

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046082.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 09:59
 Operator : YP/AJ
 Sample : PB154081BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 05:37:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.514	8130706	37.730 ug/ml
Spiked Amount 50.000		Recovery =	75.46%
6) S 2-Fluorobiphenyl (SURR)	8.367	3746827	27.072 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.14%
11) S ortho-Terphenyl (SURR)	11.410	10615809	41.873 ug/ml
Spiked Amount 50.000		Recovery =	83.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	6496193	26.078 ug/ml
2) T Naphthalene (C11.7)	5.852	7532676	29.526 ug/ml
3) T 2-Methylnaphthalene (...)	6.902	7702458	30.554 ug/ml
5) T Acenaphthylene (C15.06)	8.173	8574729	39.479 ug/ml
7) T Acenaphthene (C15.5)	8.470	8715958	36.976 ug/ml
8) T Fluorene (C16.55)	9.248	8522877	37.669 ug/ml
9) T Phenanthrene (C19.36)	10.638	8187606	38.372 ug/ml
10) T Anthracene (C19.43)	10.713	7847268	49.387 ug/ml
12) T Fluoranthene (C21.85)	12.443	7929447	38.746 ug/ml
13) T Pyrene (C20.8)	12.738	7916830	40.717 ug/ml
14) T Benzo[a]anthracene (C...	14.603	7533770	41.890 ug/ml
15) T Chrysene (C27.41)	14.647	7484751	38.134 ug/ml
16) T benzo[b]fluoranthene ...	16.147	7870155	41.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	7502732	37.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	6943259	39.851 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	7078173	38.033 ug/ml
20) T Dibenz[a,h]anthracene...	17.923	7032221	38.249 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	7332244	39.241 ug/ml

(f)=RT Delta > 1/2 Window

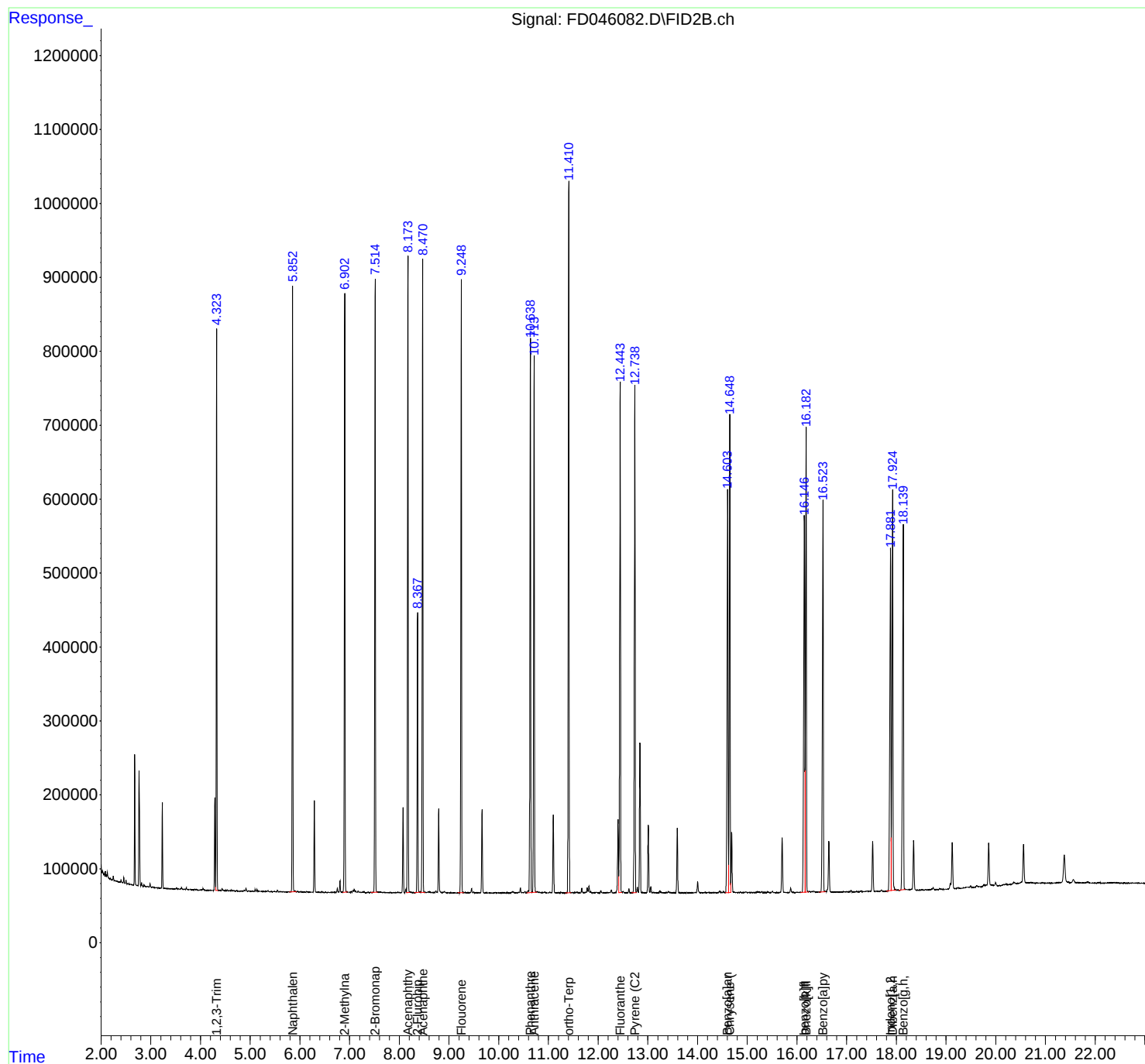
(m)=manual int.

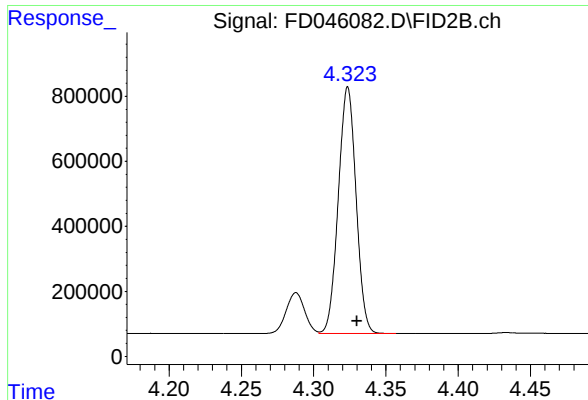
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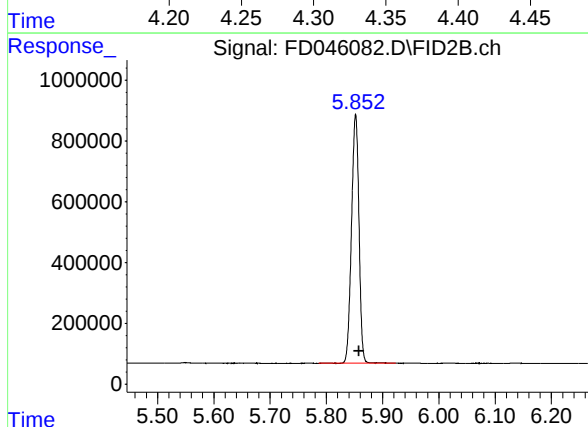




#1 1,2,3-Trimethylbenzene (C10.1)

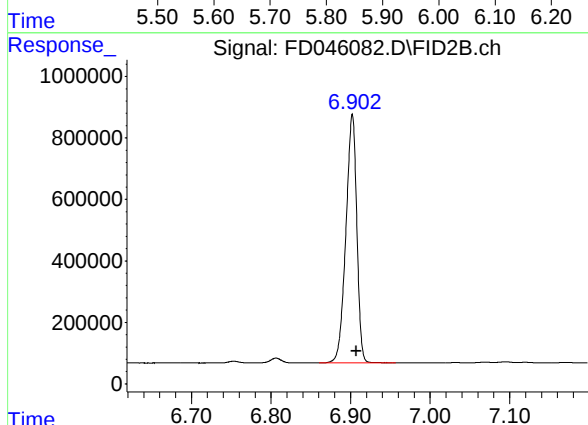
R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 6496193
Conc: 26.08 ug/ml

Instrument :
FID_D
ClientSampleId :



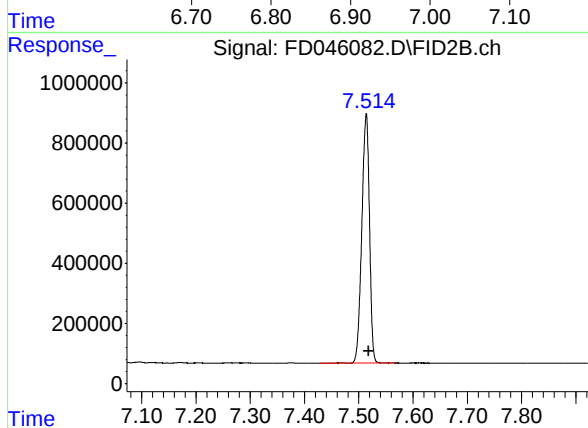
#2 Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.006 min
Response: 7532676
Conc: 29.53 ug/ml



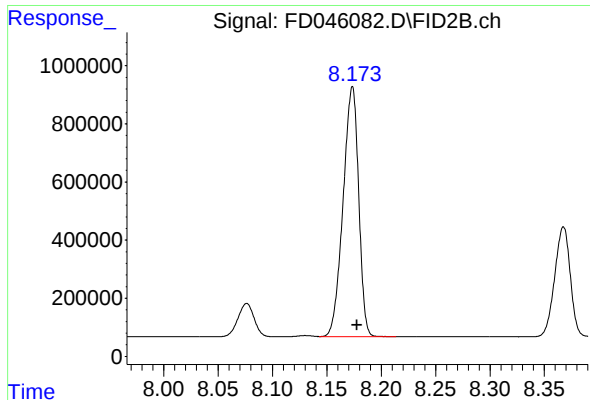
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 7702458
Conc: 30.55 ug/ml



#4 2-Bromonaphthalene (SURR)

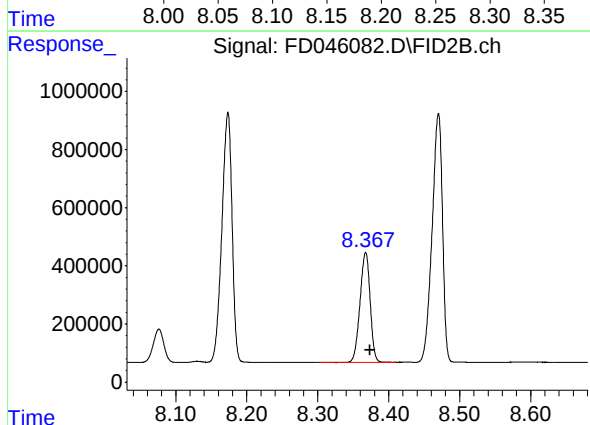
R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 8130706
Conc: 37.73 ug/ml



#5 Acenaphthylene (C15.06)

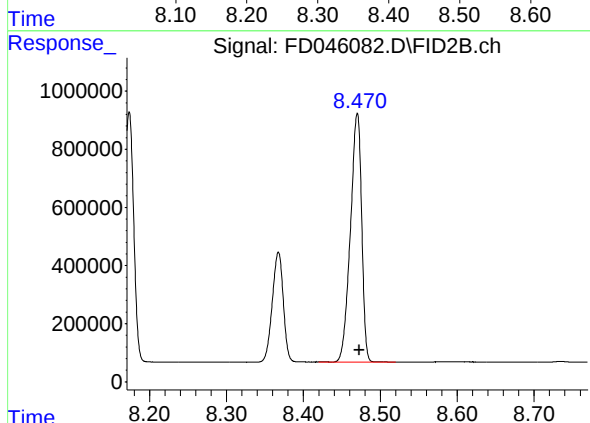
R.T.: 8.173 min
Delta R.T.: -0.005 min
Response: 8574729
Conc: 39.48 ug/ml

Instrument :
FID_D
ClientSampleId :



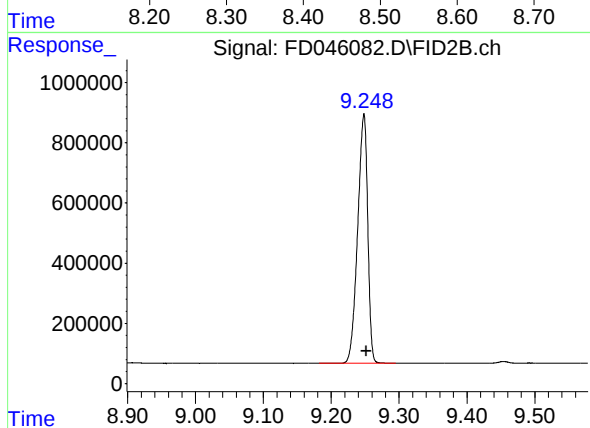
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.367 min
Delta R.T.: -0.006 min
Response: 3746827
Conc: 27.07 ug/ml



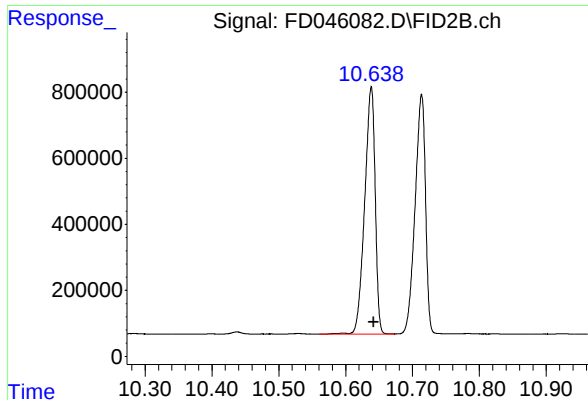
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 8715958
Conc: 36.98 ug/ml



#8 Flouorene (C16.55)

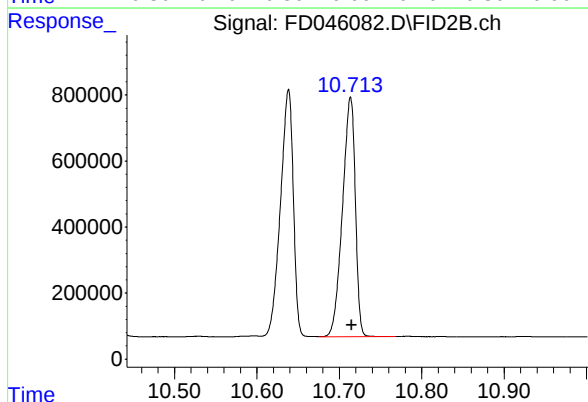
R.T.: 9.248 min
Delta R.T.: -0.004 min
Response: 8522877
Conc: 37.67 ug/ml



#9 Phenanthrene (C19.36)

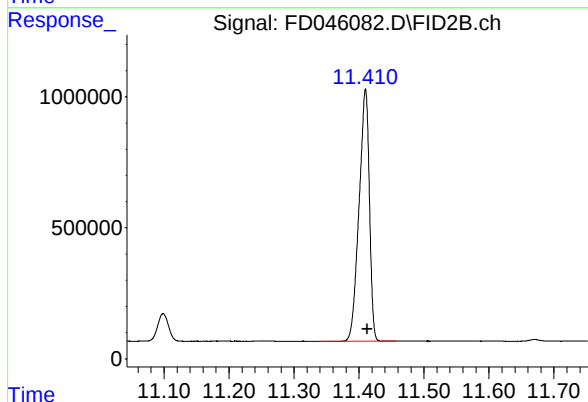
R.T.: 10.638 min
Delta R.T.: -0.004 min
Response: 8187606
Conc: 38.37 ug/ml

Instrument :
FID_D
ClientSampleId :



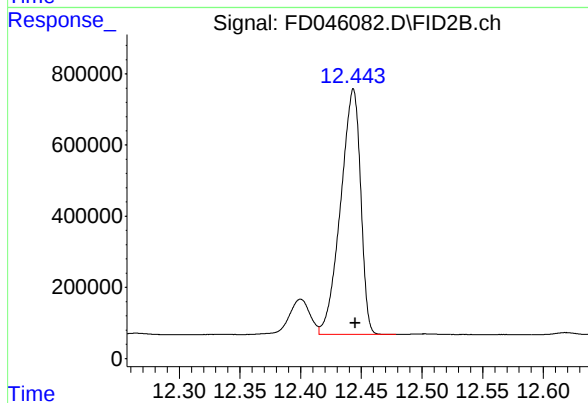
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.002 min
Response: 7847268
Conc: 49.39 ug/ml



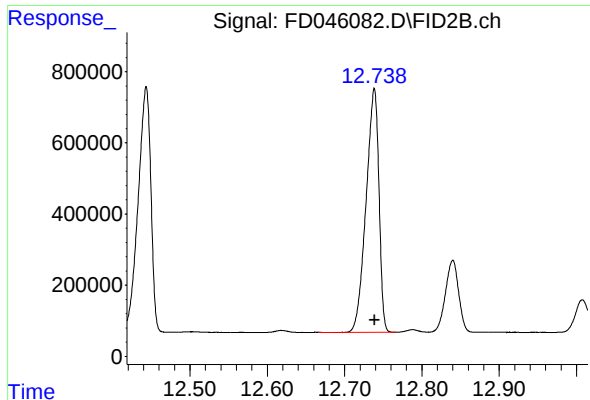
#11 ortho-Terphenyl (SURR)

R.T.: 11.410 min
Delta R.T.: -0.003 min
Response: 10615809
Conc: 41.87 ug/ml



#12 Fluoranthene (C21.85)

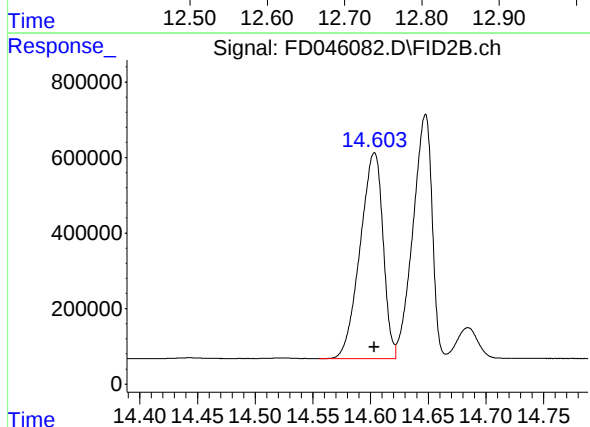
R.T.: 12.443 min
Delta R.T.: -0.002 min
Response: 7929447
Conc: 38.75 ug/ml



#13 Pyrene (C20.8)

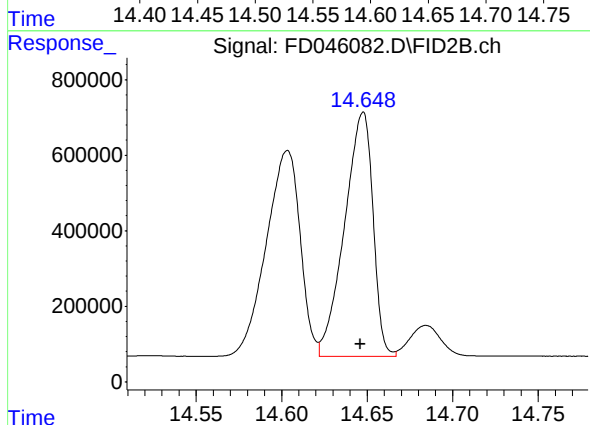
R.T.: 12.738 min
Delta R.T.: -0.001 min
Response: 7916830
Conc: 40.72 ug/ml

Instrument :
FID_D
ClientSampleId :



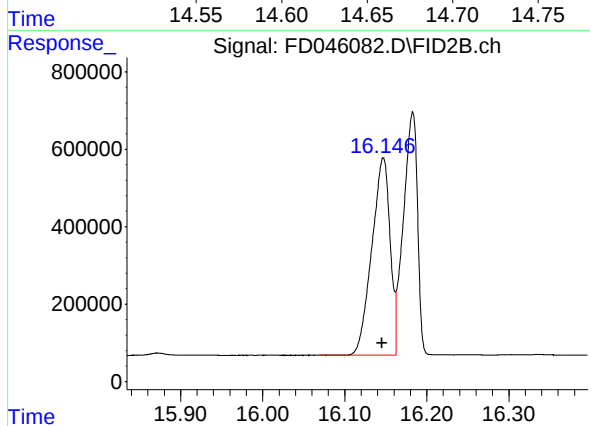
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 7533770
Conc: 41.89 ug/ml



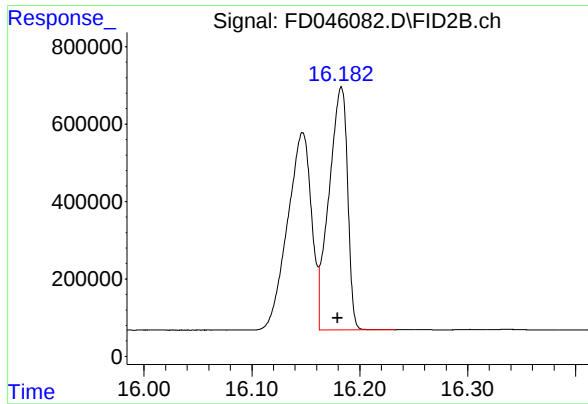
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 7484751
Conc: 38.13 ug/ml



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

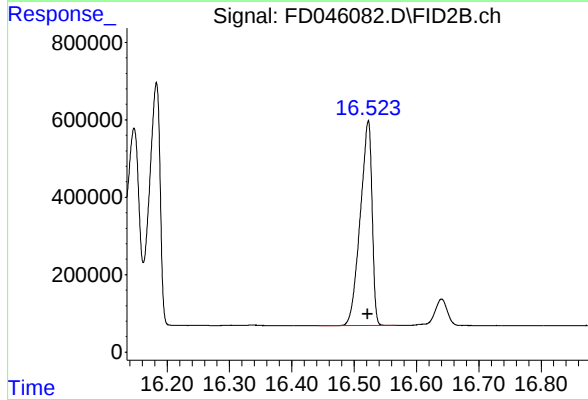
R.T.: 16.147 min
Delta R.T.: 0.000 min
Response: 7870155
Conc: 41.96 ug/ml



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

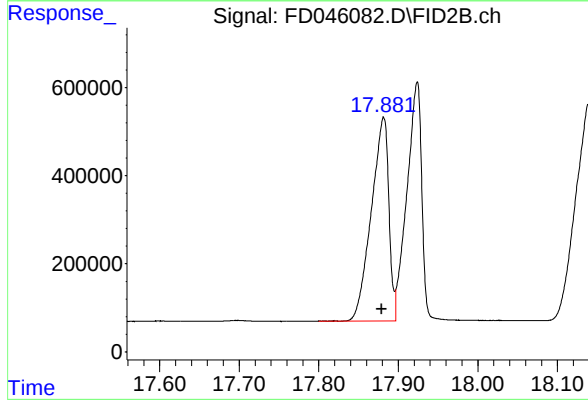
R.T.: 16.182 min
Delta R.T.: 0.003 min
Response: 7502732
Conc: 37.93 ug/ml

Instrument :
FID_D
ClientSampleId :



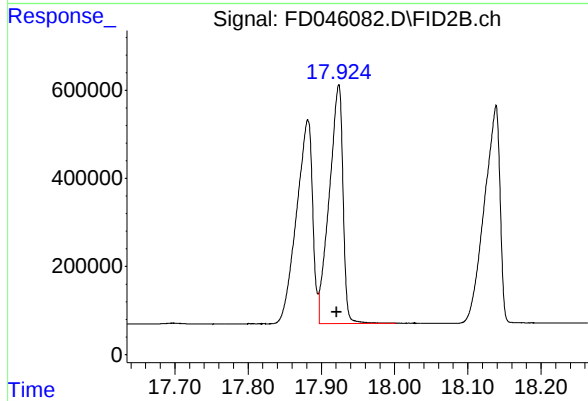
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: 0.000 min
Response: 6943259
Conc: 39.85 ug/ml



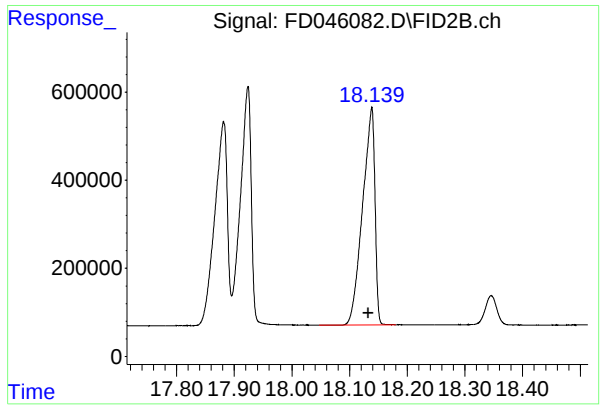
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.002 min
Response: 7078173
Conc: 38.03 ug/ml



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

R.T.: 17.923 min
Delta R.T.: 0.002 min
Response: 7032221
Conc: 38.25 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.005 min
Response: 7332244
Conc: 39.24 ug/ml

Instrument :
FID_D
ClientSampleId :