

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041814.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 17:46
 Operator : UA/NP
 Sample : PB143740BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143740BS

Integration File: autoint1.e
 Quant Time: Mar 31 01:22:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.348	6821568	42.531 ug/ml
Spiked Amount 50.000		Recovery =	85.06%
6) S 2-Fluorobiphenyl (SURR)	8.197	4408240	44.611 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.22%
11) S ortho-Terphenyl (SURR)	11.229	6695356	34.442 ug/ml
Spiked Amount 50.000		Recovery =	68.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	5232471	29.873 ug/ml
2) T Naphthalene (C11.7)	5.689	5912260	33.509 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	5854512	36.592 ug/ml
5) T Acenaphthylene (C15.06)	7.999	6099150	32.958 ug/ml
7) T Acenaphthene (C15.5)	8.294	6810861	35.479 ug/ml
8) T Fluorene (C16.55)	9.071	6623203	37.542 ug/ml
9) T Phenanthrene (C19.36)	10.458	6718160	38.515 ug/ml
10) T Anthracene (C19.43)	10.534	6820331	37.472 ug/ml
12) T Fluoranthene (C21.85)	12.262	6646330	37.648 ug/ml
13) T Pyrene (C20.8)	12.555	6391886	37.807 ug/ml
14) T Benzo[a]anthracene (C...	14.425	5698592	38.110 ug/ml
15) T Chrysene (C27.41)	14.467	5577231	30.986 ug/ml
16) T benzo[b]fluoranthene ...	15.973	5683143	38.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	5870677	35.528 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.349	5090345	36.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	5262746	47.782 ug/ml
20) T Dibenz[a,h]anthracene...	17.754	5540970	38.273 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	5496863	41.418 ug/ml

(f)=RT Delta > 1/2 Window

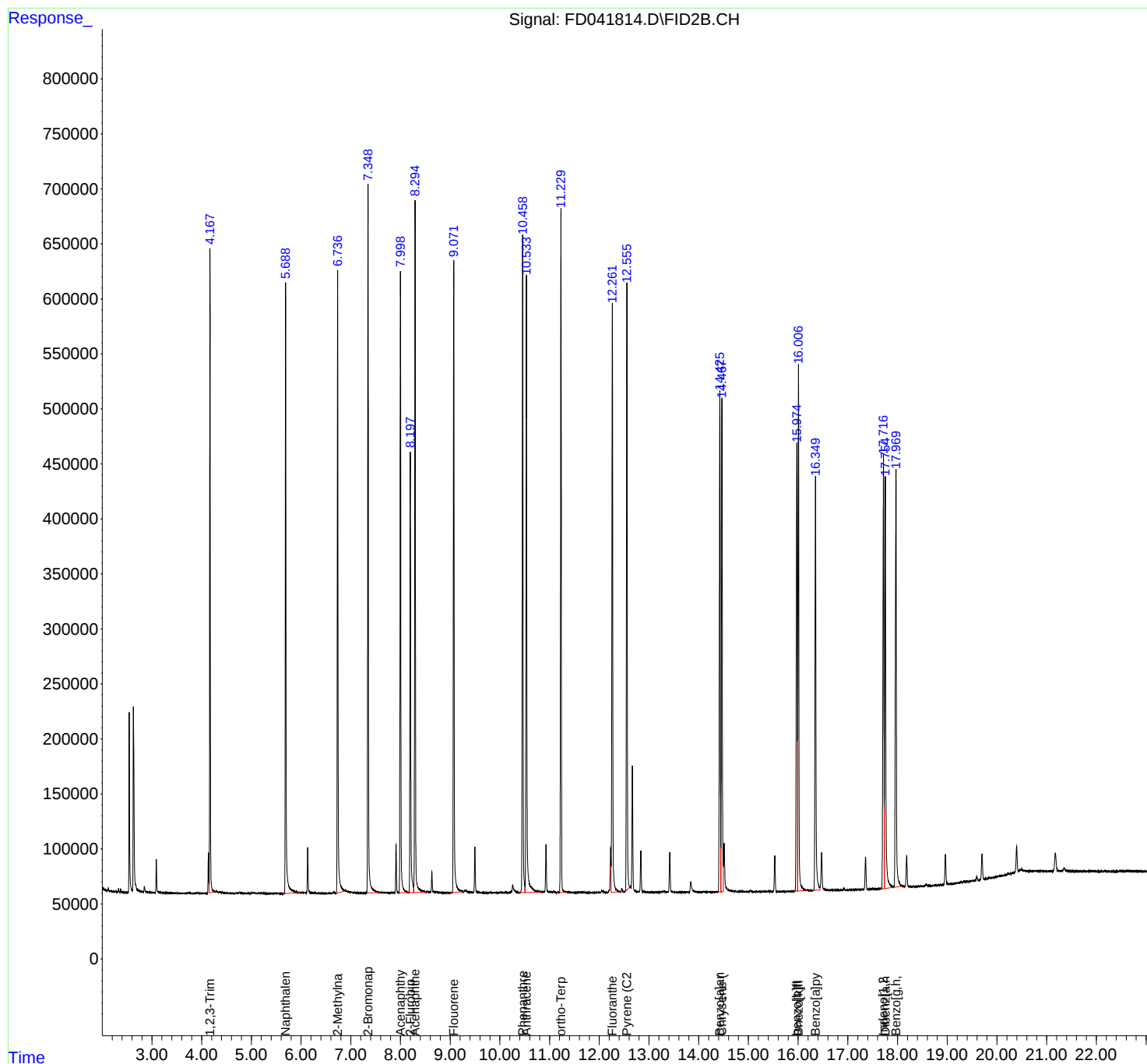
(m)=manual int.

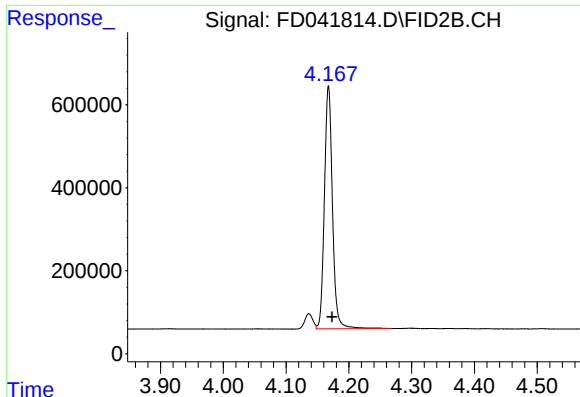
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Signal Info : 20M x 0.18mm x 0.18µm

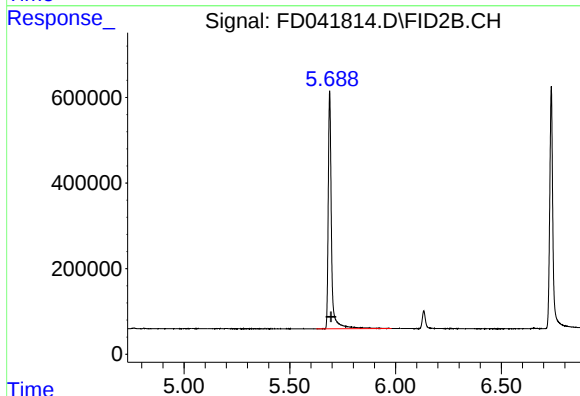




#1 1,2,3-Trimethylbenzene (C10.1)

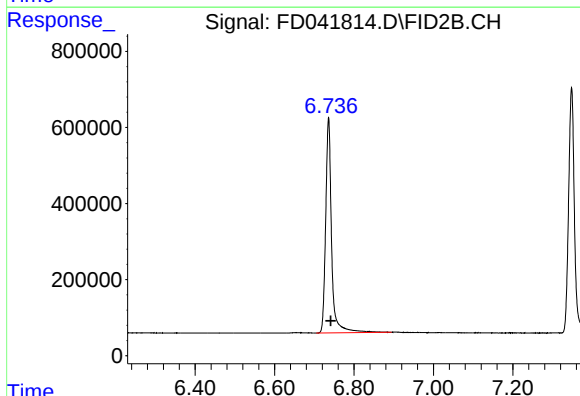
R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 5232471
Conc: 29.87 ug/ml

Instrument :
FID_D
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PB143740BS



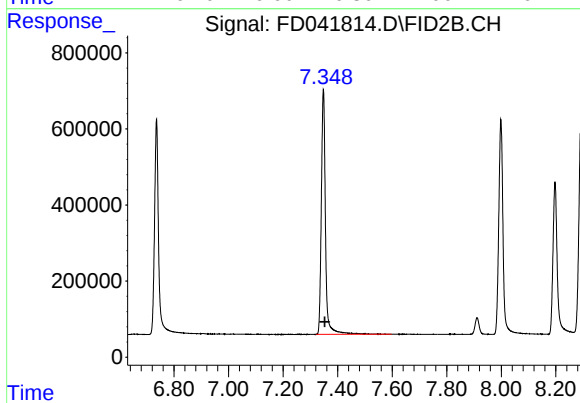
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 5912260
Conc: 33.51 ug/ml



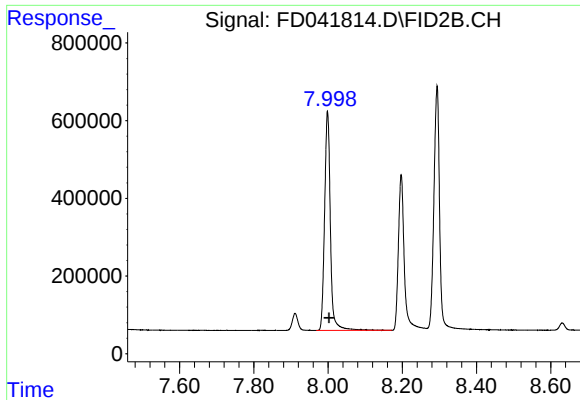
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 5854512
Conc: 36.59 ug/ml



#4 2-Bromonaphthalene (SURR)

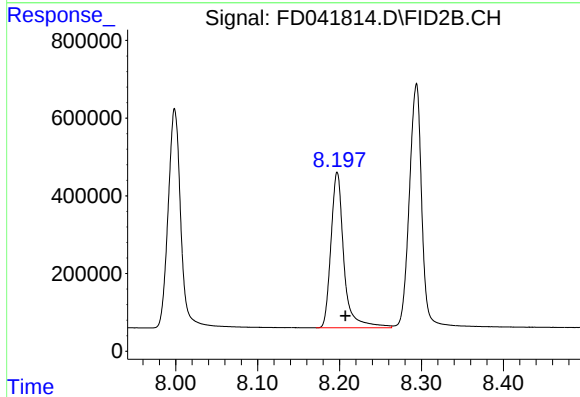
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 6821568
Conc: 42.53 ug/ml



#5 Acenaphthylene (C15.06)

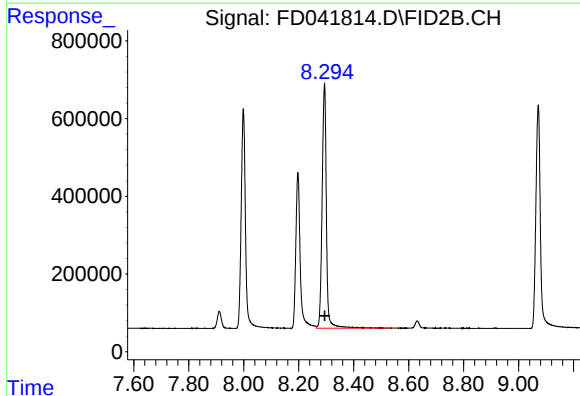
R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 6099150
Conc: 32.96 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143740BS



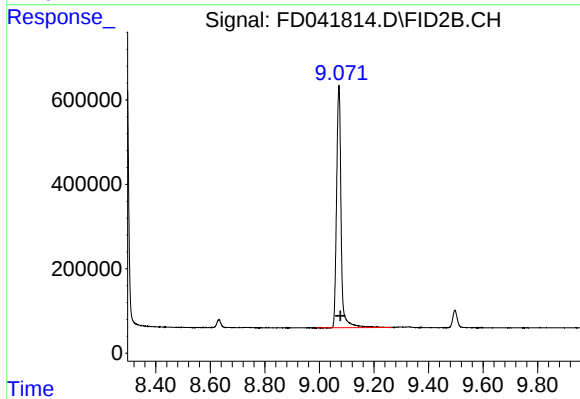
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 4408240
Conc: 44.61 ug/ml



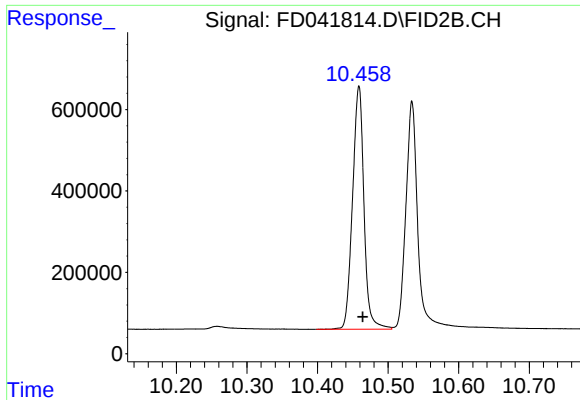
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 6810861
Conc: 35.48 ug/ml



#8 Flouorene (C16.55)

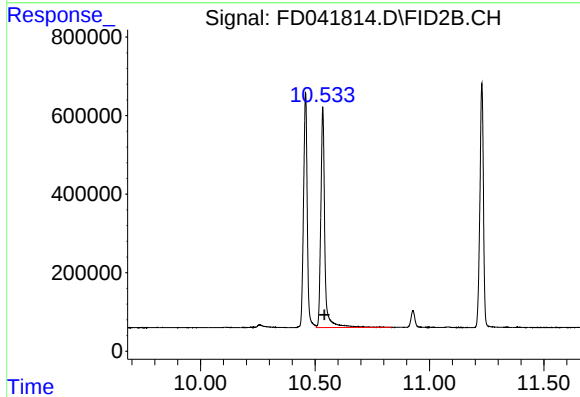
R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 6623203
Conc: 37.54 ug/ml



#9 Phenanthrene (C19.36)

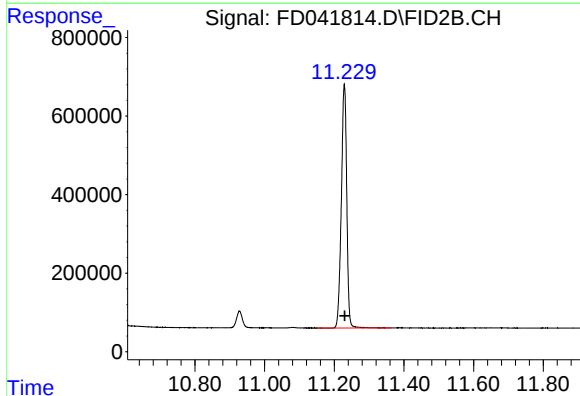
R.T.: 10.458 min
Delta R.T.: -0.006 min
Response: 6718160
Conc: 38.52 ug/ml

Instrument :
FID_D
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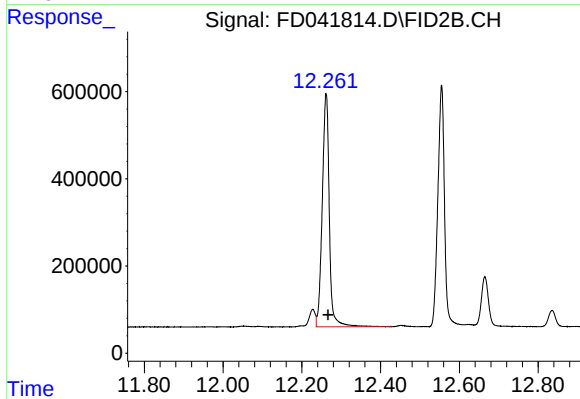
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.007 min
Response: 6820331
Conc: 37.47 ug/ml



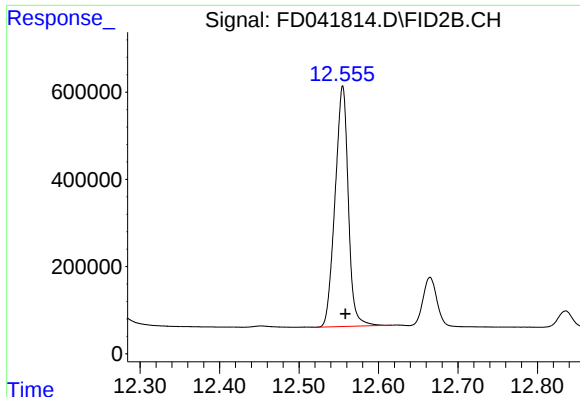
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.001 min
Response: 6695356
Conc: 34.44 ug/ml



#12 Fluoranthene (C21.85)

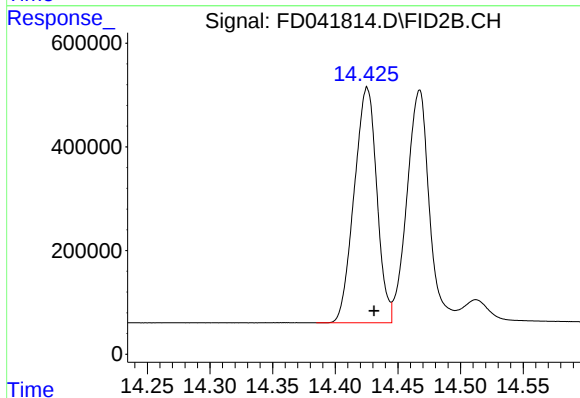
R.T.: 12.262 min
Delta R.T.: -0.005 min
Response: 6646330
Conc: 37.65 ug/ml



#13 Pyrene (C20.8)

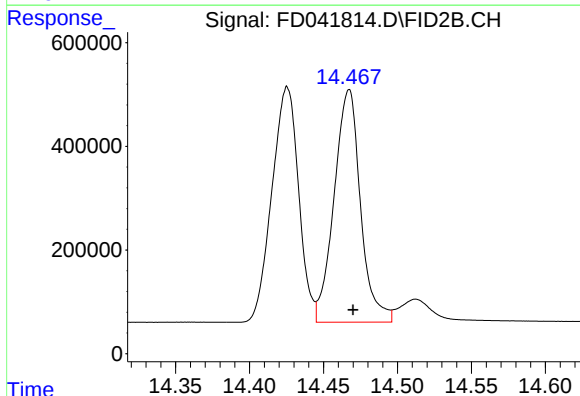
R.T.: 12.555 min
Delta R.T.: -0.004 min
Response: 6391886
Conc: 37.81 ug/ml

Instrument :
FID_D
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PB143740BS



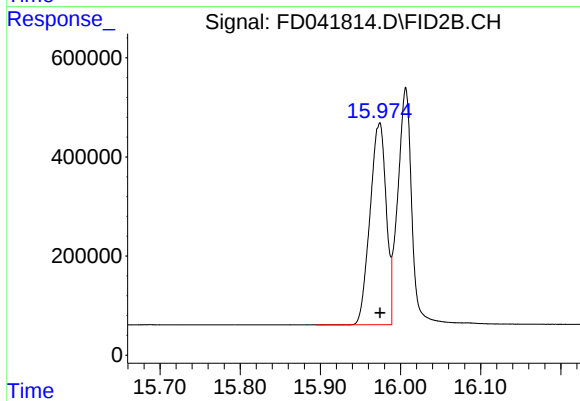
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: -0.006 min
Response: 5698592
Conc: 38.11 ug/ml



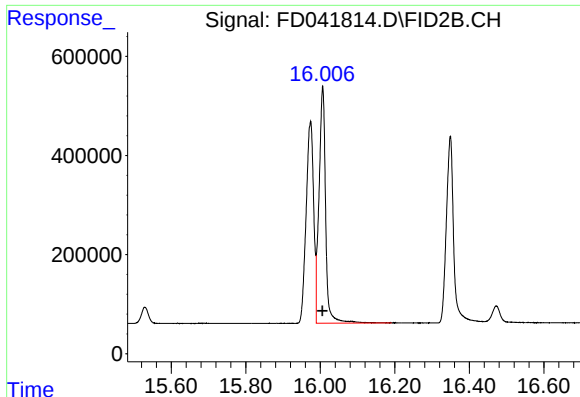
#15 Chrysene (C27.41)

R.T.: 14.467 min
Delta R.T.: -0.003 min
Response: 5577231
Conc: 30.99 ug/ml



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

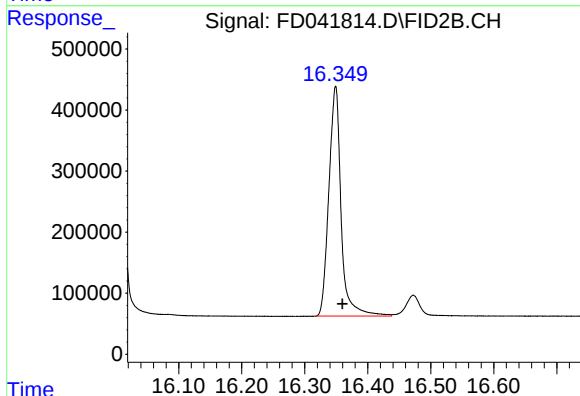
R.T.: 15.973 min
Delta R.T.: -0.001 min
Response: 5683143
Conc: 38.32 ug/ml



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

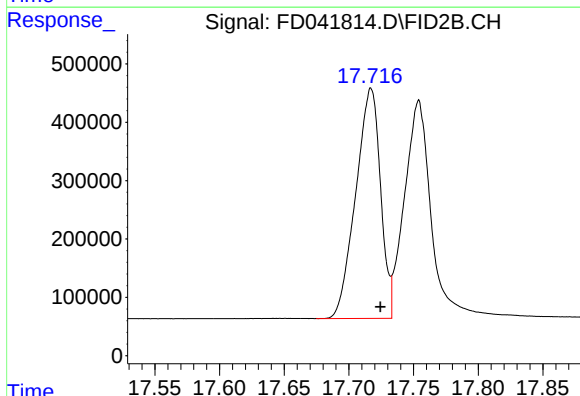
R.T.: 16.006 min
Delta R.T.: 0.000 min
Response: 5870677
Conc: 35.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143740BS



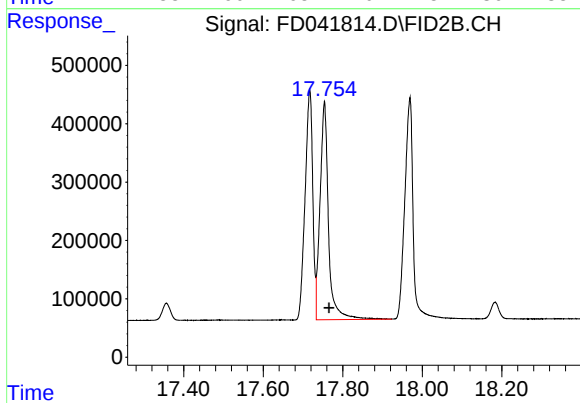
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.349 min
Delta R.T.: -0.011 min
Response: 5090345
Conc: 36.19 ug/ml



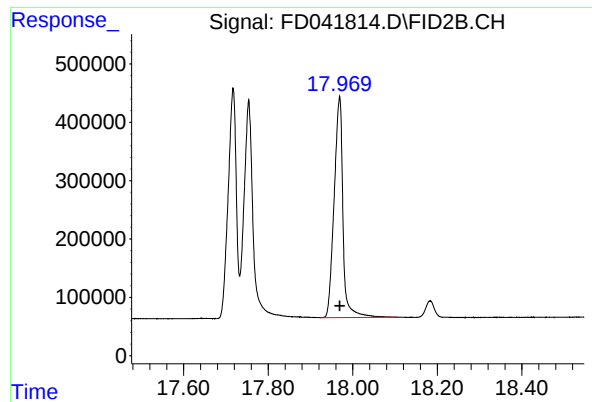
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.008 min
Response: 5262746
Conc: 47.78 ug/ml



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

R.T.: 17.754 min
Delta R.T.: -0.012 min
Response: 5540970
Conc: 38.27 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.001 min
Response: 5496863
Conc: 41.42 ug/ml

Instrument :

FID_D

ClientSampleId :

PB143740BS