

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046612.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2023 20:21
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 00:36:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.488	3899896	22.130 ug/ml
Spiked Amount 50.000		Recovery =	44.26%
6) S 2-Fluorobiphenyl (SURR)	8.342	2545401	21.970 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.94%
11) S ortho-Terphenyl (SURR)	11.379	4537409	22.272 ug/ml
Spiked Amount 50.000		Recovery =	44.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	4083143	22.107 ug/ml
2) T Naphthalene (C11.7)	5.828	4269123	22.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4299634	22.187 ug/ml
5) T Acenaphthylene (C15.06)	8.145	3914869	22.203 ug/ml
7) T Acenaphthene (C15.5)	8.441	4178943	22.241 ug/ml
8) T Flouorene (C16.55)	9.219	3995650	22.150 ug/ml
9) T Phenanthrene (C19.36)	10.607	3861832	21.964 ug/ml
10) T Anthracene (C19.43)	10.681	3678765	23.951 ug/ml
12) T Fluoranthene (C21.85)	12.409	3760864	22.066 ug/ml
13) T Pyrene (C20.8)	12.703	3659047	22.305 ug/ml
14) T Benzo[a]anthracene (C...	14.566	3071703	21.998 ug/ml
15) T Chrysene (C27.41)	14.608	3325931	21.910 ug/ml
16) T benzo[b]fluoranthene ...	16.108	3067546	22.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.139	3057998	22.076 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	2948886	22.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2661852	21.236 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	2811755	21.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	2899010	21.983 ug/ml

(f)=RT Delta > 1/2 Window

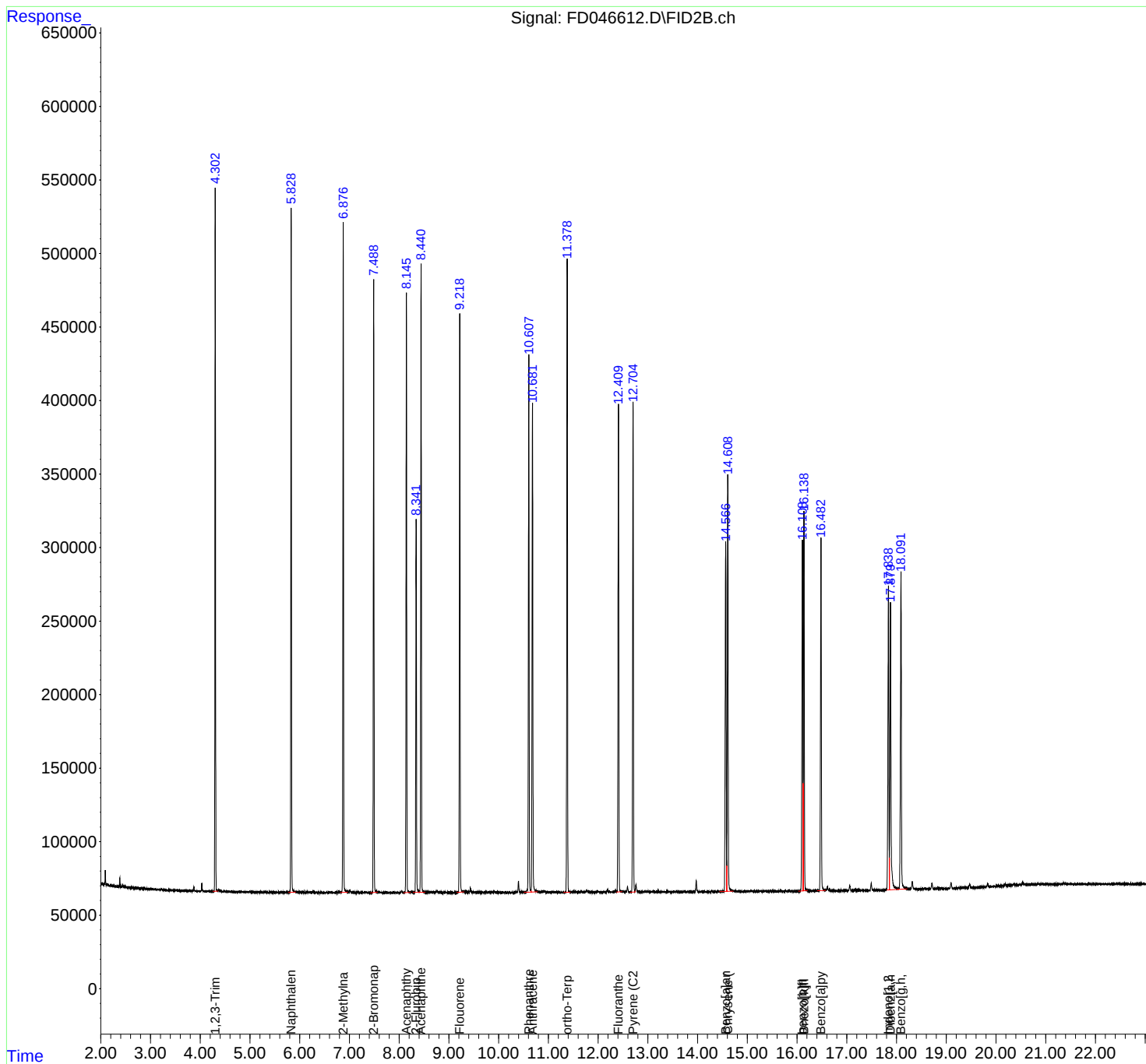
(m)=manual int.

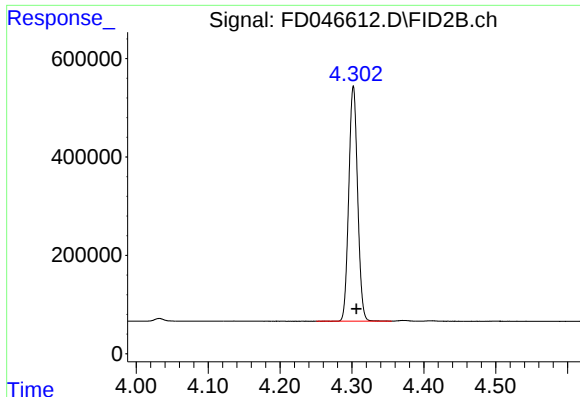
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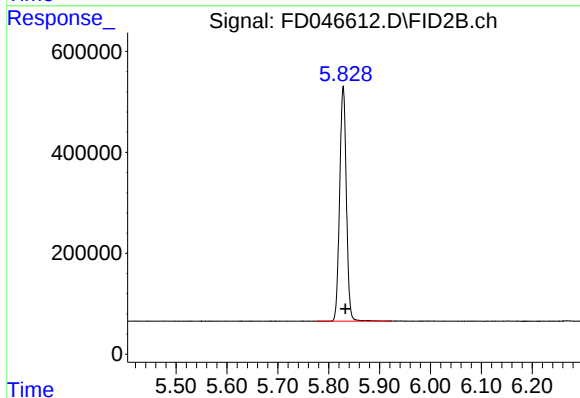




#1 1,2,3-Trimethylbenzene (C10.1)

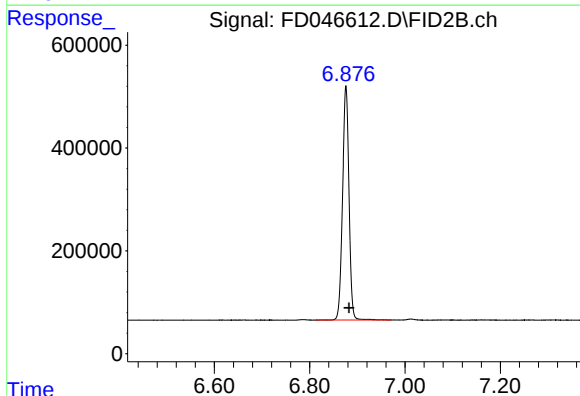
R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 4083143
Conc: 22.11 ug/ml

Instrument :
FID_D
ClientSampleId :



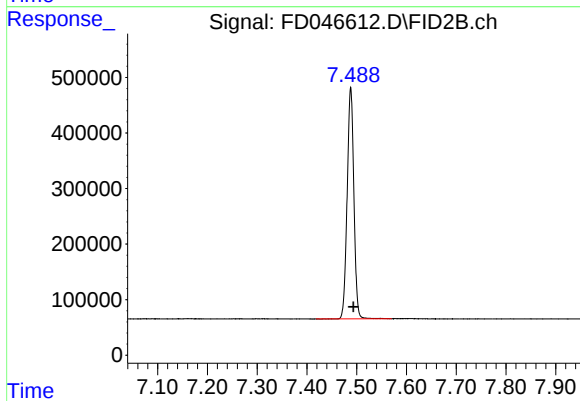
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 4269123
Conc: 22.09 ug/ml



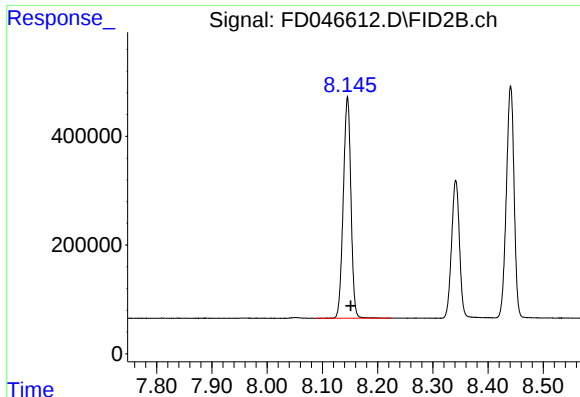
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 4299634
Conc: 22.19 ug/ml



#4 2-Bromonaphthalene (SURR)

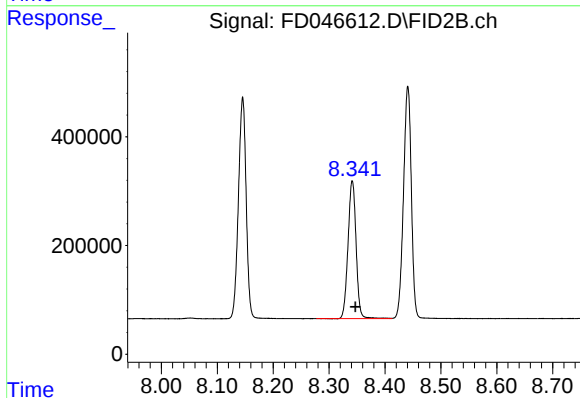
R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 3899896
Conc: 22.13 ug/ml



#5 Acenaphthylene (C15.06)

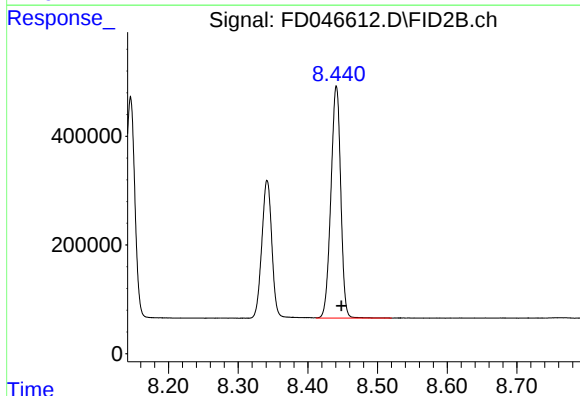
R.T.: 8.145 min
Delta R.T.: -0.006 min
Response: 3914869
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :



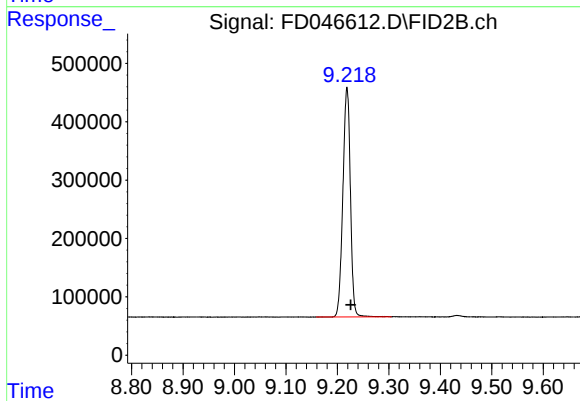
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 2545401
Conc: 21.97 ug/ml



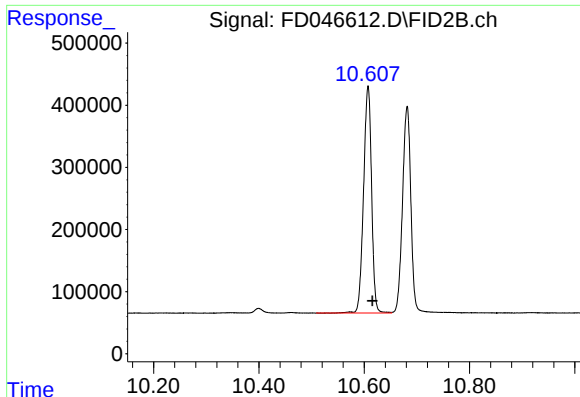
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 4178943
Conc: 22.24 ug/ml



#8 Fluorene (C16.55)

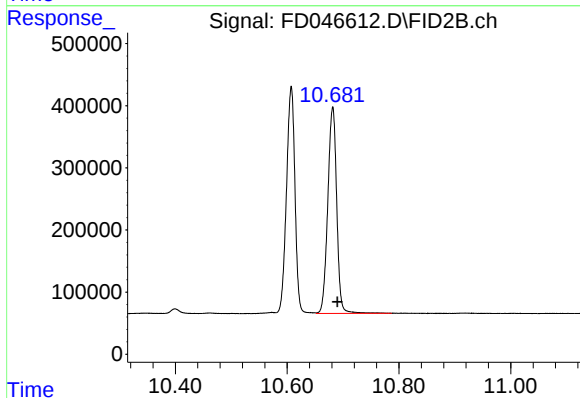
R.T.: 9.219 min
Delta R.T.: -0.008 min
Response: 3995650
Conc: 22.15 ug/ml



#9 Phenanthrene (C19.36)

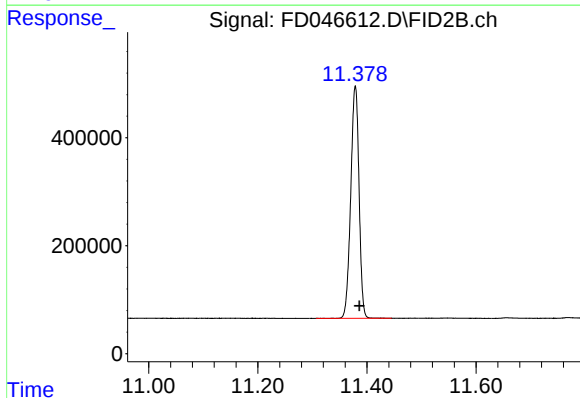
R.T.: 10.607 min
Delta R.T.: -0.008 min
Response: 3861832
Conc: 21.96 ug/ml

Instrument :
FID_D
ClientSampleId :



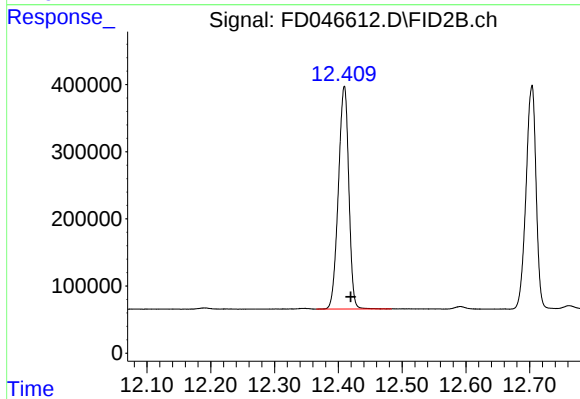
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 3678765
Conc: 23.95 ug/ml



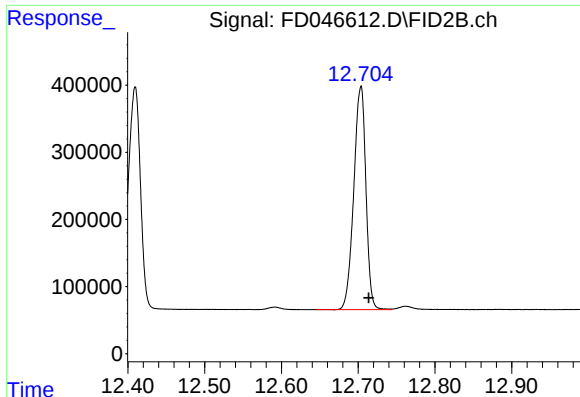
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.008 min
Response: 4537409
Conc: 22.27 ug/ml



#12 Fluoranthene (C21.85)

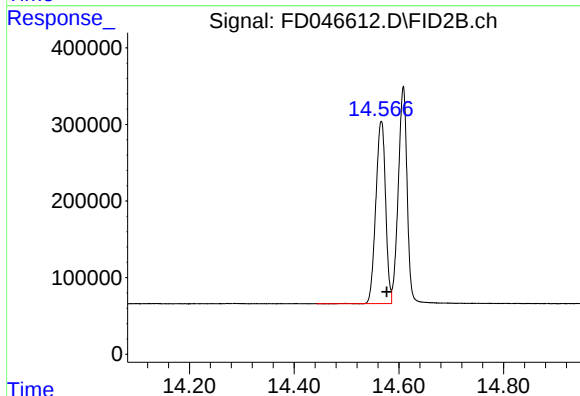
R.T.: 12.409 min
Delta R.T.: -0.010 min
Response: 3760864
Conc: 22.07 ug/ml



#13 Pyrene (C20.8)

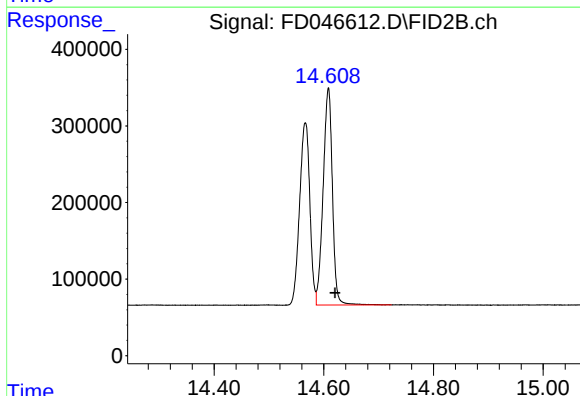
R.T.: 12.703 min
Delta R.T.: -0.010 min
Response: 3659047
Conc: 22.30 ug/ml

Instrument :
FID_D
ClientSampleId :



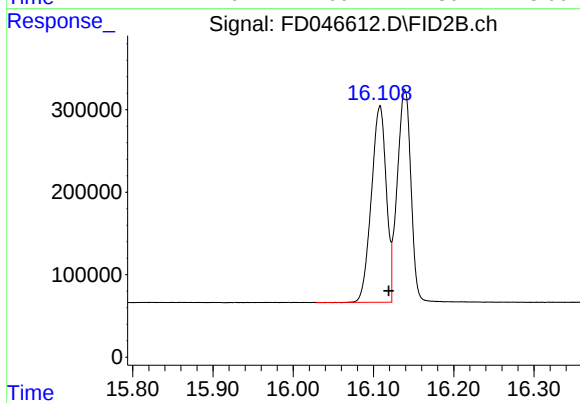
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 3071703
Conc: 22.00 ug/ml



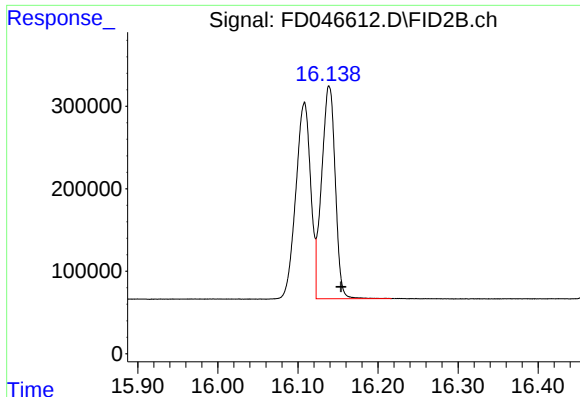
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.013 min
Response: 3325931
Conc: 21.91 ug/ml



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

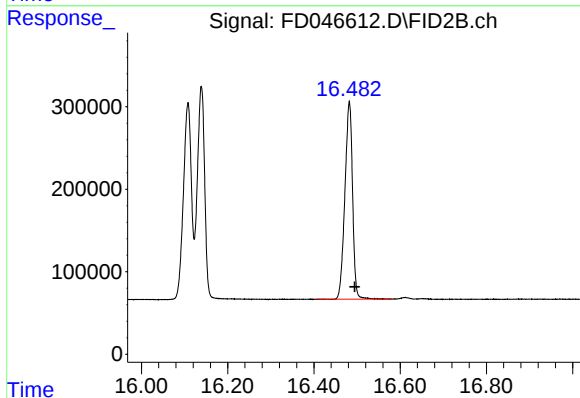
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 3067546
Conc: 22.36 ug/ml



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

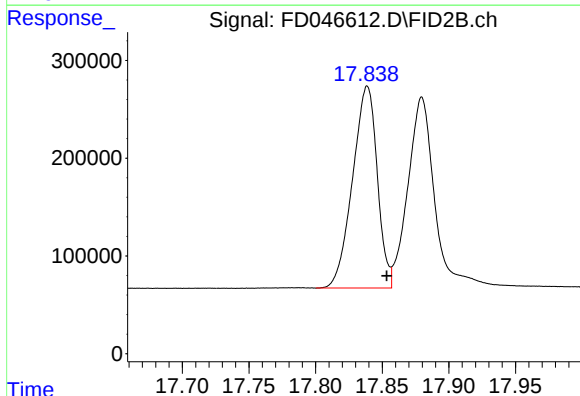
R.T.: 16.139 min
Delta R.T.: -0.015 min
Response: 3057998
Conc: 22.08 ug/ml

Instrument :
FID_D
ClientSampleId :



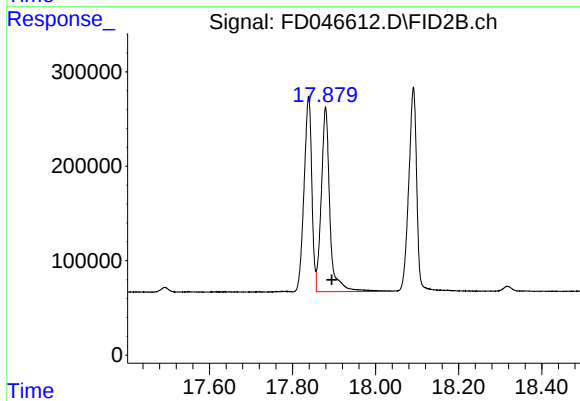
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.012 min
Response: 2948886
Conc: 22.04 ug/ml



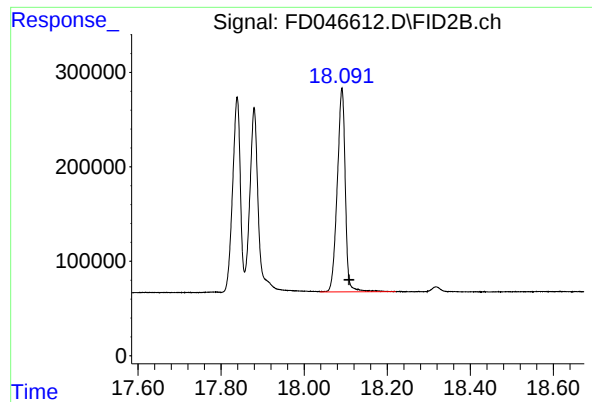
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.015 min
Response: 2661852
Conc: 21.24 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 2811755
Conc: 21.13 ug/ml



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

R.T.: 18.091 min
Delta R.T.: -0.017 min
Response: 2899010
Conc: 21.98 ug/ml

Instrument :

FID_D

ClientSampleId :