

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046604.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2023 11:26
 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 00:22:57 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...	7.487	3836548	21.771 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
6) S 2-Fluorobiphenyl (SURR)	8.340	2494656	21.532 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.06%
11) S ortho-Terphenyl (SURR)	11.378	4540354	22.286 ug/ml
Spiked Amount 50.000		Recovery =	44.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	4081262	22.097 ug/ml
2) T Naphthalene (C11.7)	5.826	4241533	21.950 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	4264562	22.006 ug/ml
5) T Acenaphthylene (C15.06)	8.144	3899838	22.117 ug/ml
7) T Acenaphthene (C15.5)	8.440	4139330	22.030 ug/ml
8) T Flouorene (C16.55)	9.218	3932772	21.801 ug/ml
9) T Phenanthrene (C19.36)	10.607	3825953	21.760 ug/ml
10) T Anthracene (C19.43)	10.680	3661432	23.838 ug/ml
12) T Fluoranthene (C21.85)	12.409	3747559	21.988 ug/ml
13) T Pyrene (C20.8)	12.703	3651959	22.261 ug/ml
14) T Benzo[a]anthracene (C...	14.566	3025608	21.668 ug/ml
15) T Chrysene (C27.41)	14.608	3343205	22.023 ug/ml
16) T benzo[b]fluoranthene ...	16.108	3064287	22.340 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	3026500	21.848 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	2917376	21.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	2616999	20.878 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	2618329	19.676 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	2894449	21.949 ug/ml

(f)=RT Delta > 1/2 Window

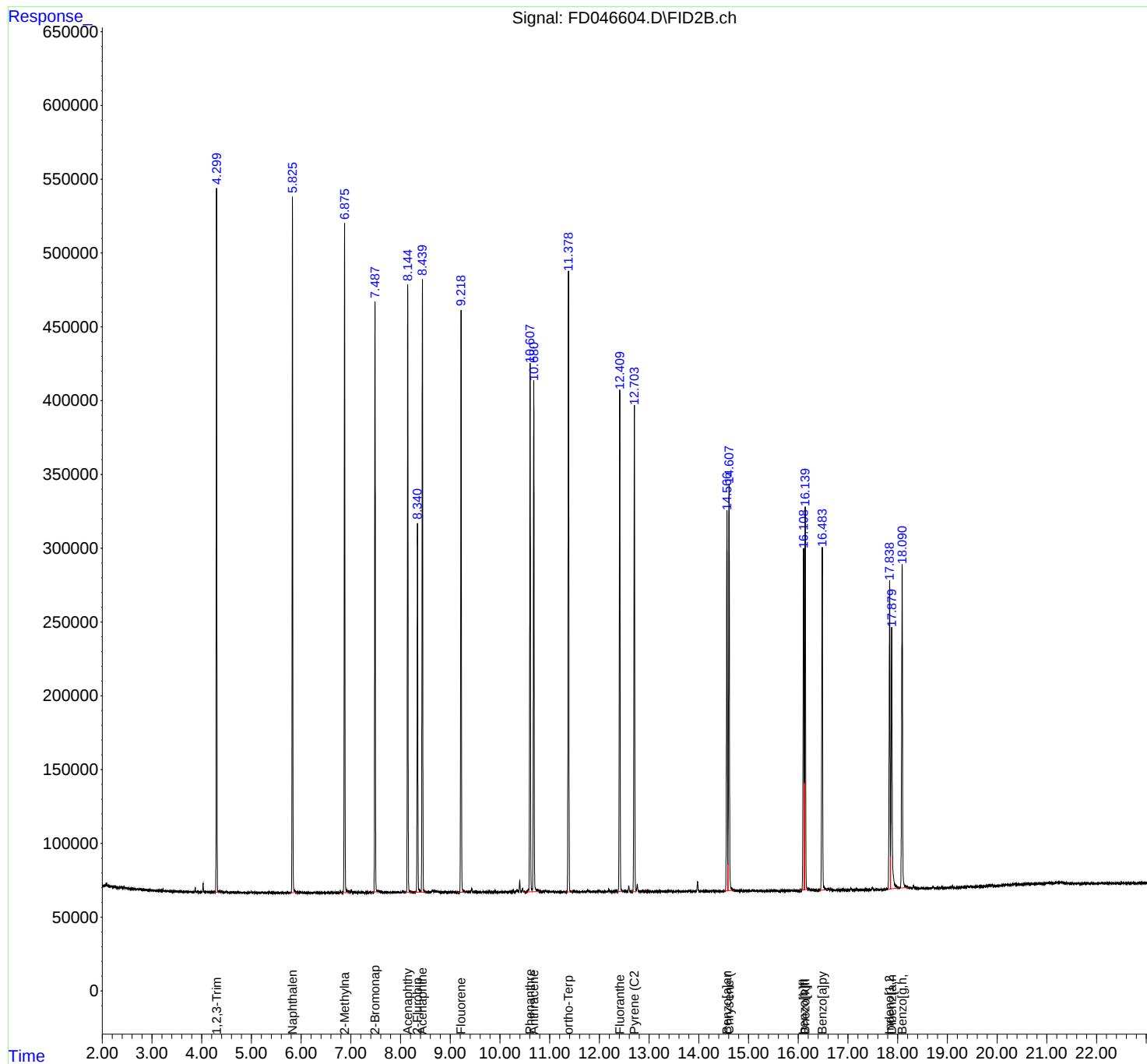
(m)=manual int.

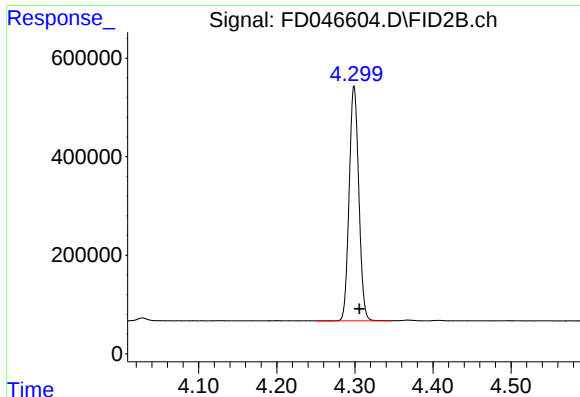
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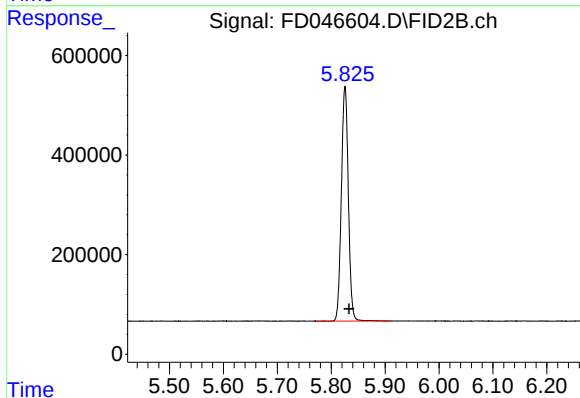




#1 1,2,3-Trimethylbenzene (C10.1)

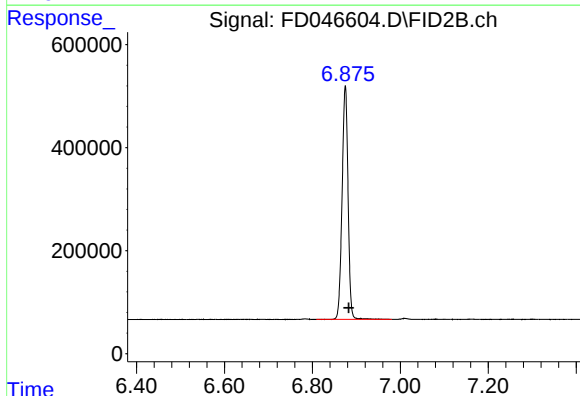
R.T.: 4.299 min
Delta R.T.: -0.007 min
Response: 4081262
Conc: 22.10 ug/ml

Instrument :
FID_D
ClientSampleId :



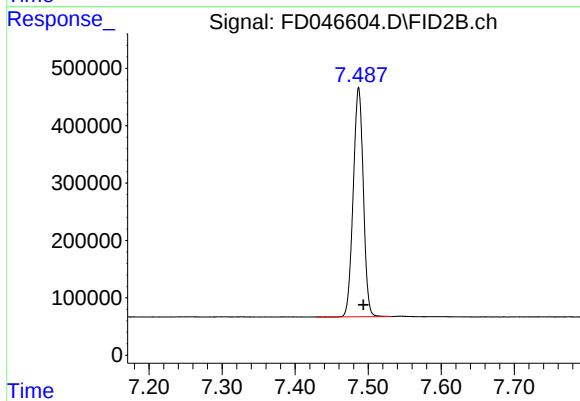
#2 Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 4241533
Conc: 21.95 ug/ml



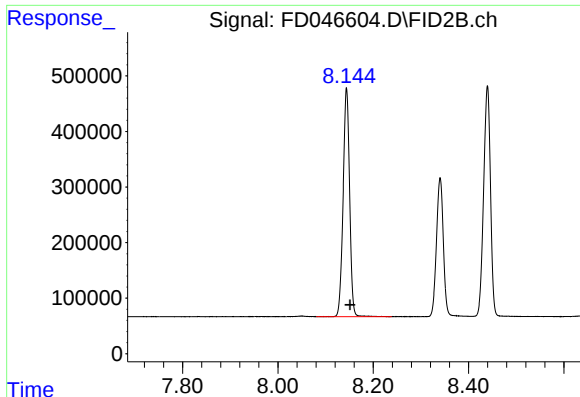
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 4264562
Conc: 22.01 ug/ml



#4 2-Bromonaphthalene (SURR)

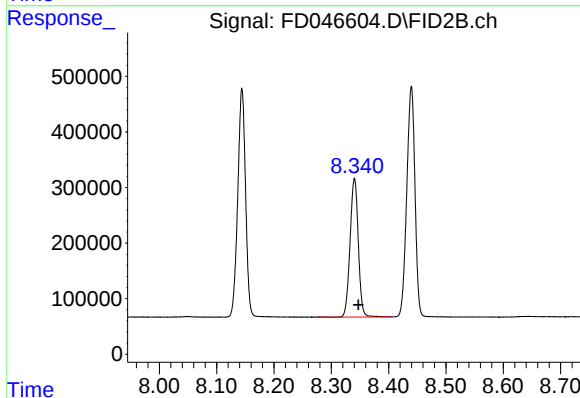
R.T.: 7.487 min
Delta R.T.: -0.007 min
Response: 3836548
Conc: 21.77 ug/ml



#5 Acenaphthylene (C15.06)

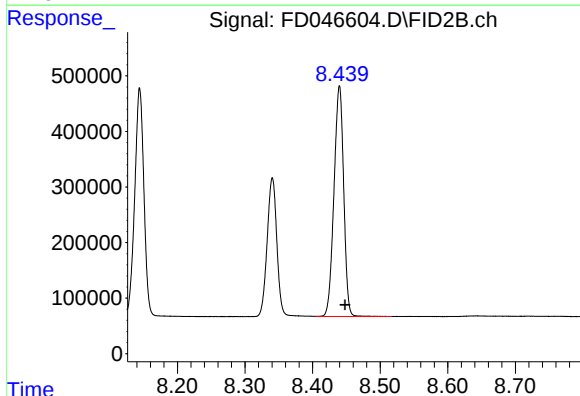
R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 3899838
Conc: 22.12 ug/ml

Instrument :
FID_D
ClientSampleId :



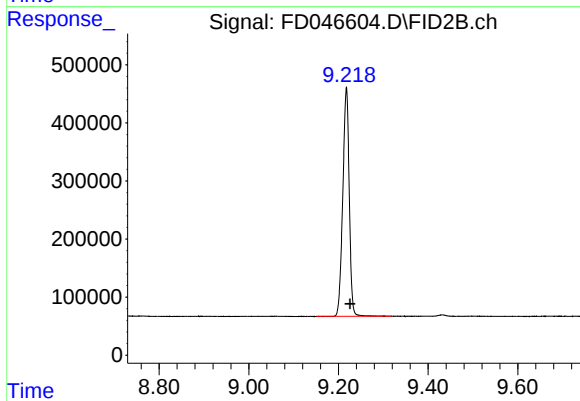
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: -0.007 min
Response: 2494656
Conc: 21.53 ug/ml



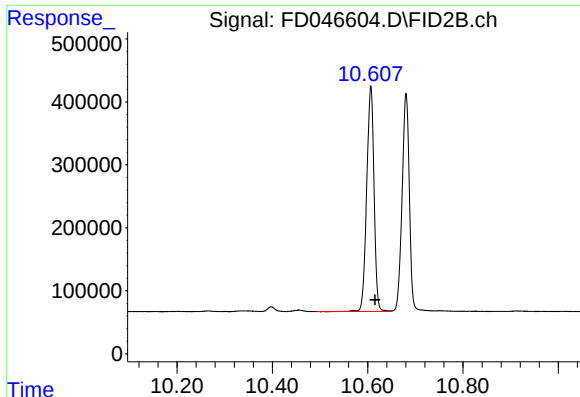
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: -0.009 min
Response: 4139330
Conc: 22.03 ug/ml



#8 Fluorene (C16.55)

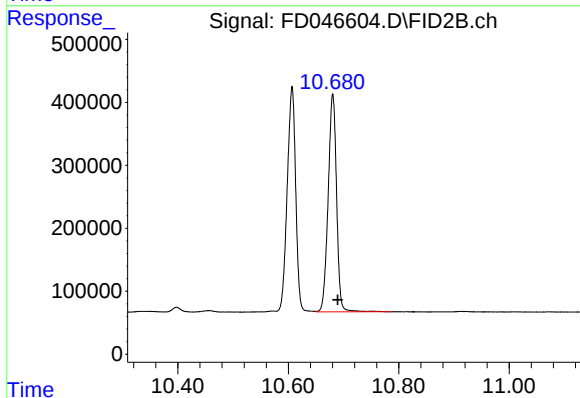
R.T.: 9.218 min
Delta R.T.: -0.009 min
Response: 3932772
Conc: 21.80 ug/ml



#9 Phenanthrene (C19.36)

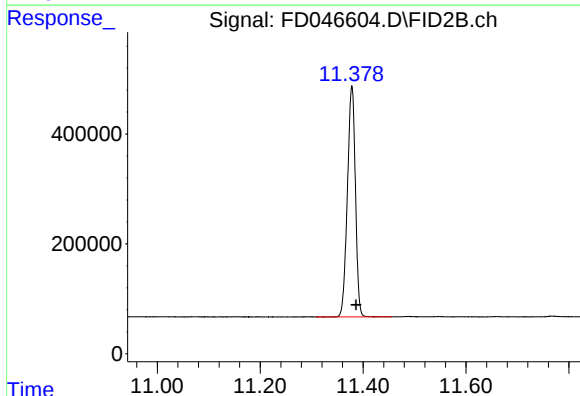
R.T.: 10.607 min
Delta R.T.: -0.009 min
Response: 3825953
Conc: 21.76 ug/ml

Instrument :
FID_D
ClientSampleId :



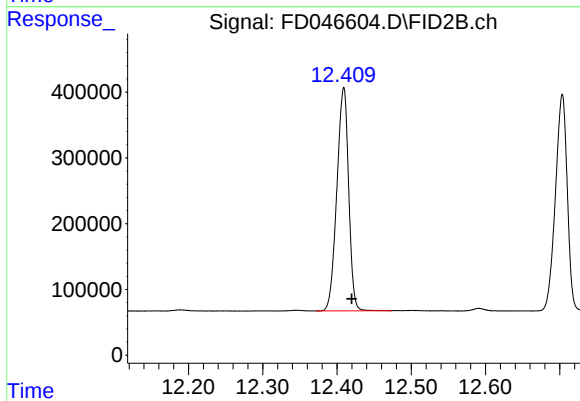
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: -0.009 min
Response: 3661432
Conc: 23.84 ug/ml



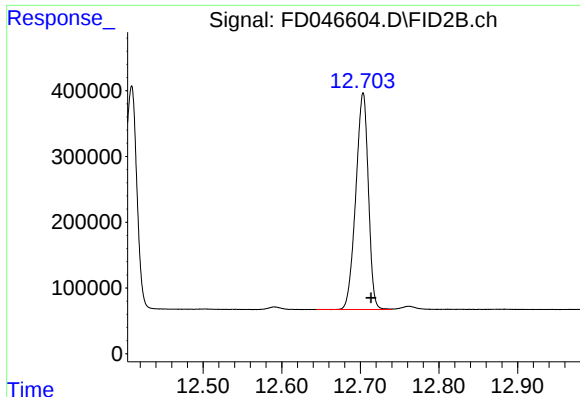
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.008 min
Response: 4540354
Conc: 22.29 ug/ml



#12 Fluoranthene (C21.85)

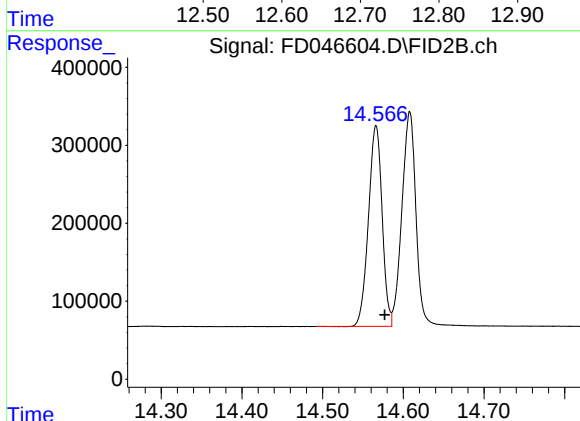
R.T.: 12.409 min
Delta R.T.: -0.011 min
Response: 3747559
Conc: 21.99 ug/ml



#13 Pyrene (C20.8)

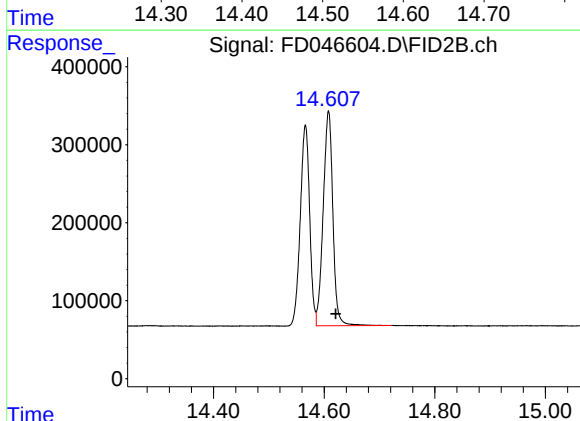
R.T.: 12.703 min
Delta R.T.: -0.010 min
Response: 3651959
Conc: 22.26 ug/ml

Instrument :
FID_D
ClientSampleId :



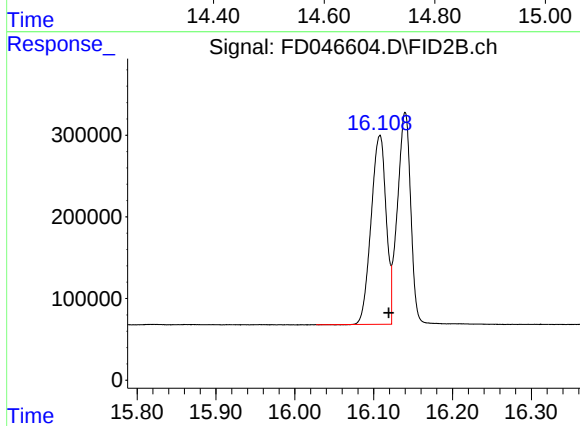
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 3025608
Conc: 21.67 ug/ml



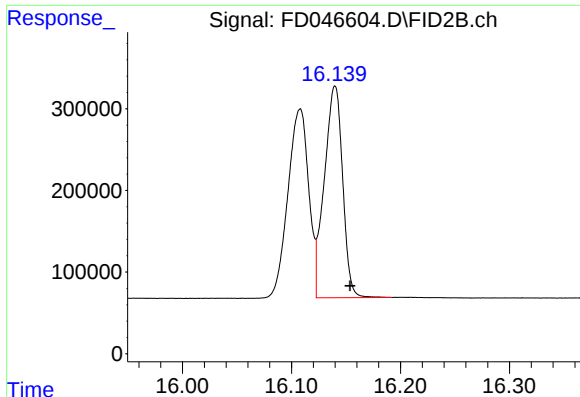
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.013 min
Response: 3343205
Conc: 22.02 ug/ml



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

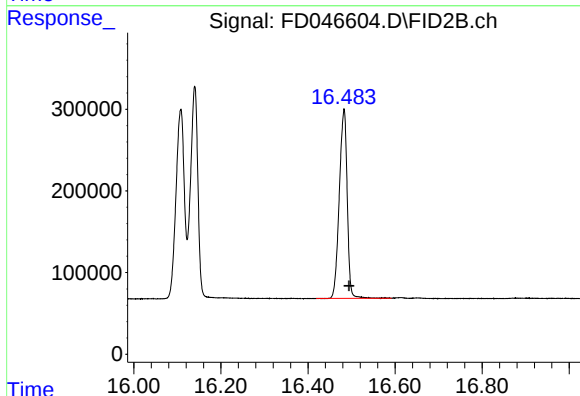
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 3064287
Conc: 22.34 ug/ml



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

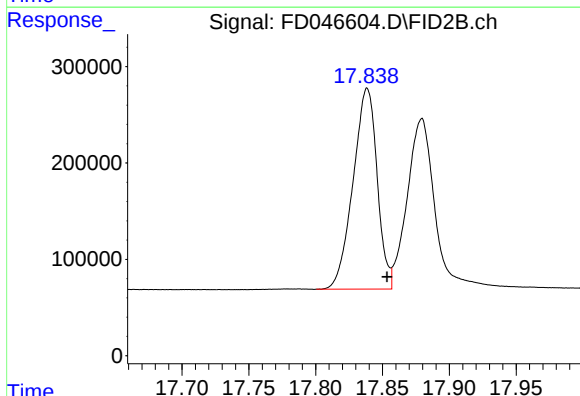
R.T.: 16.140 min
Delta R.T.: -0.014 min
Response: 3026500
Conc: 21.85 ug/ml

Instrument :
FID_D
ClientSampleId :



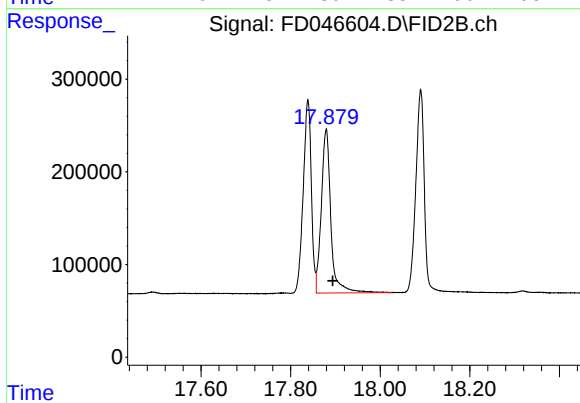
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.012 min
Response: 2917376
Conc: 21.81 ug/ml



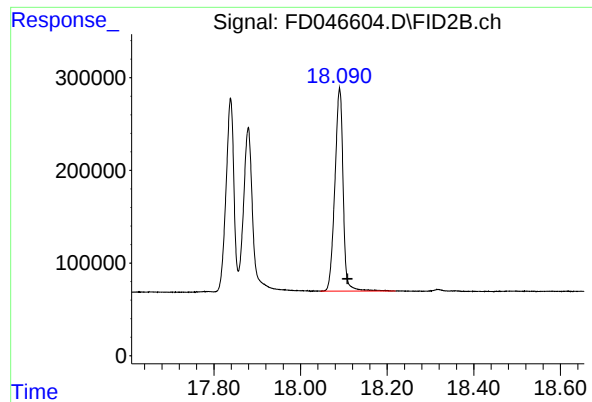
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: -0.015 min
Response: 2616999
Conc: 20.88 ug/ml



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

R.T.: 17.879 min
Delta R.T.: -0.015 min
Response: 2618329
Conc: 19.68 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.018 min
Response: 2894449
Conc: 21.95 ug/ml

Instrument :

FID_D

ClientSampleId :