

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032522AR\
 Data File : FD041722.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 13:28
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 22:32:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 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...	7.349	3307963	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
6) S 2-Fluorobiphenyl (SURR)	8.199	2031871	20.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.229	4048856	20.828 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	3639035	20.776 ug/ml
2) T Naphthalene (C11.7)	5.692	3715983	21.061 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3355538	20.973 ug/ml
5) T Acenaphthylene (C15.06)	7.999	3802728	20.549 ug/ml
7) T Acenaphthene (C15.5)	8.293	4011865	20.898 ug/ml
8) T Flouorene (C16.55)	9.072	3644349	20.657 ug/ml
9) T Phenanthrene (C19.36)	10.459	3593854	20.604 ug/ml
10) T Anthracene (C19.43)	10.534	3623071	19.906 ug/ml
12) T Fluoranthene (C21.85)	12.261	3582209	20.291 ug/ml
13) T Pyrene (C20.8)	12.553	3434367	20.314 ug/ml
14) T Benzo[a]anthracene (C...	14.423	2850259	19.062 ug/ml
15) T Chrysene (C27.41)	14.465	3427177	19.041 ug/ml
16) T benzo[b]fluoranthene ...	15.970	2888846	19.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	3137727	18.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	2834728	20.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2356774	21.398 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	3159783	21.826 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	2967033	22.356 ug/ml

(f)=RT Delta > 1/2 Window

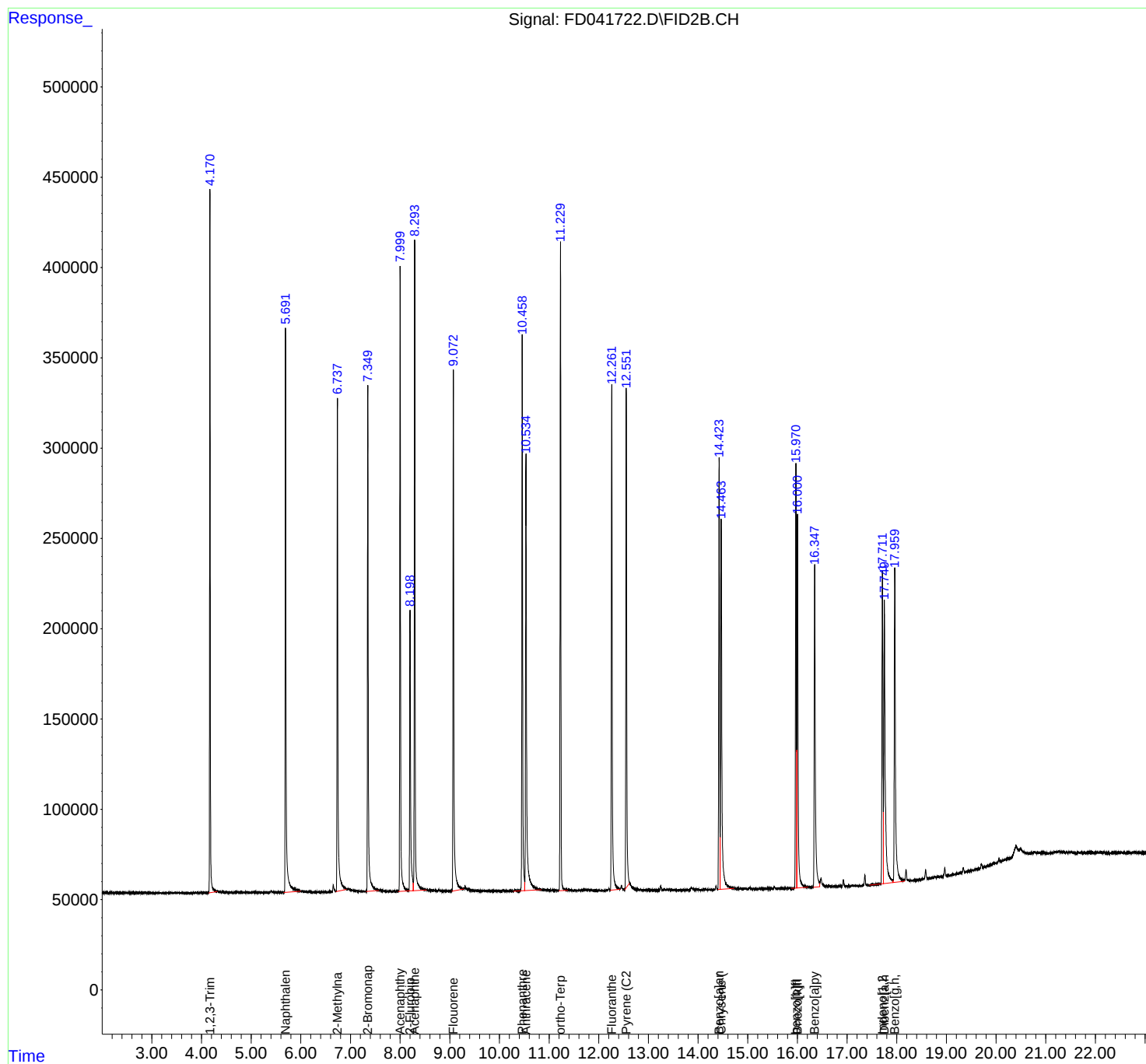
(m)=manual int.

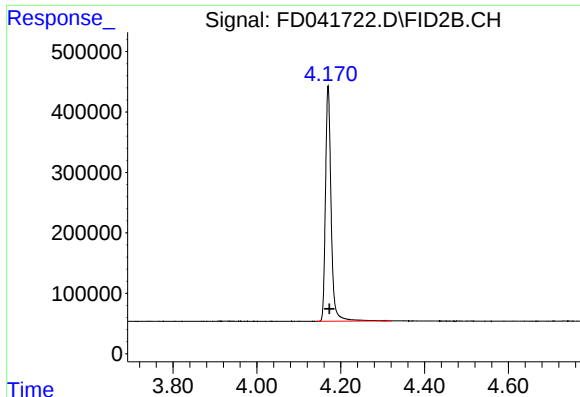
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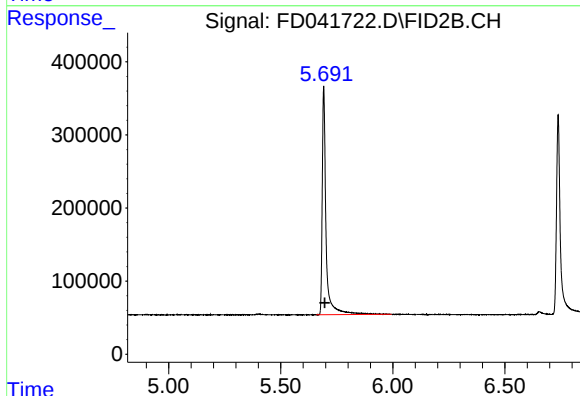




#1 1,2,3-Trimethylbenzene (C10.1)

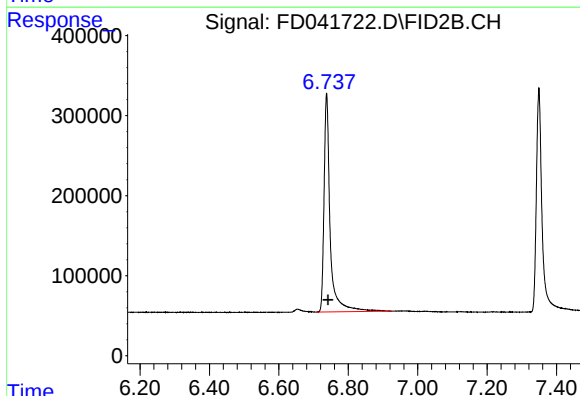
R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 3639035
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



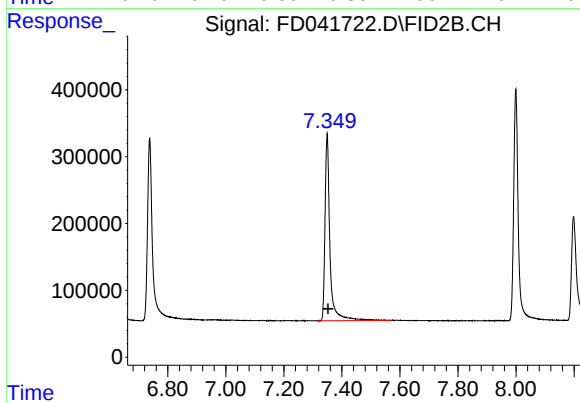
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 3715983
Conc: 21.06 ug/ml



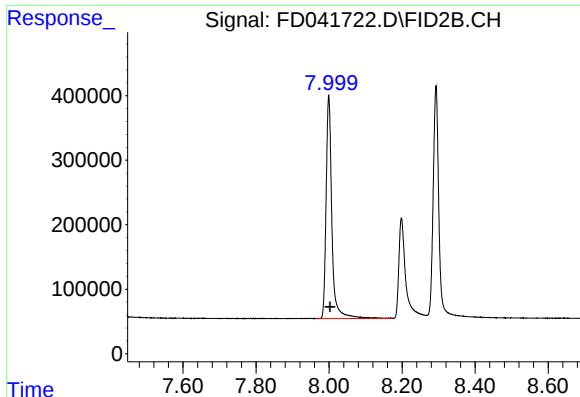
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 3355538
Conc: 20.97 ug/ml



#4 2-Bromonaphthalene (SURR)

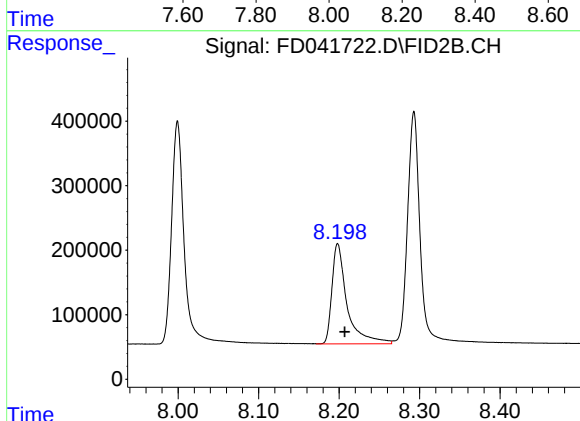
R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 3307963
Conc: 20.62 ug/ml



#5 Acenaphthylene (C15.06)

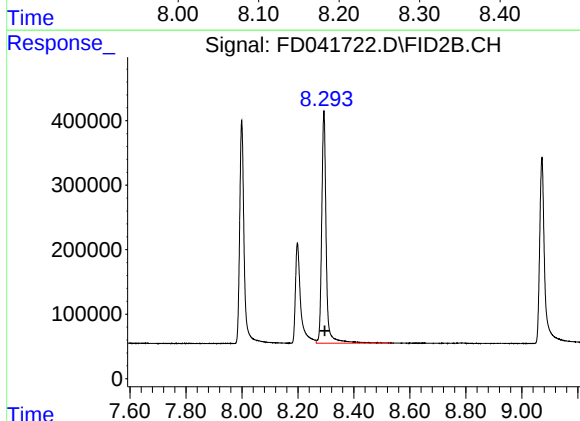
R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 3802728
Conc: 20.55 ug/ml

Instrument :
FID_D
ClientSampleId :



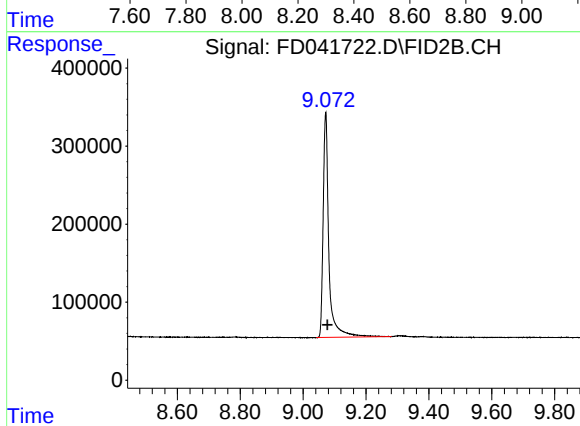
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 2031871
Conc: 20.56 ug/ml



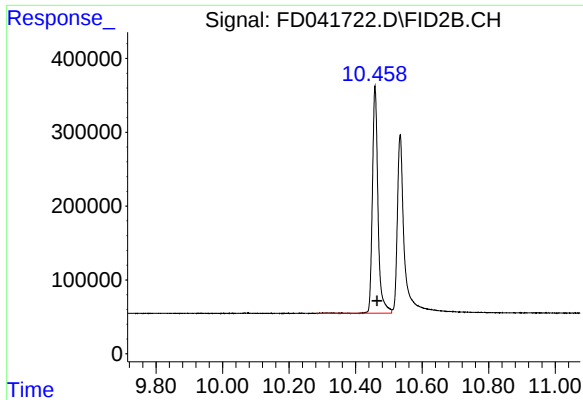
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.002 min
Response: 4011865
Conc: 20.90 ug/ml



#8 Flouorene (C16.55)

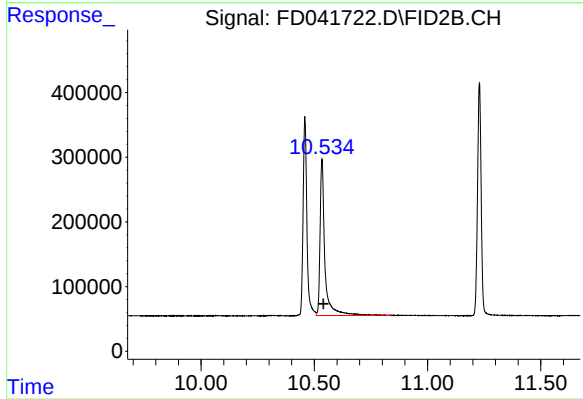
R.T.: 9.072 min
Delta R.T.: -0.006 min
Response: 3644349
Conc: 20.66 ug/ml



#9 Phenanthrene (C19.36)

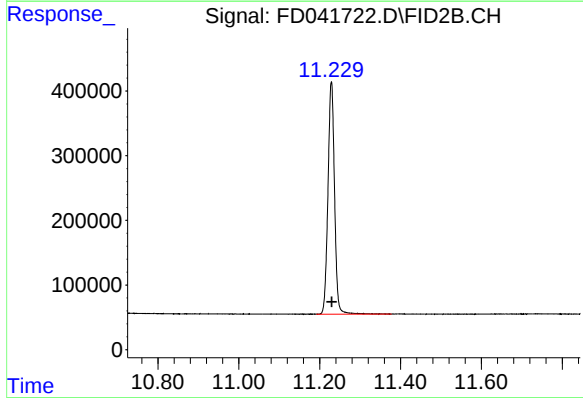
R.T.: 10.459 min
Delta R.T.: -0.006 min
Response: 3593854
Conc: 20.60 ug/ml

Instrument :
FID_D
ClientSampleId :



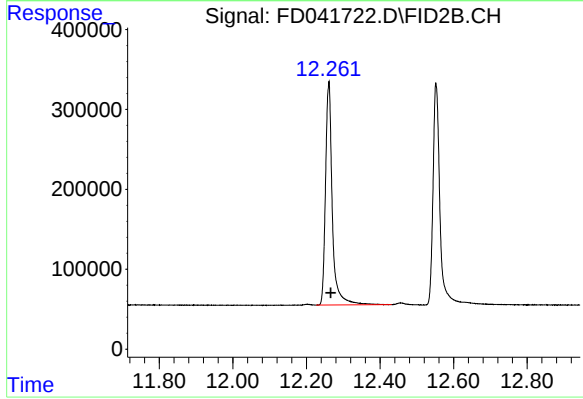
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.006 min
Response: 3623071
Conc: 19.91 ug/ml



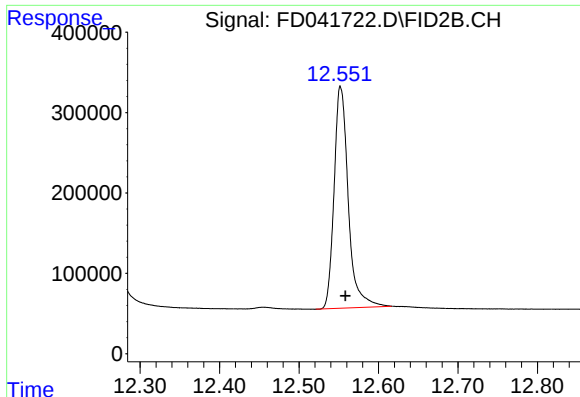
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 4048856
Conc: 20.83 ug/ml



#12 Fluoranthene (C21.85)

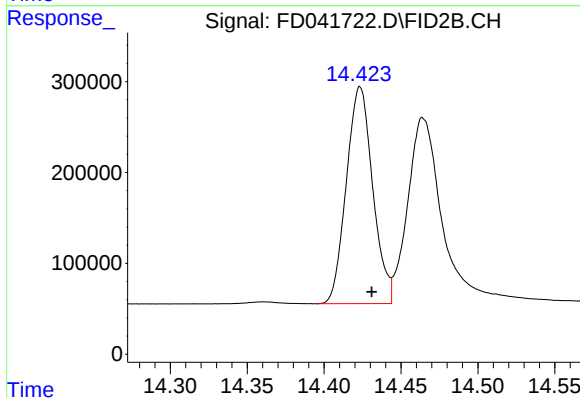
R.T.: 12.261 min
Delta R.T.: -0.006 min
Response: 3582209
Conc: 20.29 ug/ml



#13 Pyrene (C20.8)

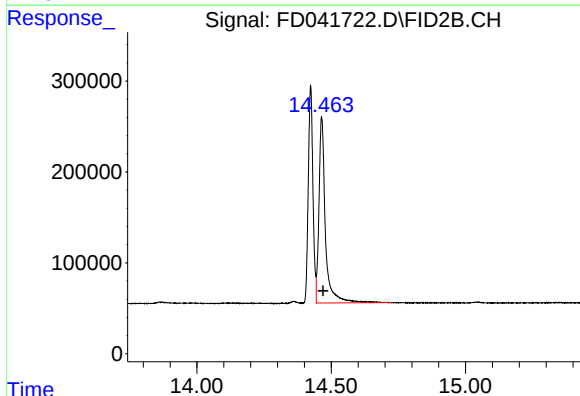
R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 3434367
Conc: 20.31 ug/ml

Instrument :
FID_D
ClientSampleId :



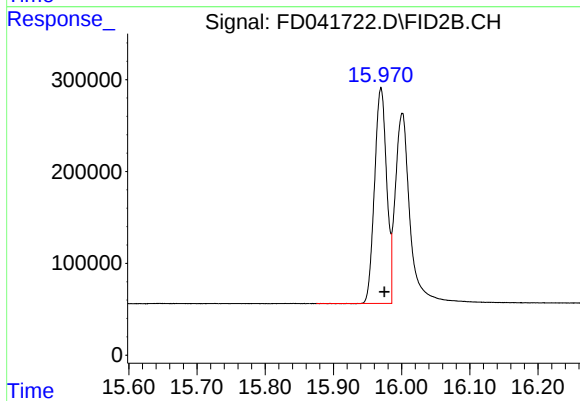
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: -0.008 min
Response: 2850259
Conc: 19.06 ug/ml



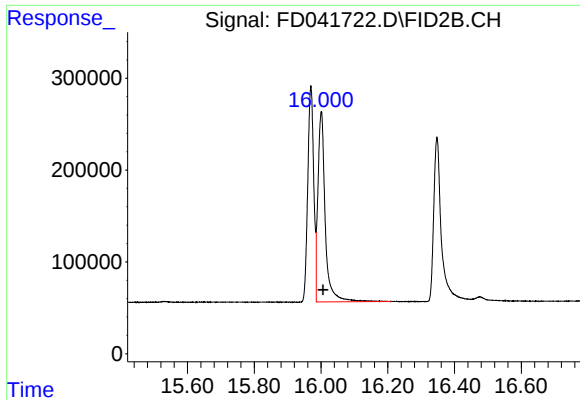
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: -0.005 min
Response: 3427177
Conc: 19.04 ug/ml



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

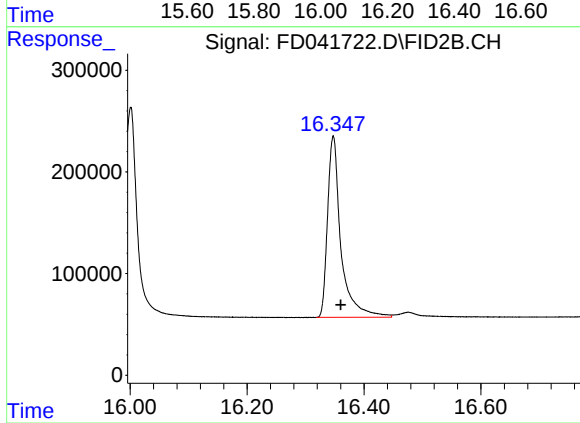
R.T.: 15.970 min
Delta R.T.: -0.005 min
Response: 2888846
Conc: 19.48 ug/ml



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

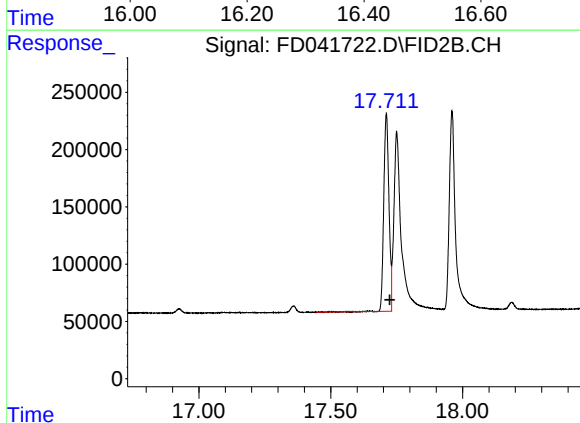
R.T.: 16.001 min
Delta R.T.: -0.005 min
Response: 3137727
Conc: 18.99 ug/ml

Instrument :
FID_D
ClientSampleId :



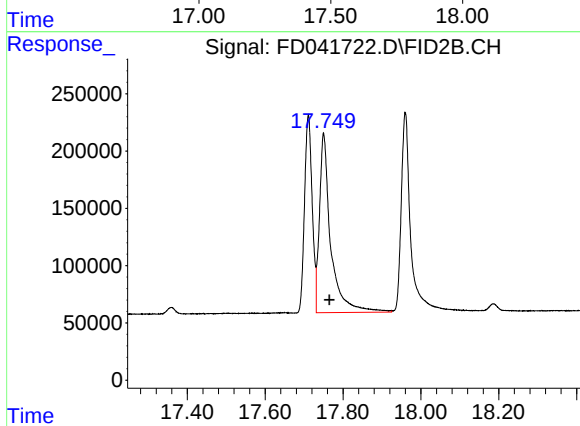
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.012 min
Response: 2834728
Conc: 20.15 ug/ml



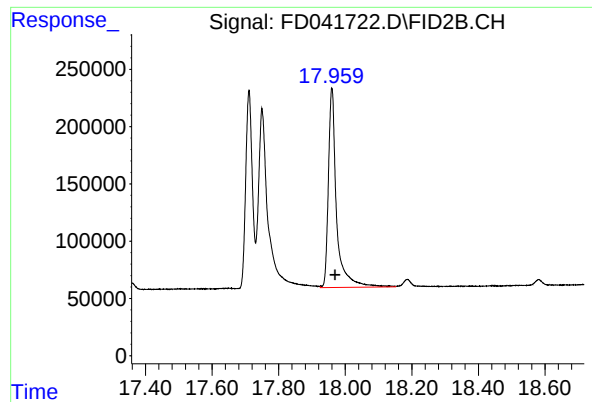
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.013 min
Response: 2356774
Conc: 21.40 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.015 min
Response: 3159783
Conc: 21.83 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.010 min
Response: 2967033
Conc: 22.36 ug/ml

Instrument :

FID_D

ClientSampleId :