

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072523AR\
 Data File : FD046221.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 20:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 26 04:18:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.504	3091905	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
6) S 2-Fluorobiphenyl (SURR)	8.359	1966701	21.009 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.02%
11) S ortho-Terphenyl (SURR)	11.396	3707606	21.230 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	3663424	20.107 ug/ml
2) T Naphthalene (C11.7)	5.844	3696316	20.465 ug/ml
3) T 2-Methylnaphthalene (...)	6.893	3634778	20.652 ug/ml
5) T Acenaphthylene (C15.06)	8.163	3170264	20.778 ug/ml
7) T Acenaphthene (C15.5)	8.458	3393132	20.809 ug/ml
8) T Flouorene (C16.55)	9.236	3217100	21.143 ug/ml
9) T Phenanthrene (C19.36)	10.625	3065039	21.285 ug/ml
10) T Anthracene (C19.43)	10.698	2686112	20.525 ug/ml
12) T Fluoranthene (C21.85)	12.428	2966141	21.227 ug/ml
13) T Pyrene (C20.8)	12.723	2900446	20.927 ug/ml
14) T Benzo[a]anthracene (C...	14.587	2738049	20.860 ug/ml
15) T Chrysene (C27.41)	14.629	2856602	20.259 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2863346	20.936 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	2820749	20.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	2760170	21.201 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	2605292	21.661 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	2667236	20.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	2720200	21.441 ug/ml

(f)=RT Delta > 1/2 Window

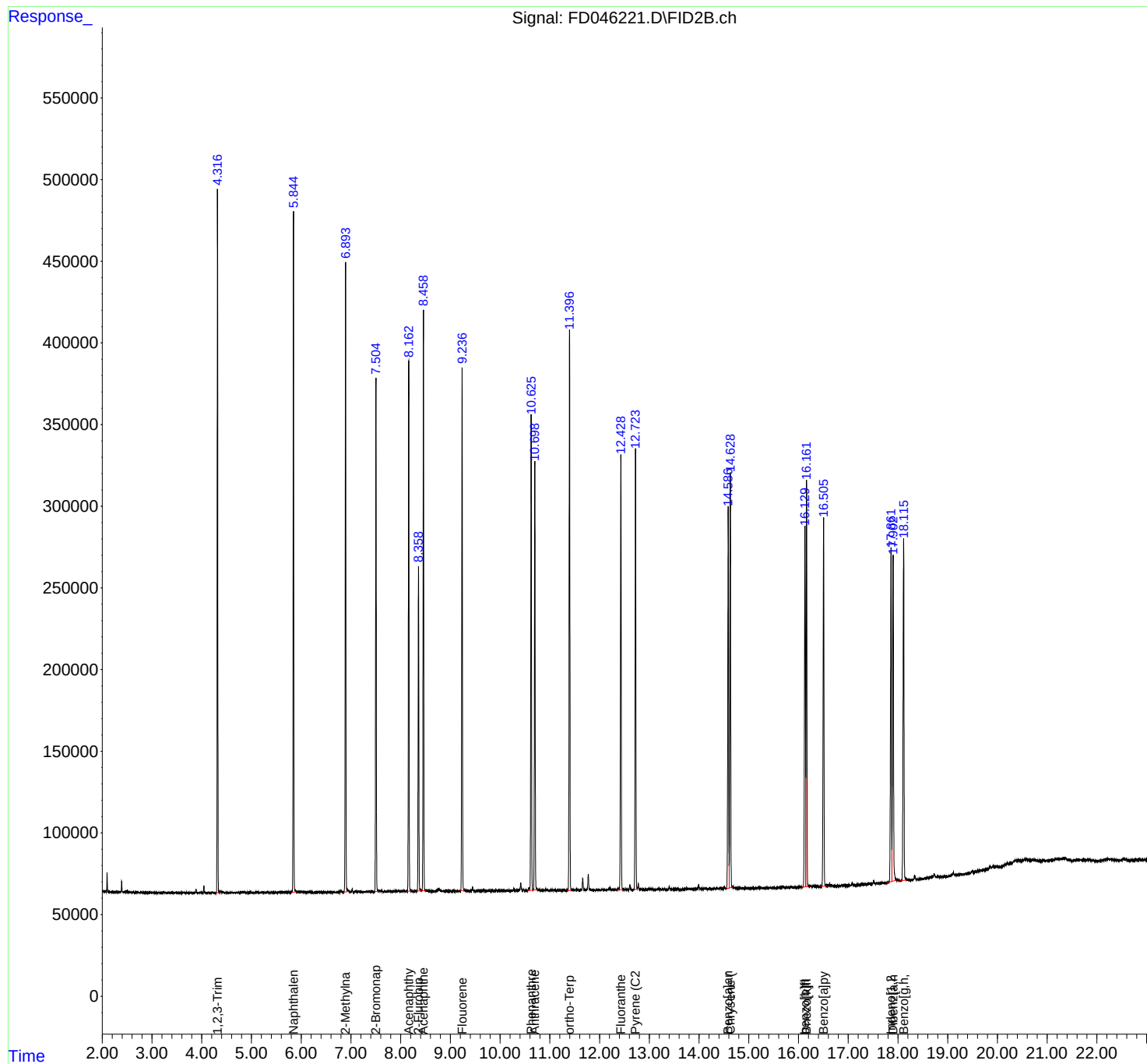
(m)=manual int.

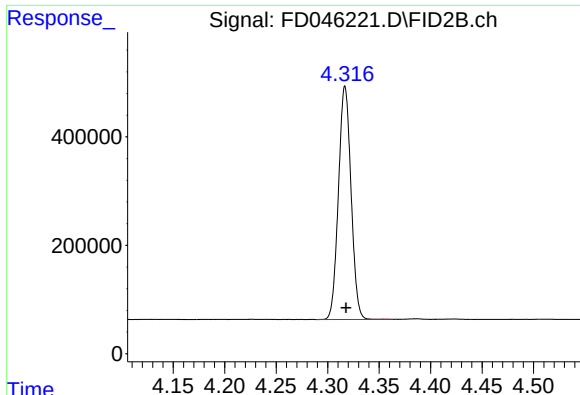
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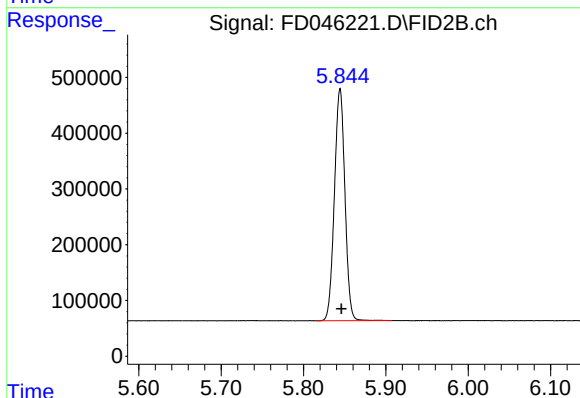




#1 1,2,3-Trimethylbenzene (C10.1)

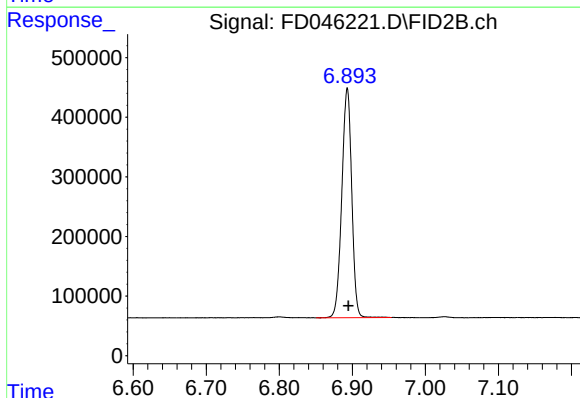
R.T.: 4.317 min
Delta R.T.: -0.001 min
Response: 3663424
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



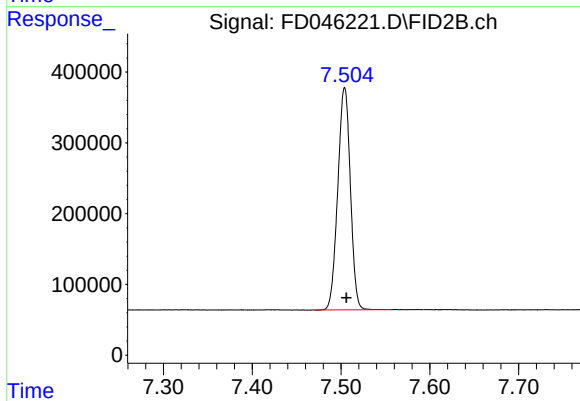
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 3696316
Conc: 20.47 ug/ml



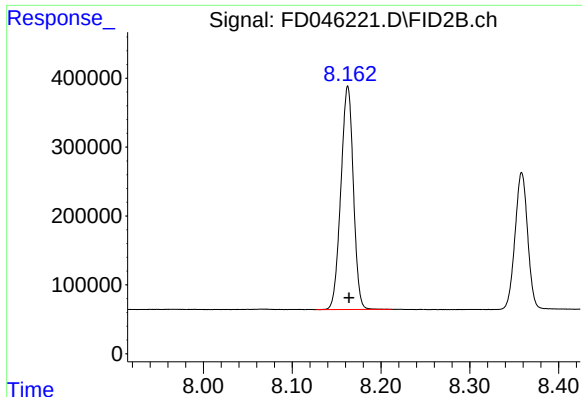
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 3634778
Conc: 20.65 ug/ml



#4 2-Bromonaphthalene (SURR)

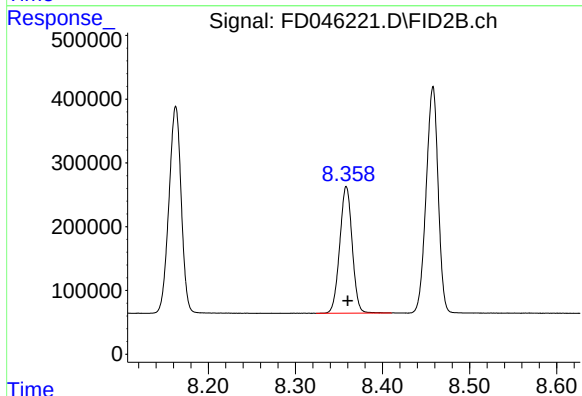
R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 3091905
Conc: 20.68 ug/ml



#5 Acenaphthylene (C15.06)

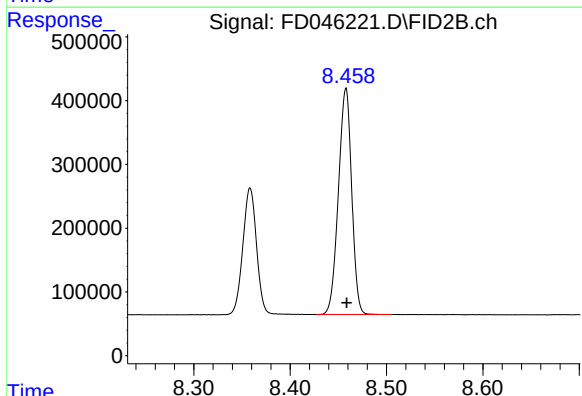
R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 3170264
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



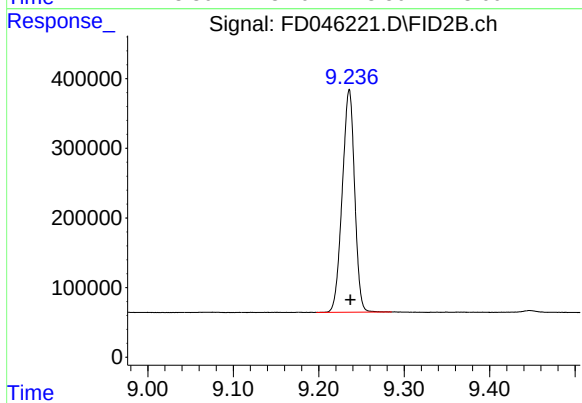
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.359 min
Delta R.T.: -0.002 min
Response: 1966701
Conc: 21.01 ug/ml



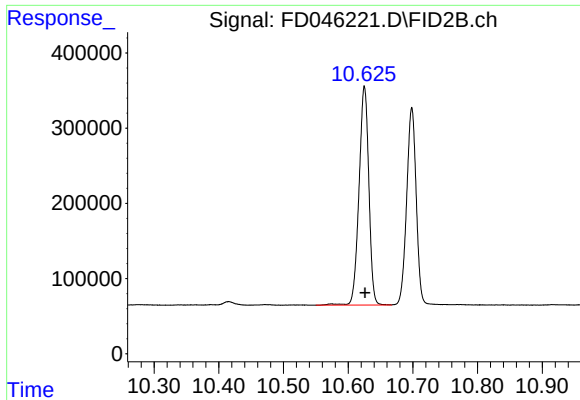
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 3393132
Conc: 20.81 ug/ml



#8 Fluorene (C16.55)

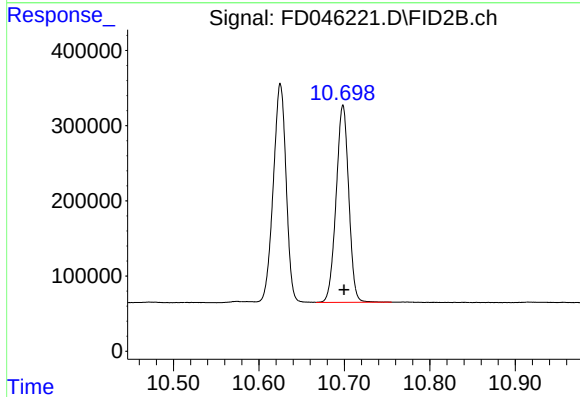
R.T.: 9.236 min
Delta R.T.: -0.001 min
Response: 3217100
Conc: 21.14 ug/ml



#9 Phenanthrene (C19.36)

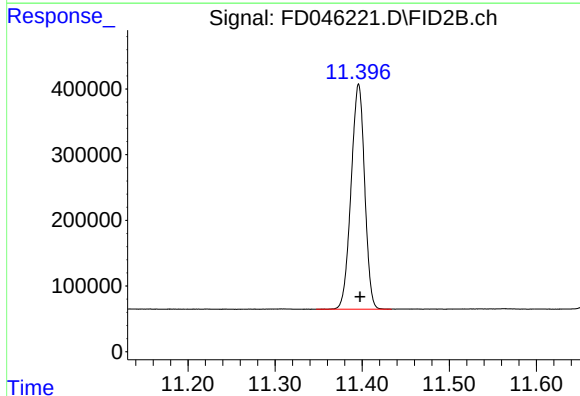
R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 3065039
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :



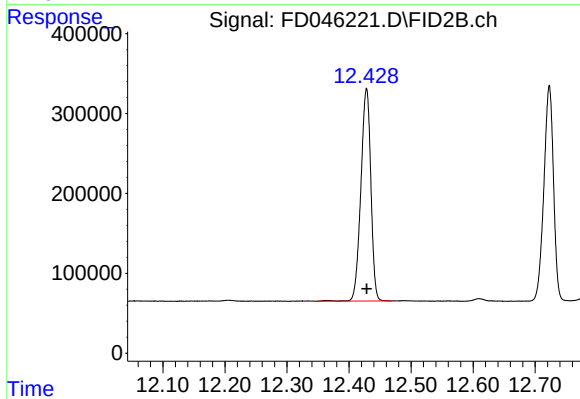
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.001 min
Response: 2686112
Conc: 20.52 ug/ml



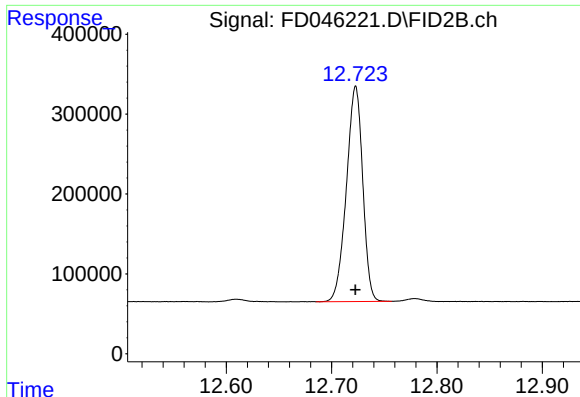
#11 ortho-Terphenyl (SURR)

R.T.: 11.396 min
Delta R.T.: -0.002 min
Response: 3707606
Conc: 21.23 ug/ml



#12 Fluoranthene (C21.85)

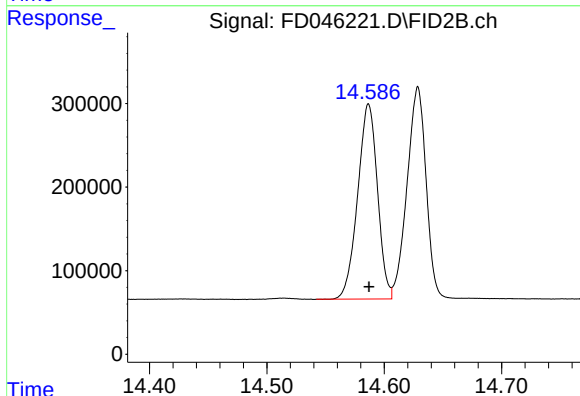
R.T.: 12.428 min
Delta R.T.: 0.000 min
Response: 2966141
Conc: 21.23 ug/ml



#13 Pyrene (C20.8)

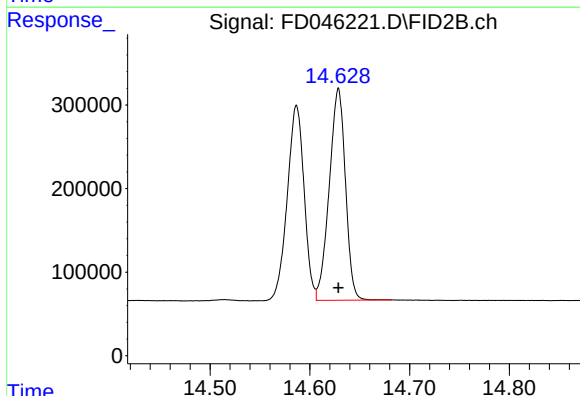
R.T.: 12.723 min
Delta R.T.: 0.000 min
Response: 2900446
Conc: 20.93 ug/ml

Instrument :
FID_D
ClientSampleId :



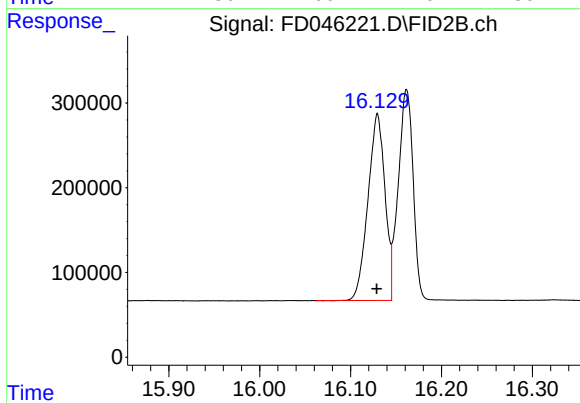
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 2738049
Conc: 20.86 ug/ml



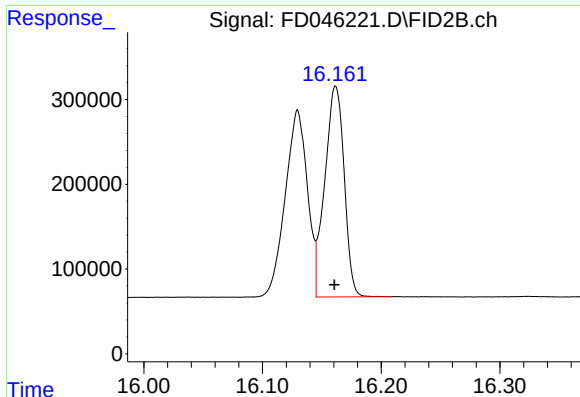
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 2856602
Conc: 20.26 ug/ml



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

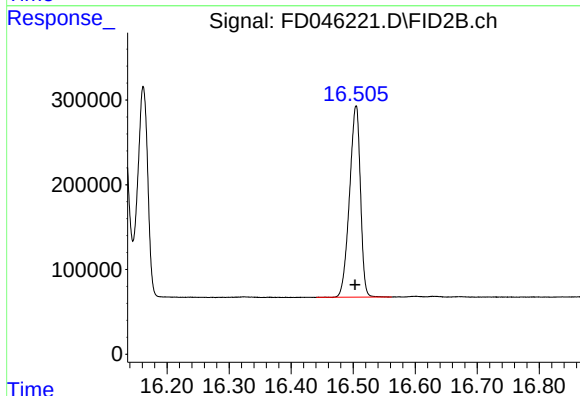
R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 2863346
Conc: 20.94 ug/ml



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

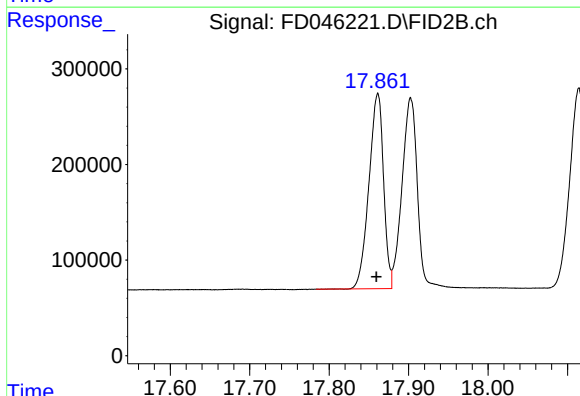
R.T.: 16.162 min
Delta R.T.: 0.000 min
Response: 2820749
Conc: 20.58 ug/ml

Instrument :
FID_D
ClientSampleId :



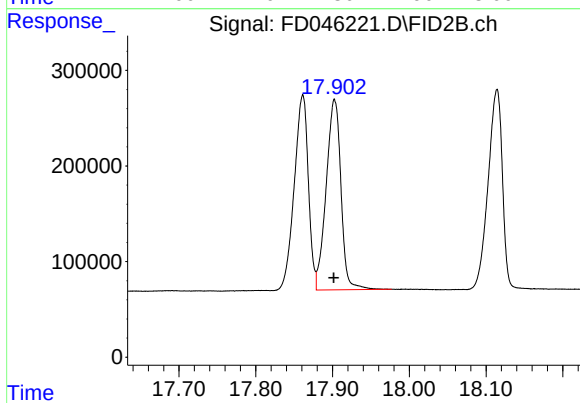
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min
Delta R.T.: 0.001 min
Response: 2760170
Conc: 21.20 ug/ml



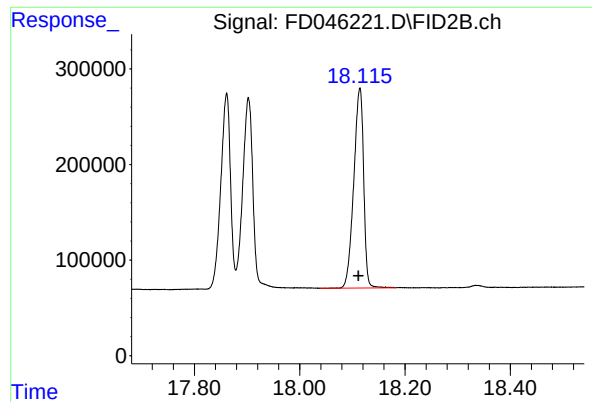
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: 0.001 min
Response: 2605292
Conc: 21.66 ug/ml



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

R.T.: 17.903 min
Delta R.T.: 0.001 min
Response: 2667236
Conc: 20.85 ug/ml



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

R.T.: 18.114 min
Delta R.T.: 0.003 min
Response: 2720200
Conc: 21.44 ug/ml

Instrument :

FID_D

ClientSampleId :