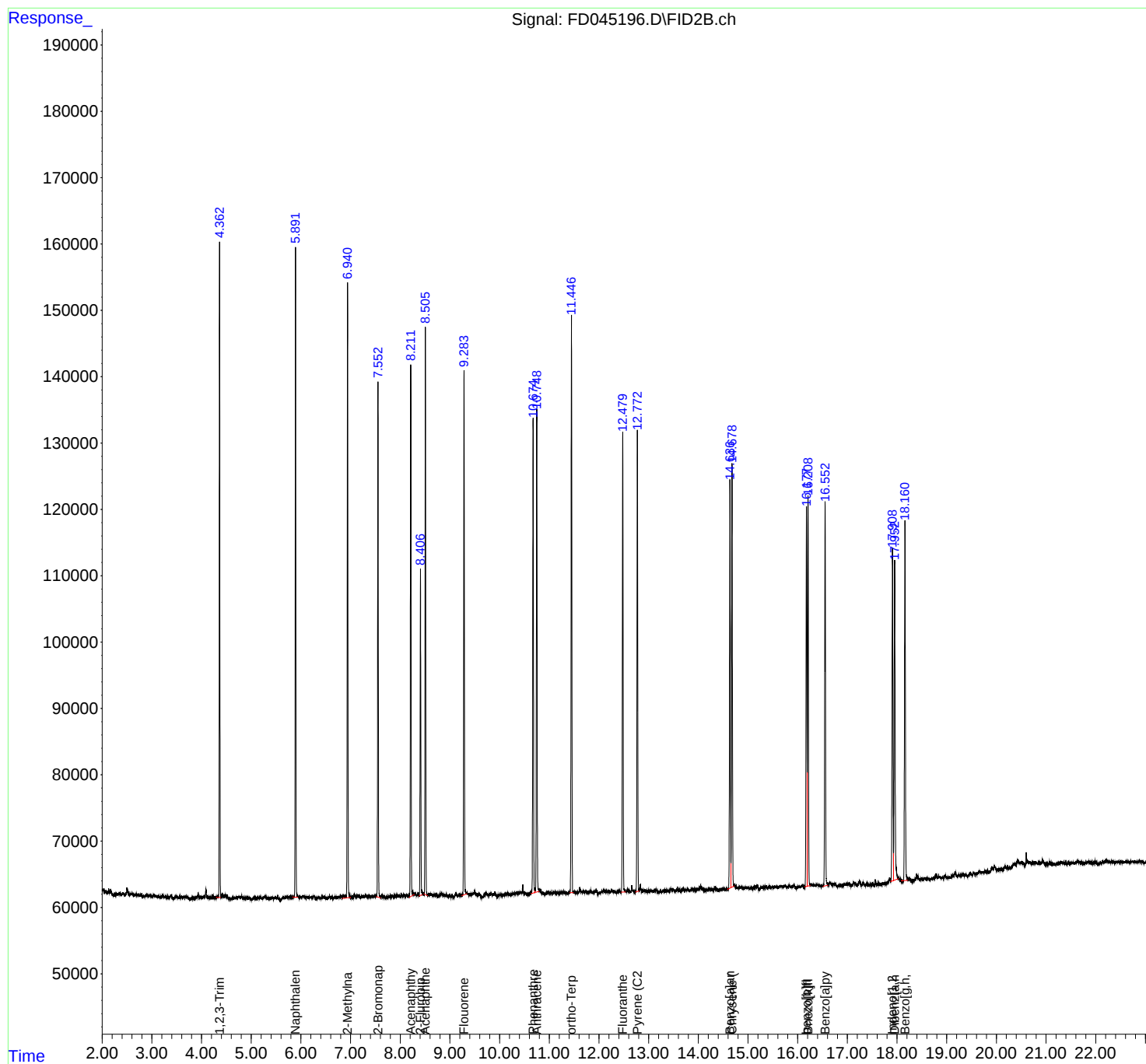
(m)=manual int.

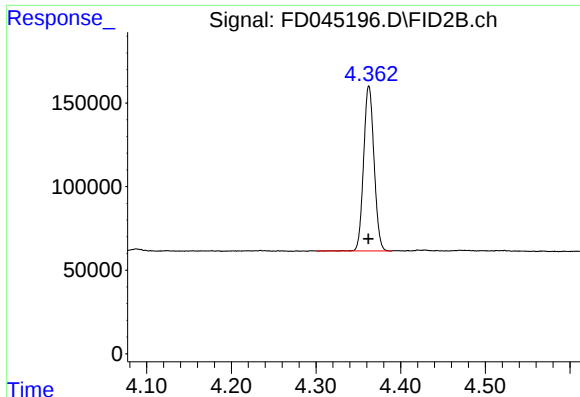
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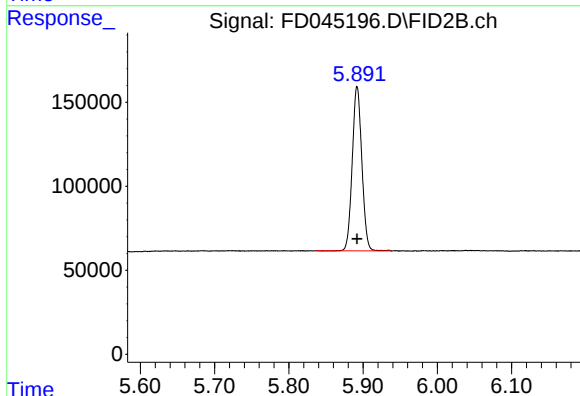




#1 1,2,3-Trimethylbenzene (C10.1)

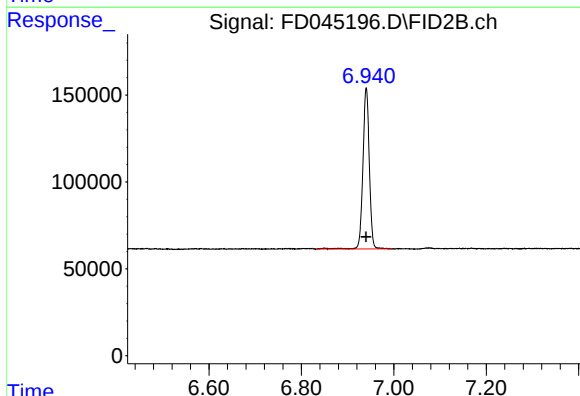
R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 844868
Conc: 5.74 ug/ml

Instrument :
FID_D
ClientSampleId :



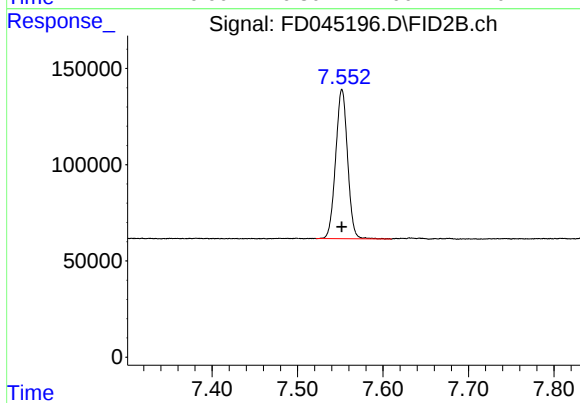
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 879048
Conc: 5.72 ug/ml



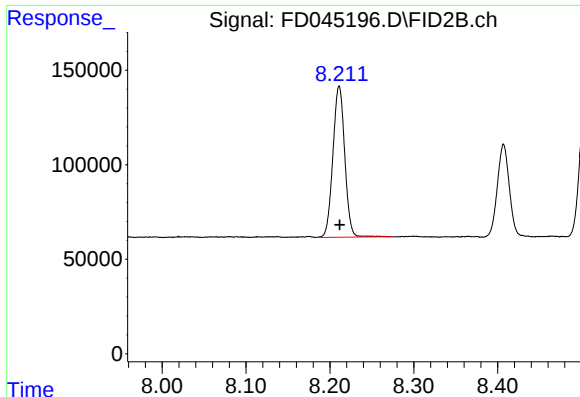
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 892168
Conc: 5.78 ug/ml



#4 2-Bromonaphthalene (SURR)

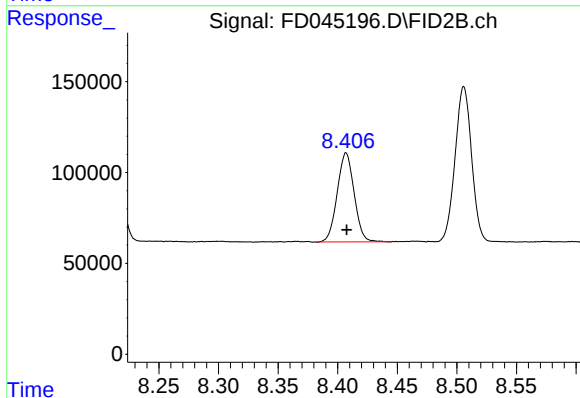
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 751728
Conc: 5.71 ug/ml



#5 Acenaphthylene (C15.06)

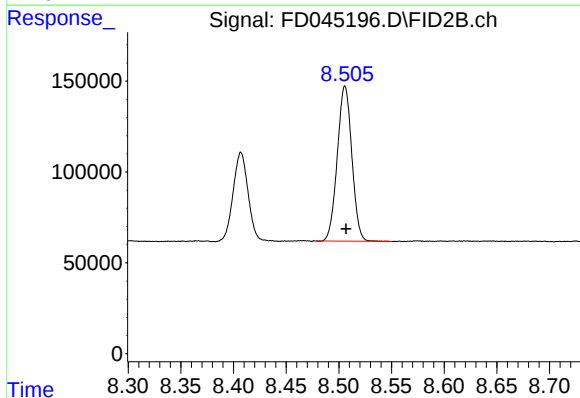
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 786415
Conc: 5.63 ug/ml

Instrument :
FID_D
ClientSampleId :



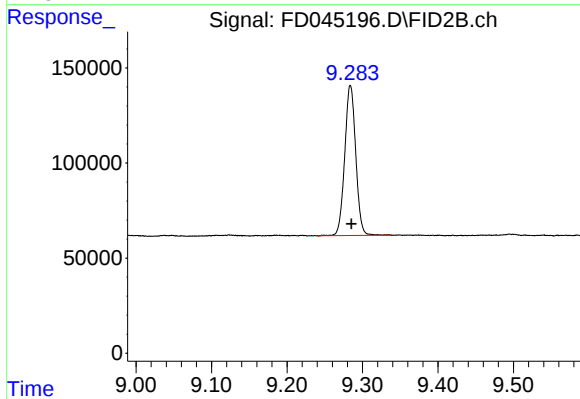
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 485435
Conc: 5.54 ug/ml



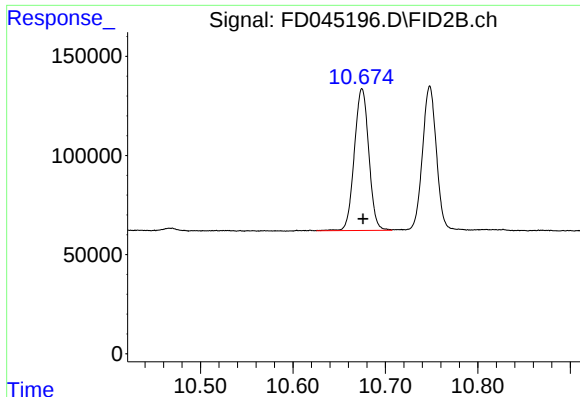
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 822258
Conc: 5.55 ug/ml



#8 Flouorene (C16.55)

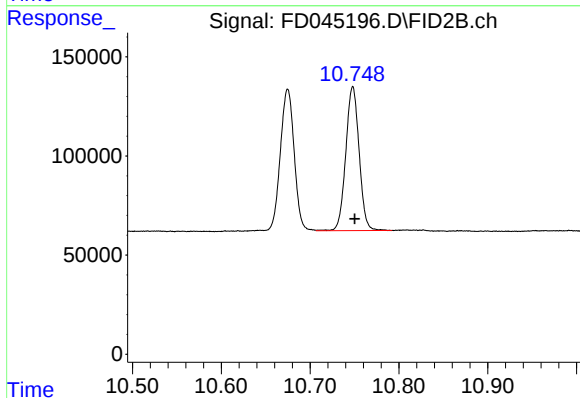
R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 800633
Conc: 5.57 ug/ml



#9 Phenanthrene (C19.36)

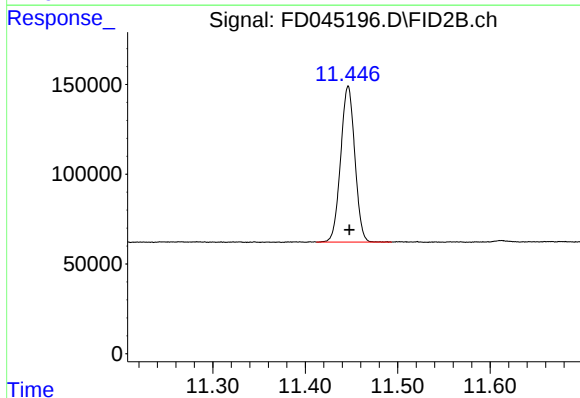
R.T.: 10.675 min
Delta R.T.: -0.001 min
Response: 777295
Conc: 5.59 ug/ml

Instrument :
FID_D
ClientSampleId :



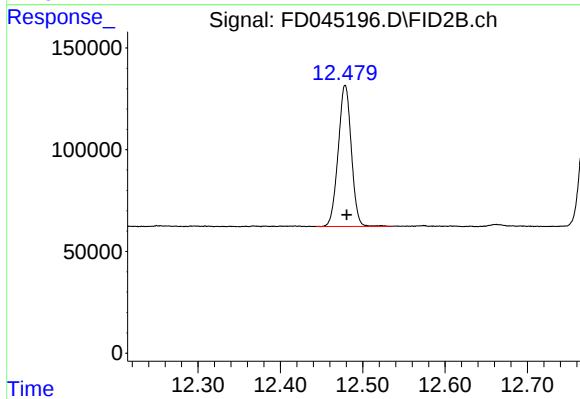
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.002 min
Response: 760883
Conc: 5.58 ug/ml



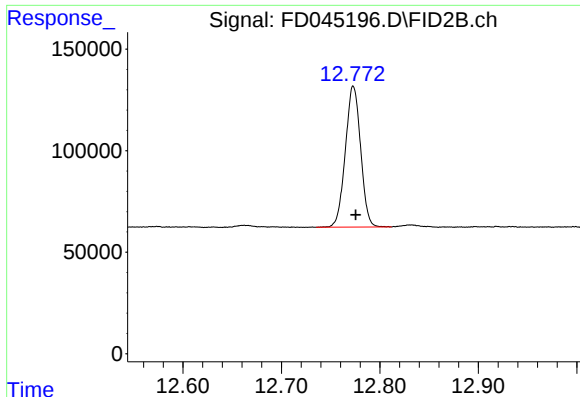
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.001 min
Response: 923400
Conc: 5.71 ug/ml



#12 Fluoranthene (C21.85)

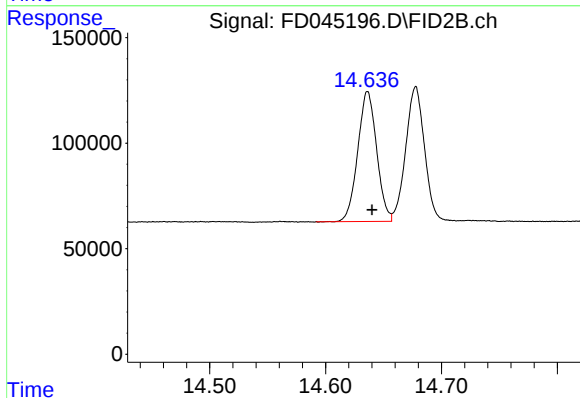
R.T.: 12.479 min
Delta R.T.: -0.002 min
Response: 767862
Conc: 5.66 ug/ml



#13 Pyrene (C20.8)

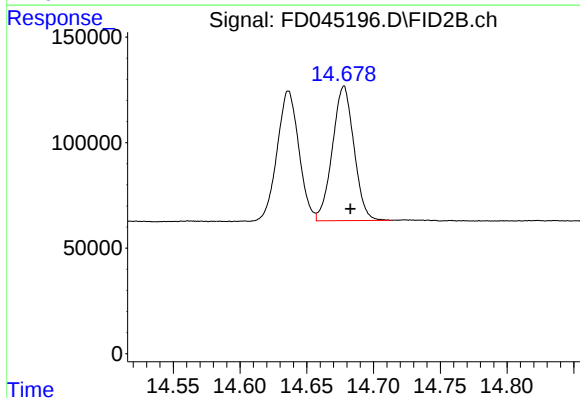
R.T.: 12.773 min
Delta R.T.: -0.002 min
Response: 747513
Conc: 5.63 ug/ml

Instrument :
FID_D
ClientSampleId :



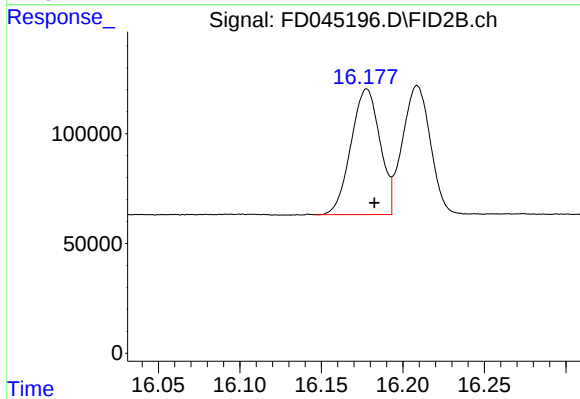
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: -0.004 min
Response: 698082
Conc: 5.62 ug/ml



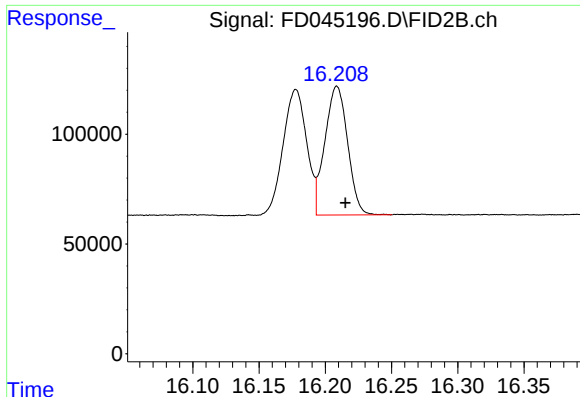
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: -0.005 min
Response: 715605
Conc: 5.64 ug/ml



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

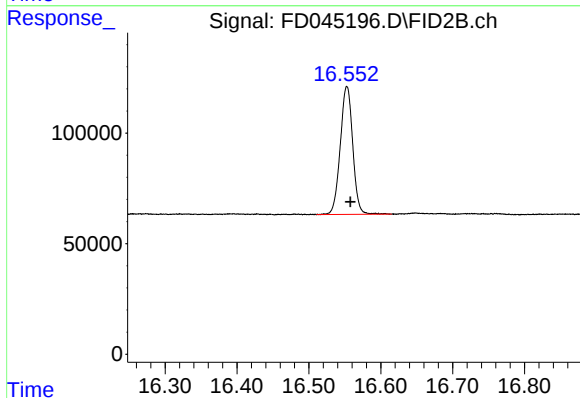
R.T.: 16.178 min
Delta R.T.: -0.005 min
Response: 708252
Conc: 5.62 ug/ml



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

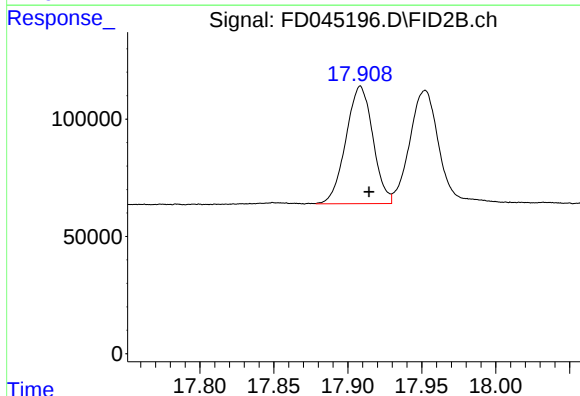
R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 699688
Conc: 5.69 ug/ml

Instrument :
FID_D
ClientSampleId :



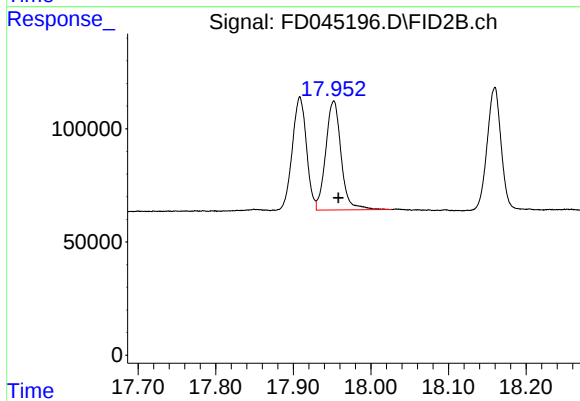
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min
Delta R.T.: -0.005 min
Response: 696240
Conc: 5.67 ug/ml



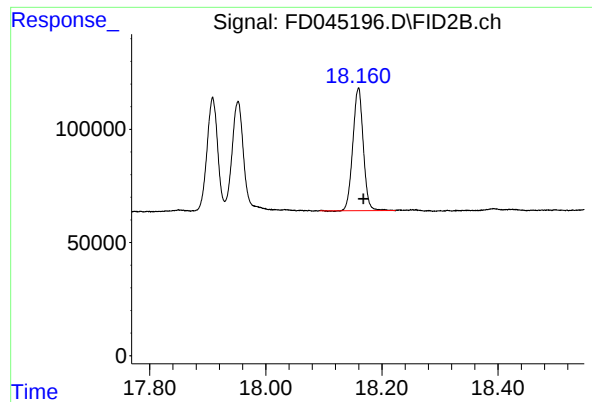
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.909 min
Delta R.T.: -0.006 min
Response: 634646
Conc: 5.41 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.006 min
Response: 664441
Conc: 5.59 ug/ml



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

R.T.: 18.159 min
Delta R.T.: -0.009 min
Response: 678844
Conc: 5.59 ug/ml

Instrument :

FID_D

ClientSampleId :