

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052423AR\
 Data File : FD045741.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2023 17:22
 Operator : YP/AJ
 Sample : PB153015BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 02:52:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.542	6832965	40.059 ug/ml
Spiked Amount 50.000		Recovery =	80.12%
6) S 2-Fluorobiphenyl (SURR)	8.396	3207991	27.902 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.80%
11) S ortho-Terphenyl (SURR)	11.439	9481622	44.911 ug/ml
Spiked Amount 50.000		Recovery =	89.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	5338729	28.601 ug/ml
2) T Naphthalene (C11.7)	5.879	6366222	32.365 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	6581301	33.315 ug/ml
5) T Acenaphthylene (C15.06)	8.202	7416775	41.281 ug/ml
7) T Acenaphthene (C15.5)	8.498	7535775	39.600 ug/ml
8) T Flouorene (C16.55)	9.277	7561262	40.093 ug/ml
9) T Phenanthrene (C19.36)	10.668	7564132	40.695 ug/ml
10) T Anthracene (C19.43)	10.744	7588014	42.445 ug/ml
12) T Fluoranthene (C21.85)	12.473	7492861	41.535 ug/ml
13) T Pyrene (C20.8)	12.768	7462267	42.578 ug/ml
14) T Benzo[a]anthracene (C...	14.632	6815185	42.817 ug/ml
15) T Chrysene (C27.41)	14.676	6719241	41.380 ug/ml
16) T benzo[b]fluoranthene ...	16.176	6556415	44.518 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	6278517	43.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	5750903	41.247 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	5769902	45.414 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	5917955	46.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	5976933	46.468 ug/ml

(f)=RT Delta > 1/2 Window

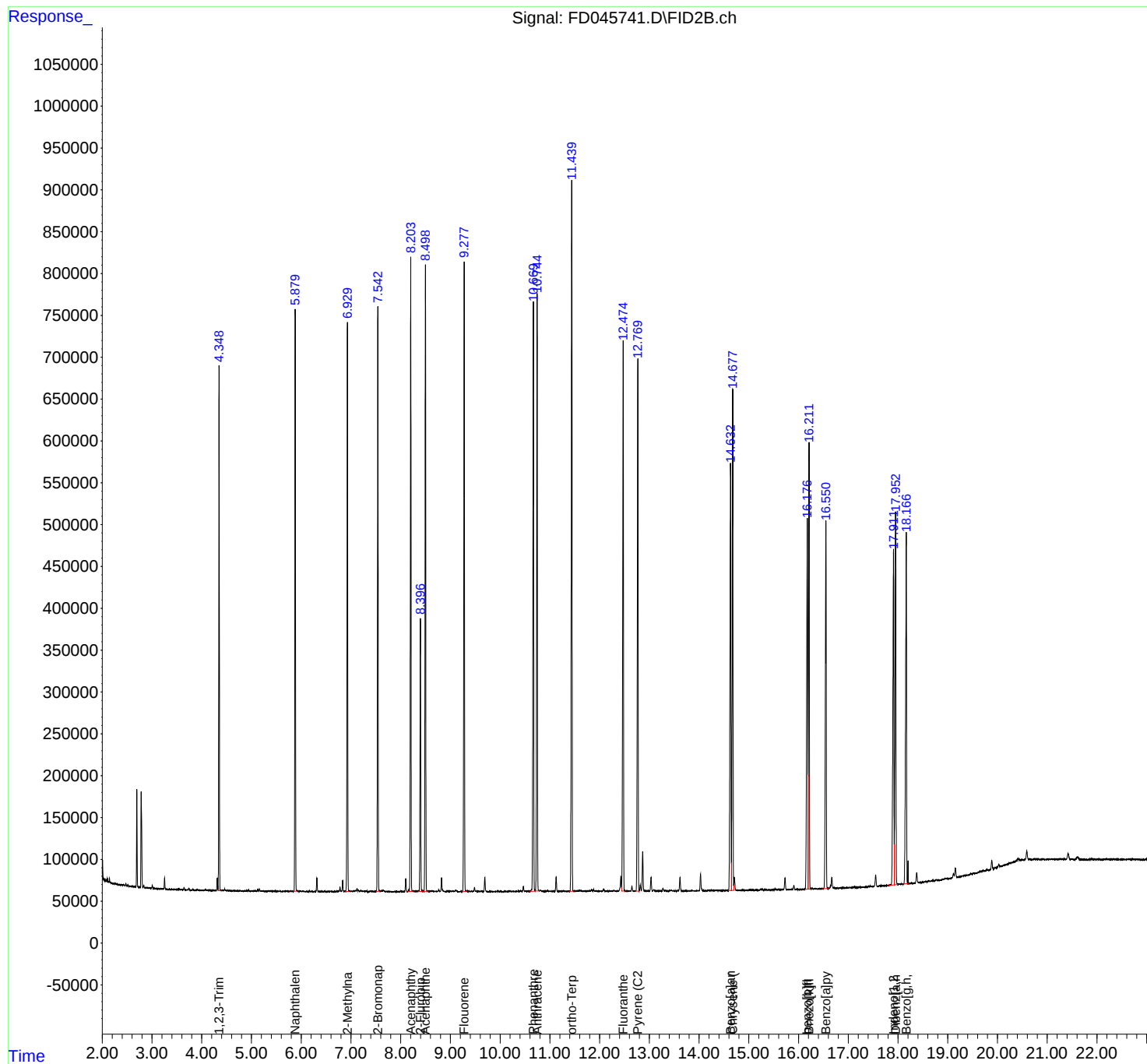
(m)=manual int.

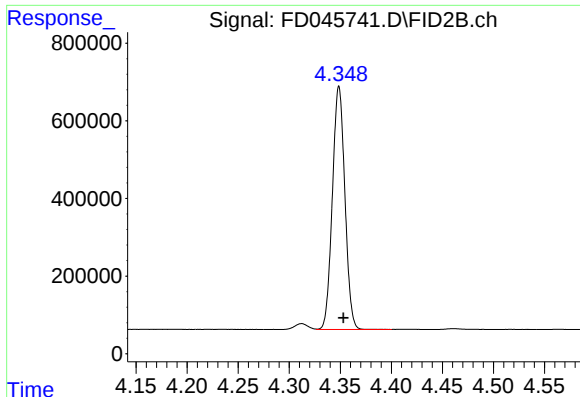
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052423AR\
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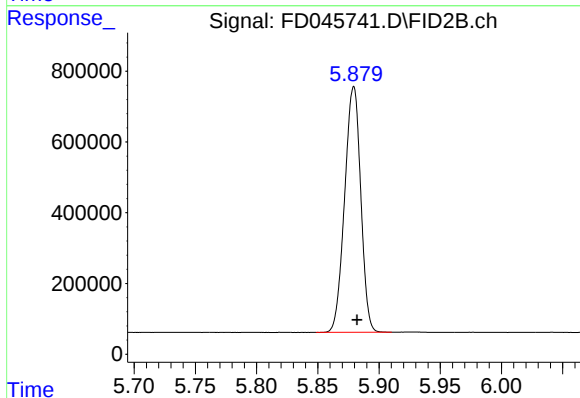




#1 1,2,3-Trimethylbenzene (C10.1)

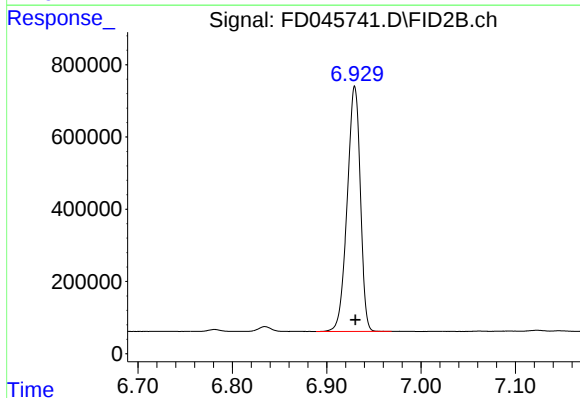
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 5338729
Conc: 28.60 ug/ml

Instrument :
FID_D
ClientSampleId :



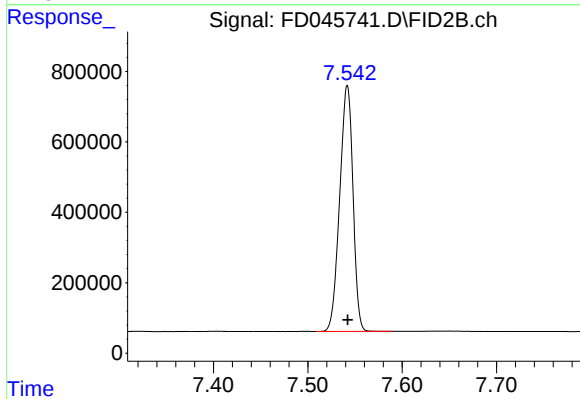
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 6366222
Conc: 32.37 ug/ml



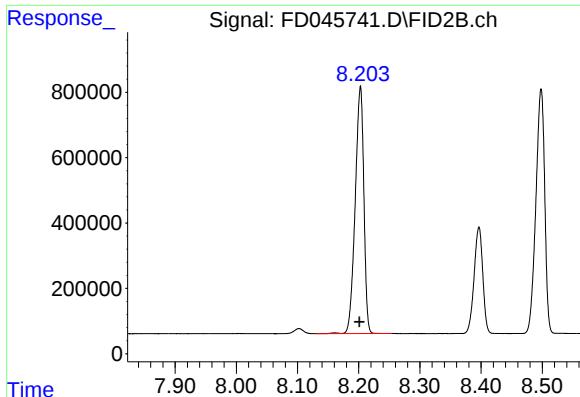
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 6581301
Conc: 33.32 ug/ml



#4 2-Bromonaphthalene (SURR)

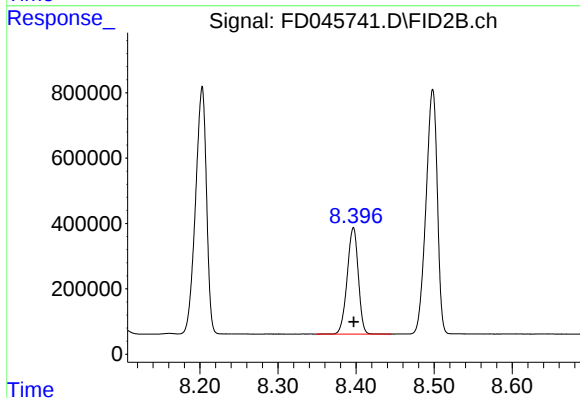
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 6832965
Conc: 40.06 ug/ml



#5 Acenaphthylene (C15.06)

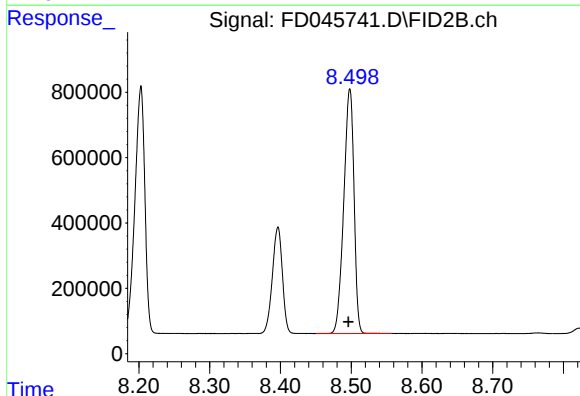
R.T.: 8.202 min
Delta R.T.: 0.001 min
Response: 7416775
Conc: 41.28 ug/ml

Instrument :
FID_D
ClientSampleId :



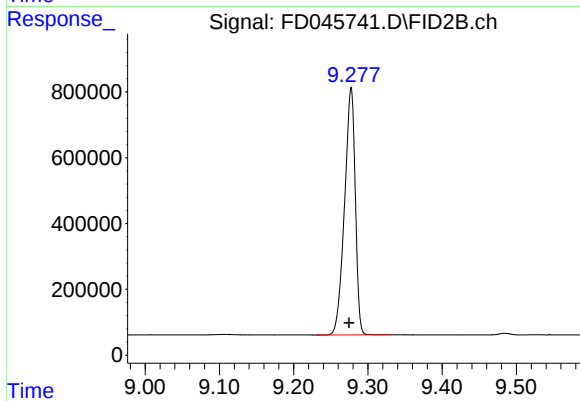
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 3207991
Conc: 27.90 ug/ml



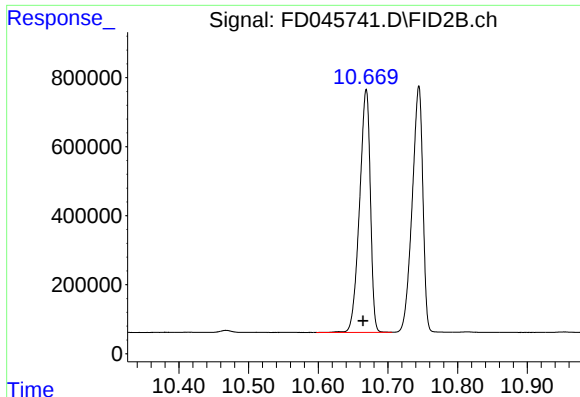
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 7535775
Conc: 39.60 ug/ml



#8 Fluorene (C16.55)

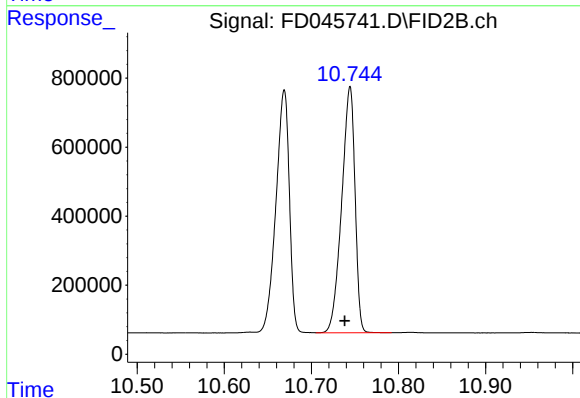
R.T.: 9.277 min
Delta R.T.: 0.003 min
Response: 7561262
Conc: 40.09 ug/ml



#9 Phenanthrene (C19.36)

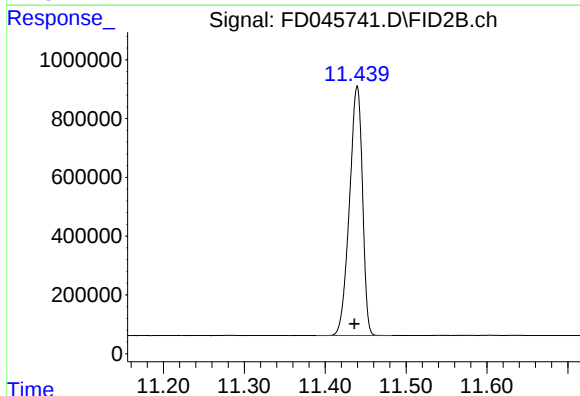
R.T.: 10.668 min
Delta R.T.: 0.004 min
Response: 7564132
Conc: 40.69 ug/ml

Instrument :
FID_D
ClientSampleId :



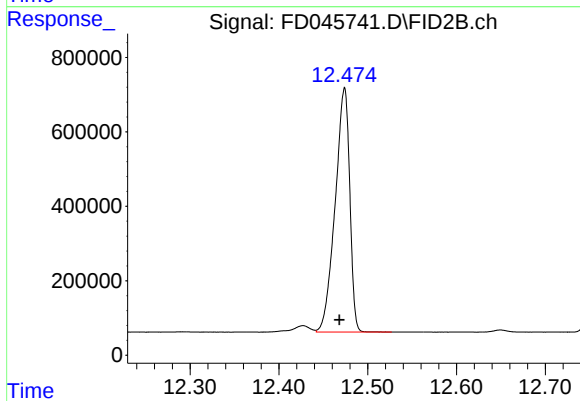
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: 0.006 min
Response: 7588014
Conc: 42.45 ug/ml



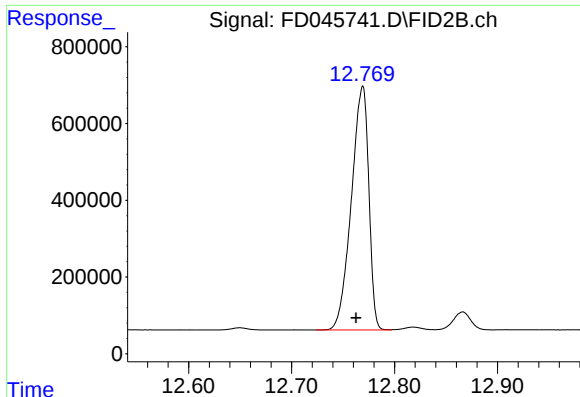
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 9481622
Conc: 44.91 ug/ml



#12 Fluoranthene (C21.85)

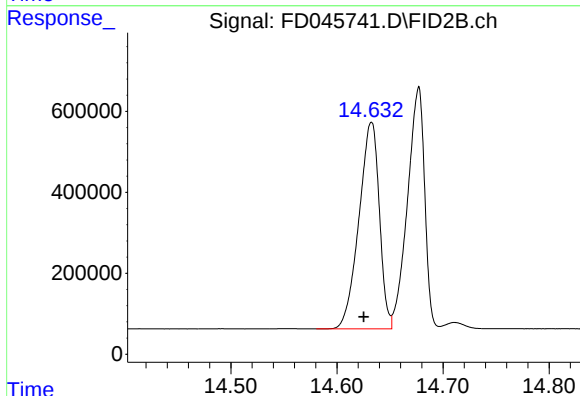
R.T.: 12.473 min
Delta R.T.: 0.005 min
Response: 7492861
Conc: 41.54 ug/ml



#13 Pyrene (C20.8)

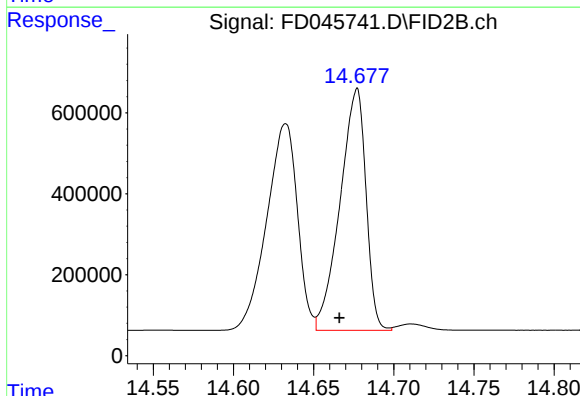
R.T.: 12.768 min
Delta R.T.: 0.006 min
Response: 7462267
Conc: 42.58 ug/ml

Instrument :
FID_D
ClientSampleId :



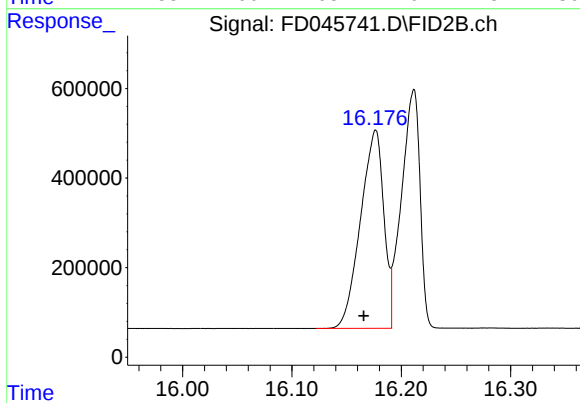
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: 0.007 min
Response: 6815185
Conc: 42.82 ug/ml



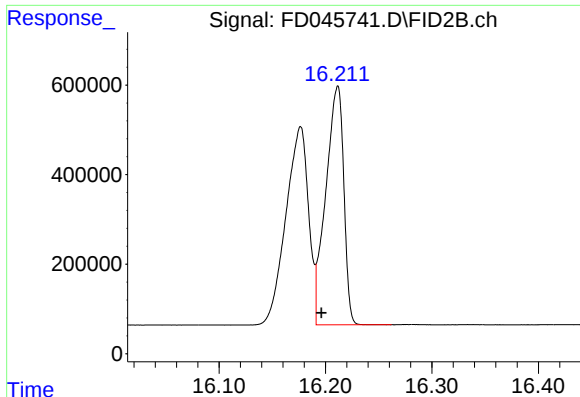
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.010 min
Response: 6719241
Conc: 41.38 ug/ml



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

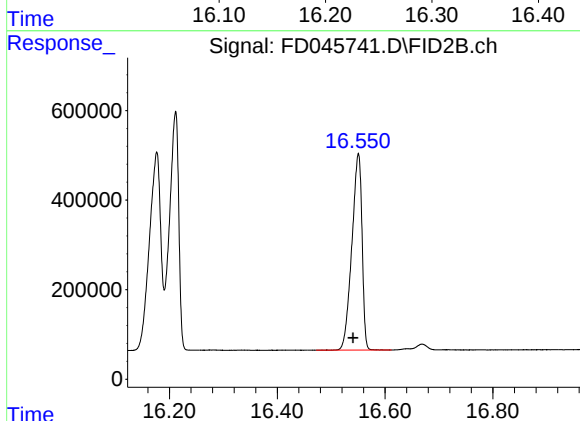
R.T.: 16.176 min
Delta R.T.: 0.010 min
Response: 6556415
Conc: 44.52 ug/ml



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

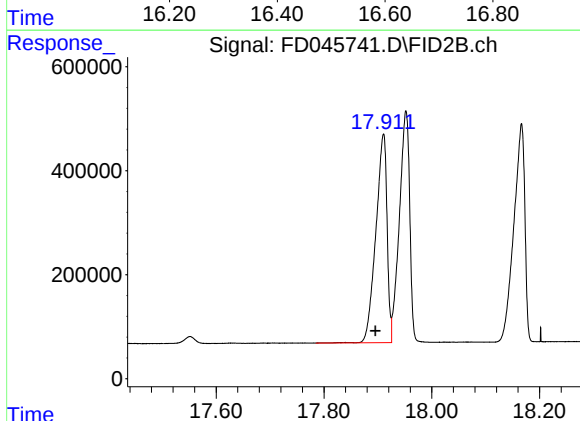
R.T.: 16.211 min
Delta R.T.: 0.015 min
Response: 6278517
Conc: 43.42 ug/ml

Instrument :
FID_D
ClientSampleId :



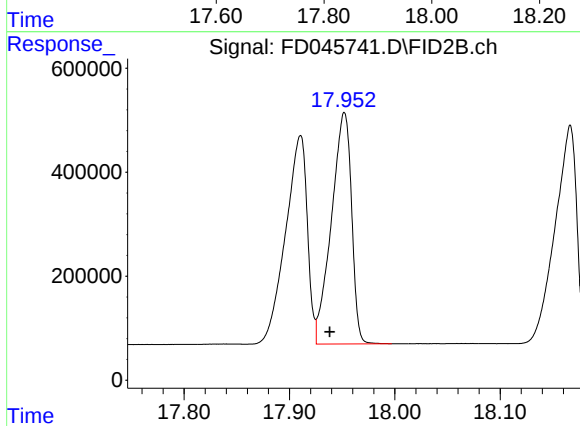
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: 0.010 min
Response: 5750903
Conc: 41.25 ug/ml



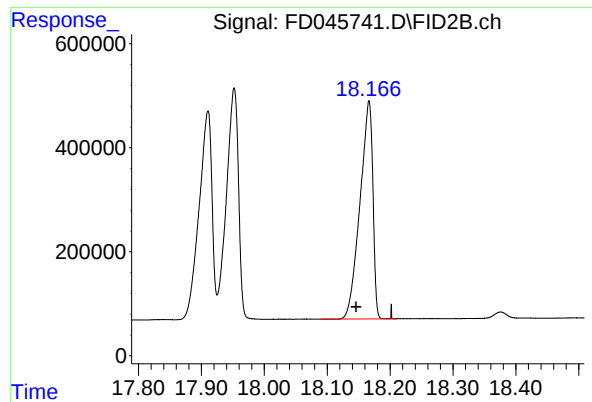
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.014 min
Response: 5769902
Conc: 45.41 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.014 min
Response: 5917955
Conc: 46.08 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.020 min
Response: 5976933
Conc: 46.47 ug/ml

Instrument :

FID_D

ClientSampleId :