

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044968.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 21:41
 Operator : YP/AJ
 Sample : PB150705BSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150705BSD

Integration File: autoint1.e
 Quant Time: Feb 08 04:08:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.558	6068275	41.376 ug/ml
Spiked Amount 50.000		Recovery =	82.75%
6) S 2-Fluorobiphenyl (SURR)	8.414	4077099	40.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.70%
11) S ortho-Terphenyl (SURR)	11.455	6210255	33.414 ug/ml
Spiked Amount 50.000		Recovery =	66.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	4659071	29.187 ug/ml
2) T Naphthalene (C11.7)	5.896	5268409	31.094 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5225268	30.458 ug/ml
5) T Acenaphthylene (C15.06)	8.218	5701907	36.285 ug/ml
7) T Acenaphthene (C15.5)	8.514	5833547	35.085 ug/ml
8) T Flouorene (C16.55)	9.292	5915504	36.040 ug/ml
9) T Phenanthrene (C19.36)	10.684	6048564	37.410 ug/ml
10) T Anthracene (C19.43)	10.759	5973864	40.297 ug/ml
12) T Fluoranthene (C21.85)	12.490	6059286	37.860 ug/ml
13) T Pyrene (C20.8)	12.786	6028176	38.417 ug/ml
14) T Benzo[a]anthracene (C...	14.650	5620273	39.379 ug/ml
15) T Chrysene (C27.41)	14.695	5541487	37.427 ug/ml
16) T benzo[b]fluoranthene ...	16.194	5601743	38.614 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	5261717	36.906 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	4938337	35.340 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	5121644	38.059 ug/ml
20) T Dibenz[a,h]anthracene...	17.970	4950731	37.359 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	5109423	37.578 ug/ml

(f)=RT Delta > 1/2 Window

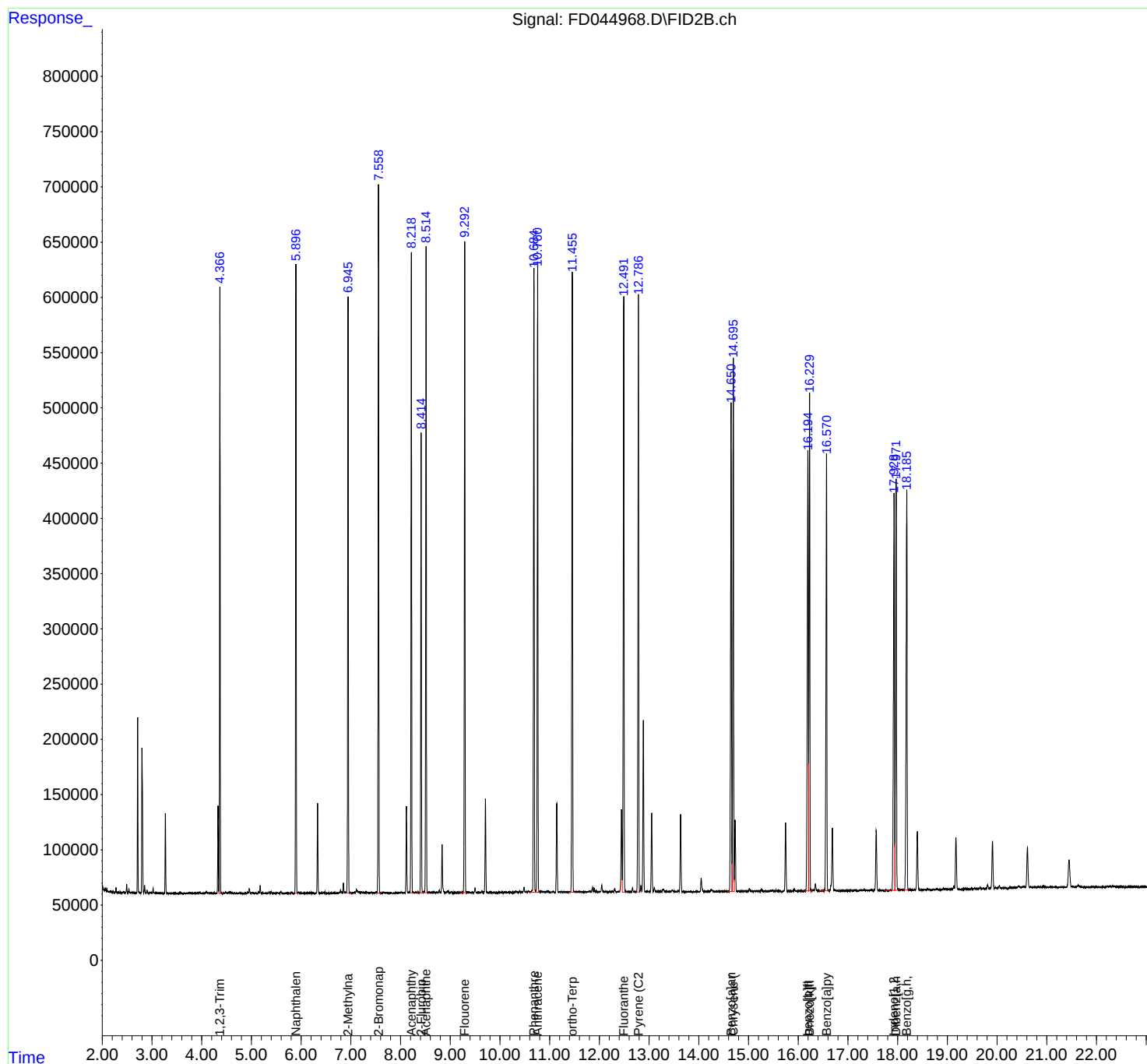
(m)=manual int.

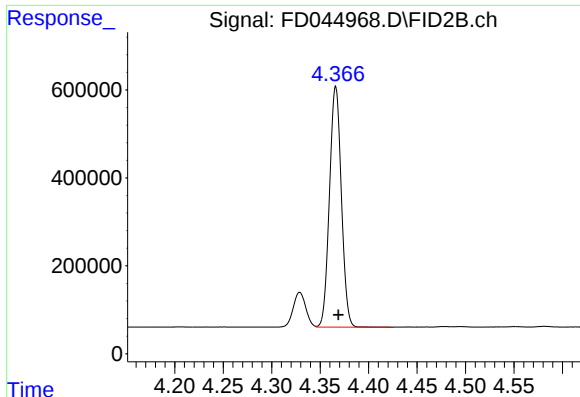
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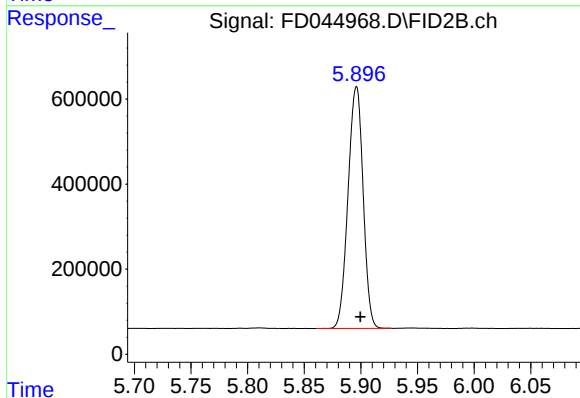




#1 1,2,3-Trimethylbenzene (C10.1)

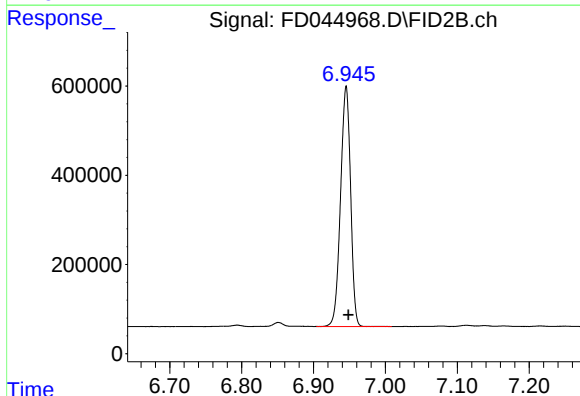
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 4659071
Conc: 29.19 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150705BSD



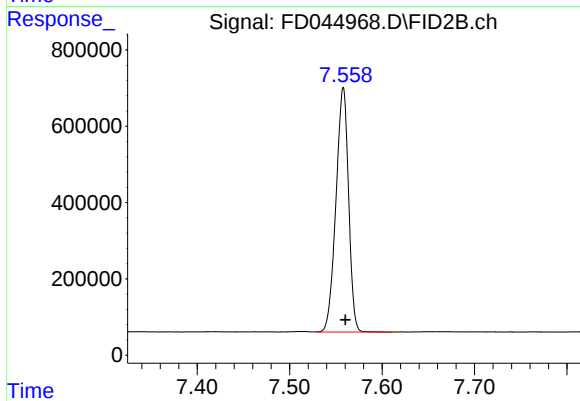
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5268409
Conc: 31.09 ug/ml



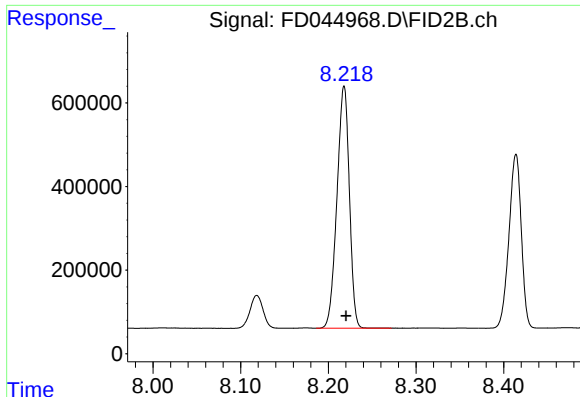
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 5225268
Conc: 30.46 ug/ml



#4 2-Bromonaphthalene (SURR)

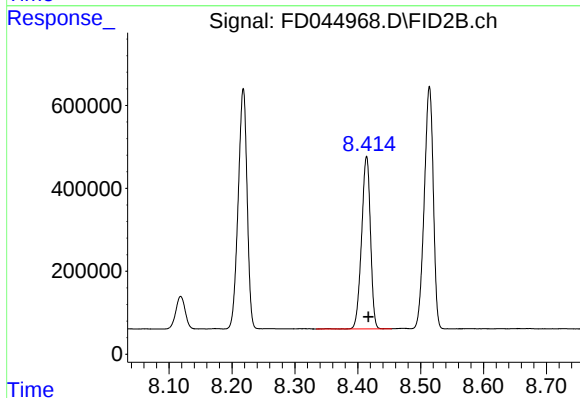
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 6068275
Conc: 41.38 ug/ml



#5 Acenaphthylene (C15.06)

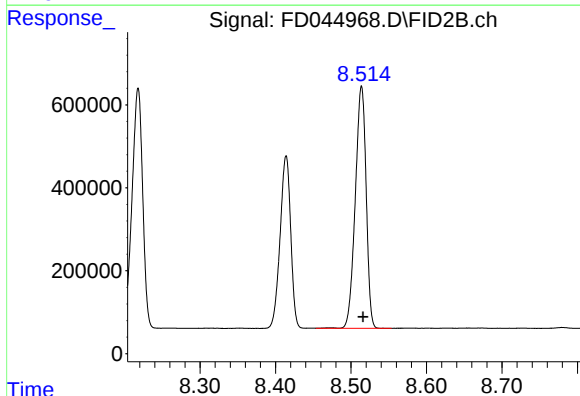
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 5701907
Conc: 36.29 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150705BSD



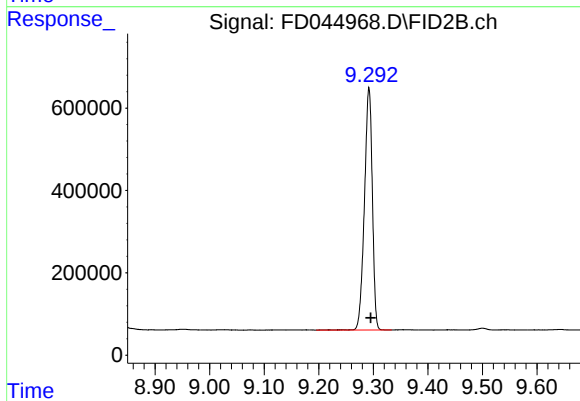
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4077099
Conc: 40.85 ug/ml



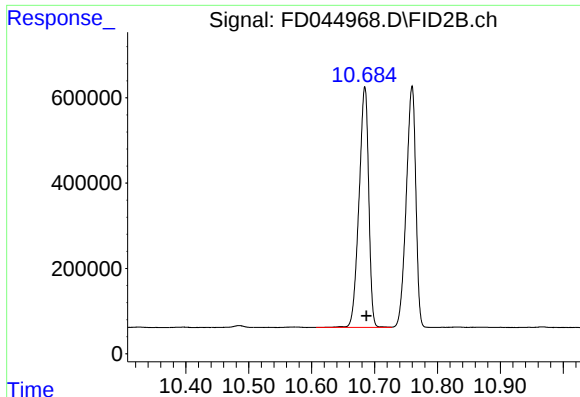
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 5833547
Conc: 35.08 ug/ml



#8 Fluorene (C16.55)

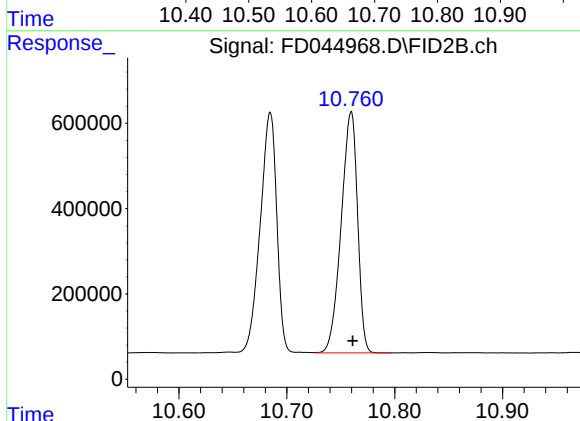
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 5915504
Conc: 36.04 ug/ml



#9 Phenanthrene (C19.36)

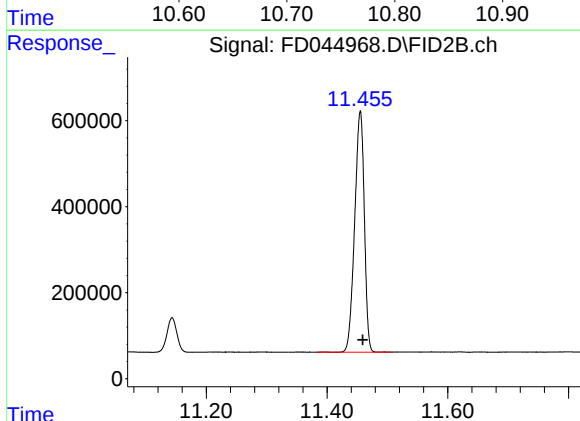
R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 6048564
Conc: 37.41 ug/ml

Instrument :
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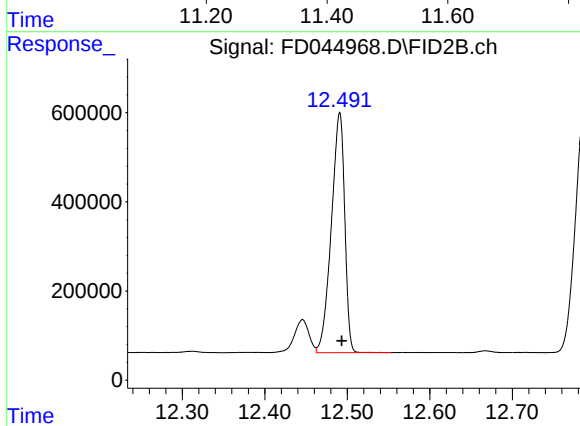
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 5973864
Conc: 40.30 ug/ml



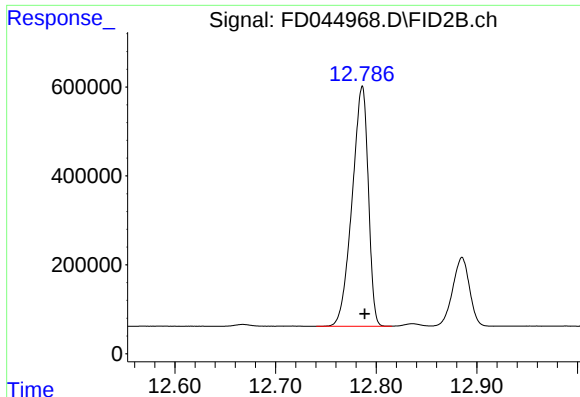
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6210255
Conc: 33.41 ug/ml



#12 Fluoranthene (C21.85)

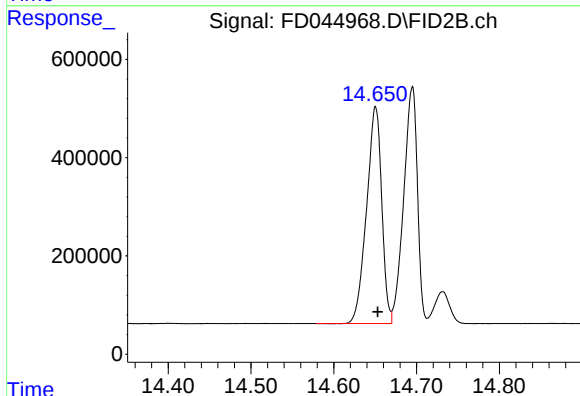
R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 6059286
Conc: 37.86 ug/ml



#13 Pyrene (C20.8)

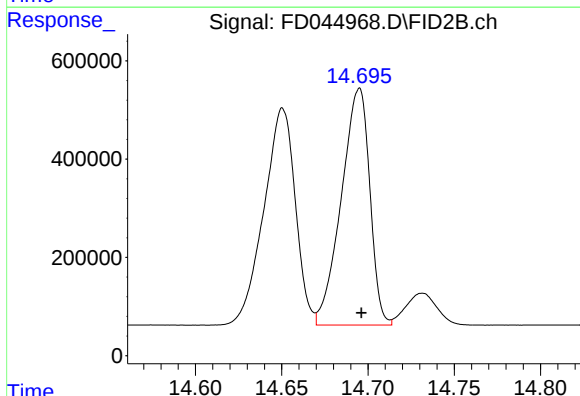
R.T.: 12.786 min
Delta R.T.: -0.003 min
Response: 6028176
Conc: 38.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150705BSD



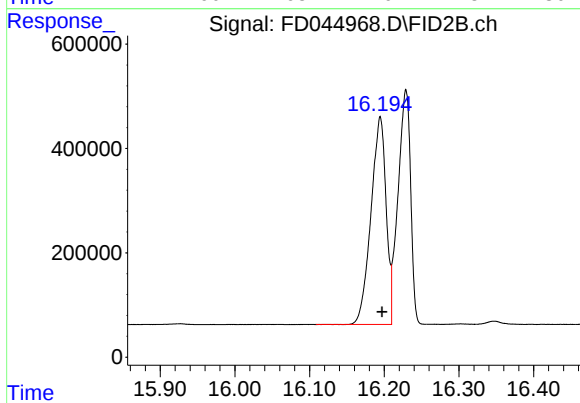
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.003 min
Response: 5620273
Conc: 39.38 ug/ml



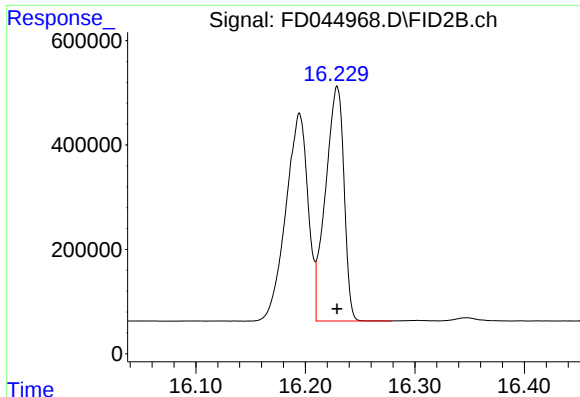
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: -0.002 min
Response: 5541487
Conc: 37.43 ug/ml



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

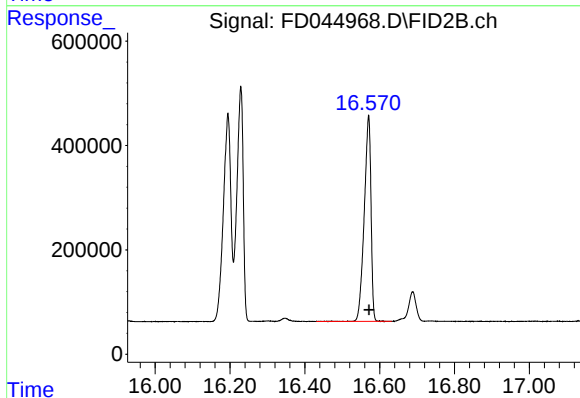
R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 5601743
Conc: 38.61 ug/ml



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

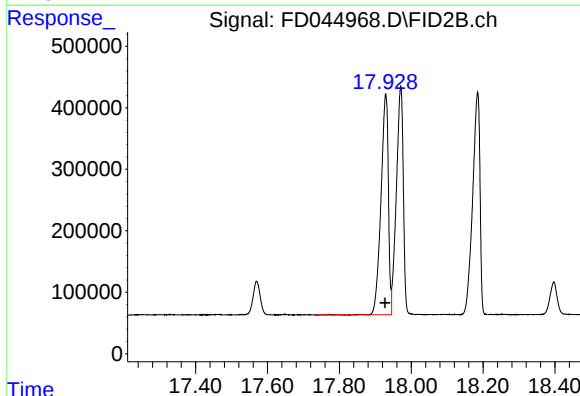
R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 5261717
Conc: 36.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150705BSD



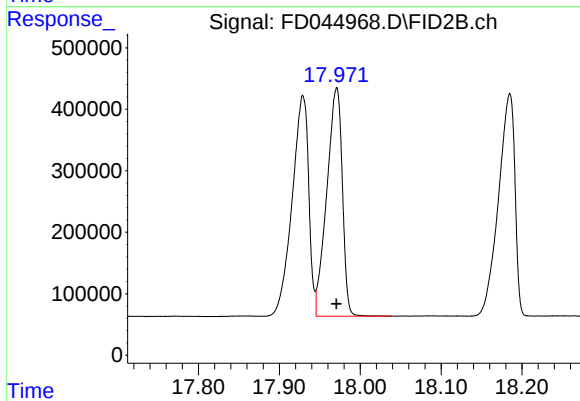
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.002 min
Response: 4938337
Conc: 35.34 ug/ml



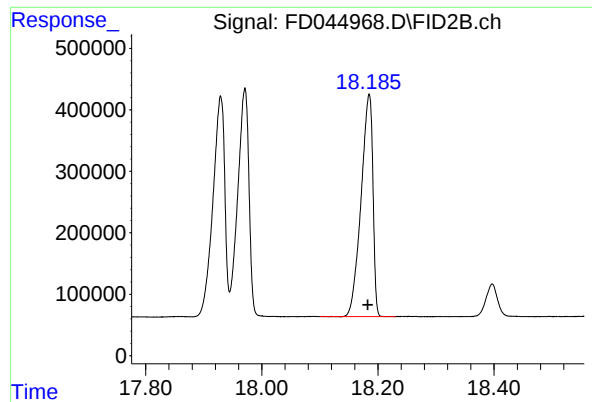
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.000 min
Response: 5121644
Conc: 38.06 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.000 min
Response: 4950731
Conc: 37.36 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.002 min
Response: 5109423
Conc: 37.58 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150705BSD