

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041714.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 6:08
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 07:01:00 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	3033772	18.915 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
6) S 2-Fluorobiphenyl (SURR)	8.199	1903063	19.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.52%
11) S ortho-Terphenyl (SURR)	11.228	3938751	20.261 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	3540979	20.216 ug/ml
2) T Naphthalene (C11.7)	5.692	3365812	19.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	3066936	19.169 ug/ml
5) T Acenaphthylene (C15.06)	7.999	3596746	19.436 ug/ml
7) T Acenaphthene (C15.5)	8.293	3635623	18.938 ug/ml
8) T Flouorene (C16.55)	9.071	3359515	19.043 ug/ml
9) T Phenanthrene (C19.36)	10.458	3444452	19.747 ug/ml
10) T Anthracene (C19.43)	10.533	3186787	17.509 ug/ml
12) T Fluoranthene (C21.85)	12.260	3347356	18.961 ug/ml
13) T Pyrene (C20.8)	12.553	3308430	19.569 ug/ml
14) T Benzo[a]anthracene (C...	14.423	2696828	18.036 ug/ml
15) T Chrysene (C27.41)	14.464	2981571	16.565 ug/ml
16) T benzo[b]fluoranthene ...	15.970	2735327	18.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	2849673	17.246 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	2573221	18.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2262849	20.545 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	2727979	18.843 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	2578506	19.429 ug/ml

(f)=RT Delta > 1/2 Window

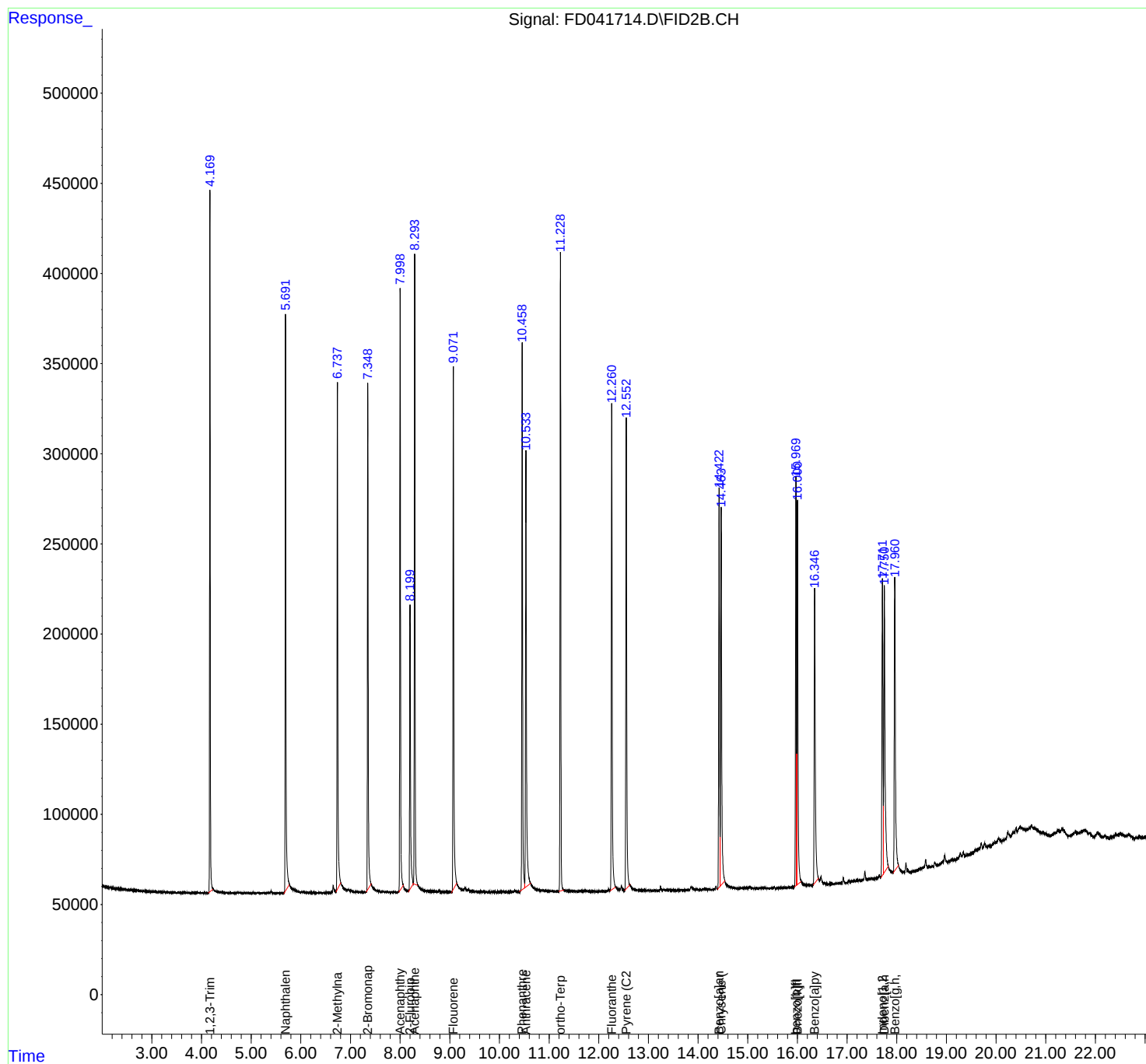
(m)=manual int.

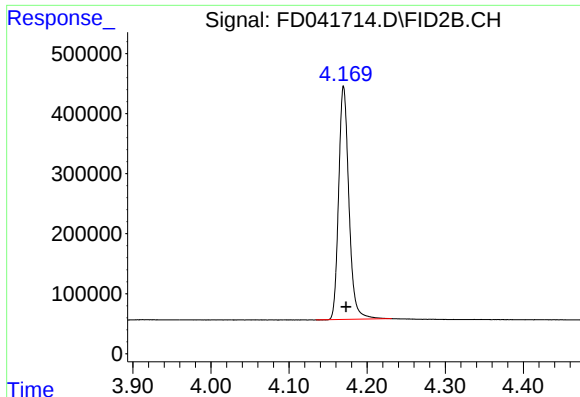
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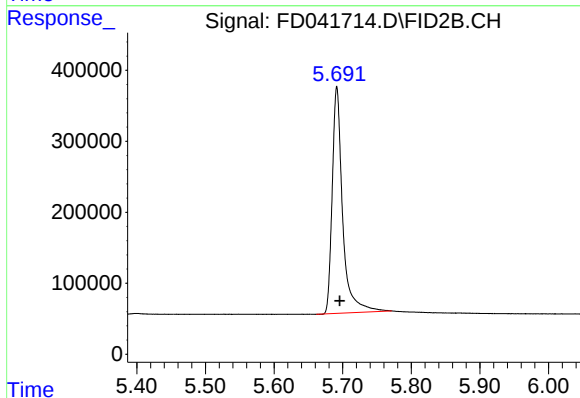




#1 1,2,3-Trimethylbenzene (C10.1)

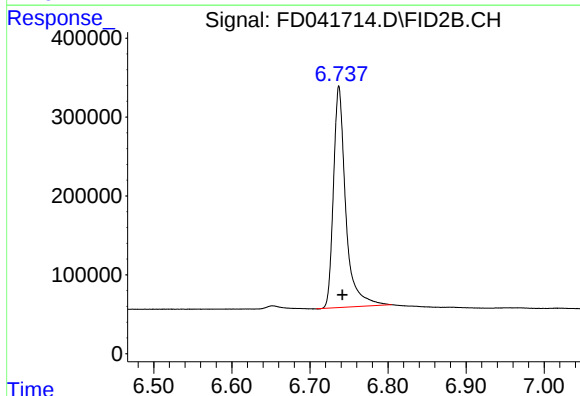
R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 3540979
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :



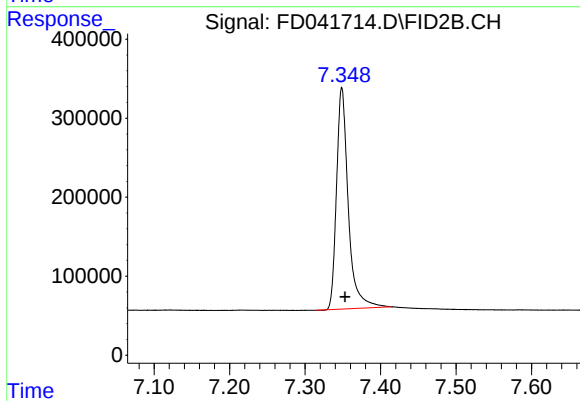
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 3365812
Conc: 19.08 ug/ml



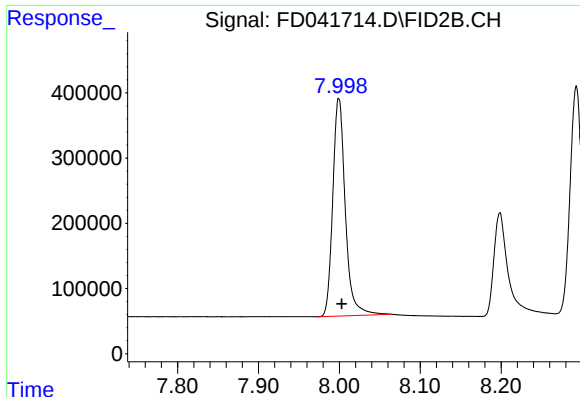
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.004 min
Response: 3066936
Conc: 19.17 ug/ml



#4 2-Bromonaphthalene (SURR)

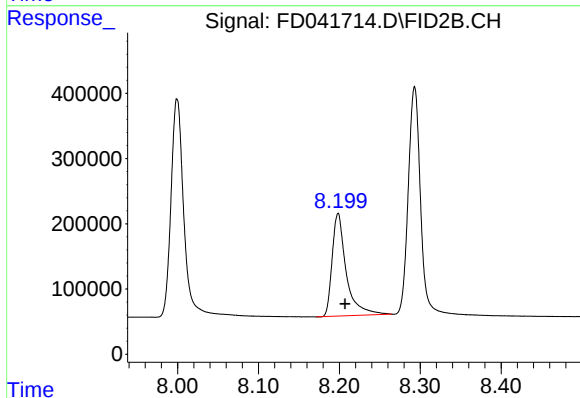
R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 3033772
Conc: 18.92 ug/ml



#5 Acenaphthylene (C15.06)

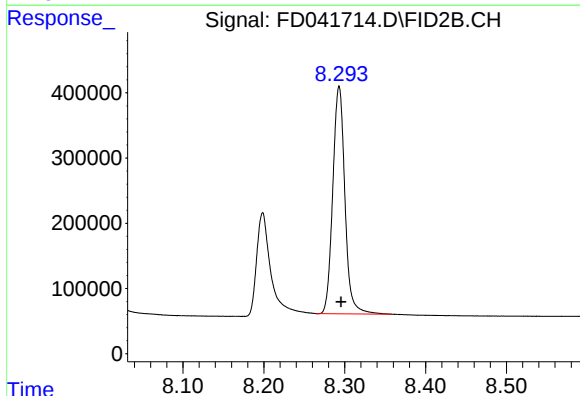
R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 3596746
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :



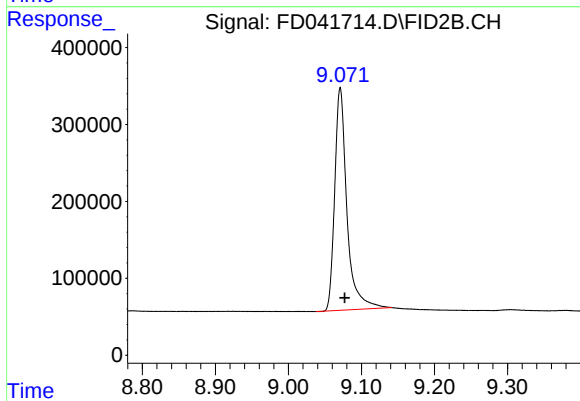
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 1903063
Conc: 19.26 ug/ml



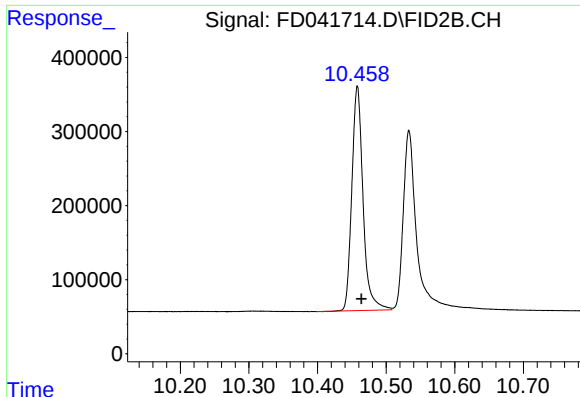
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.002 min
Response: 3635623
Conc: 18.94 ug/ml



#8 Flouorene (C16.55)

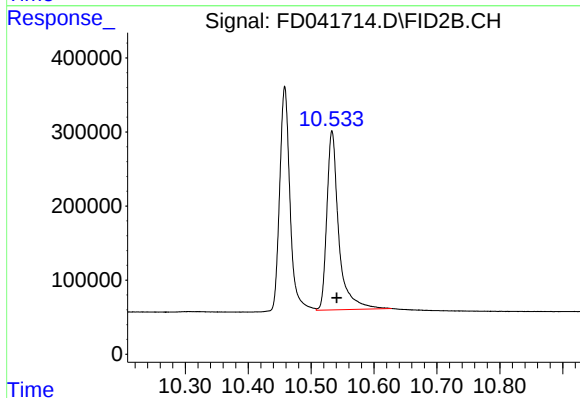
R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 3359515
Conc: 19.04 ug/ml



#9 Phenanthrene (C19.36)

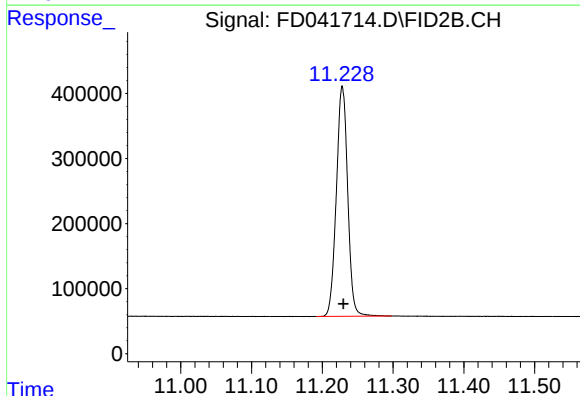
R.T.: 10.458 min
Delta R.T.: -0.006 min
Response: 3444452
Conc: 19.75 ug/ml

Instrument :
FID_E
ClientSampleId :



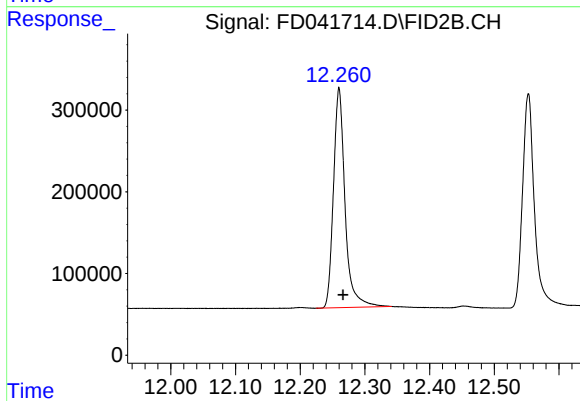
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.007 min
Response: 3186787
Conc: 17.51 ug/ml



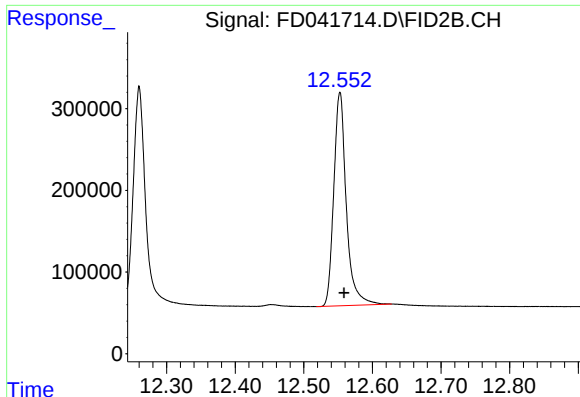
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 3938751
Conc: 20.26 ug/ml



#12 Fluoranthene (C21.85)

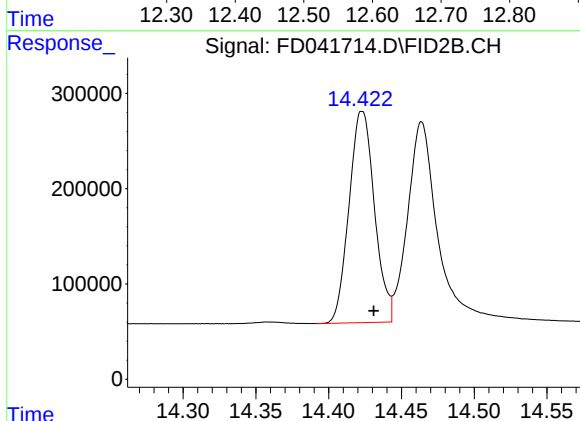
R.T.: 12.260 min
Delta R.T.: -0.006 min
Response: 3347356
Conc: 18.96 ug/ml



#13 Pyrene (C20.8)

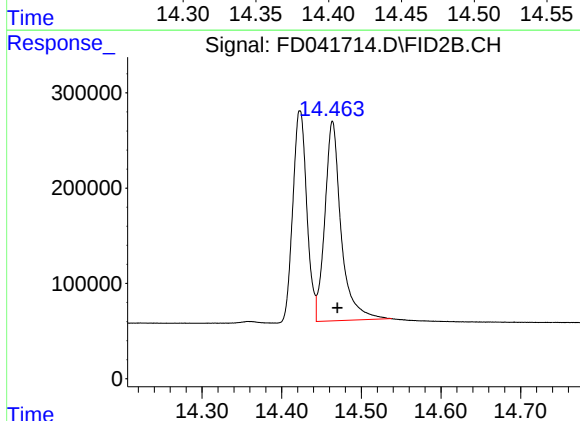
R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 3308430
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :



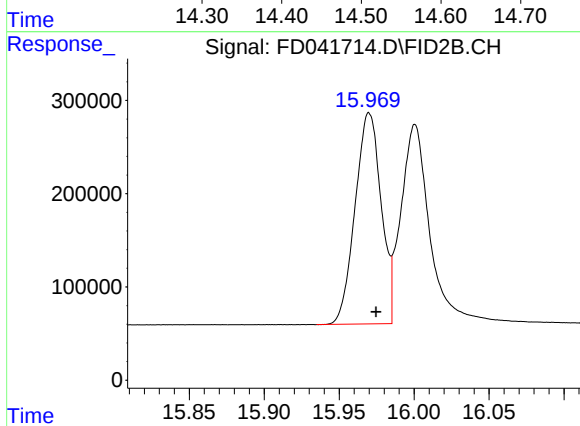
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: -0.008 min
Response: 2696828
Conc: 18.04 ug/ml



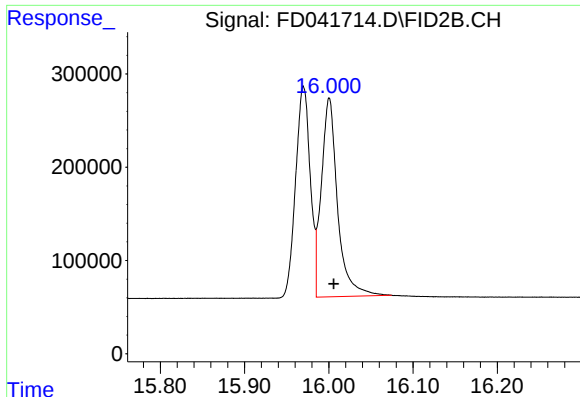
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: -0.006 min
Response: 2981571
Conc: 16.56 ug/ml



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

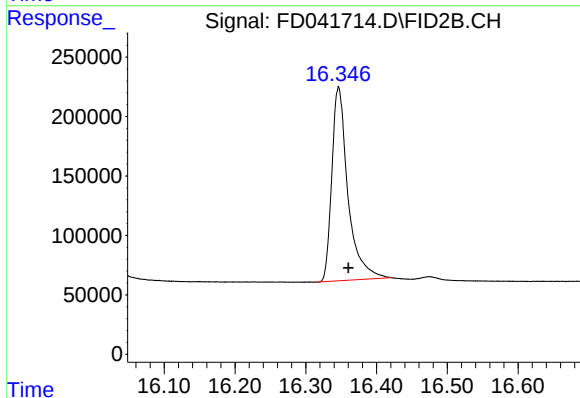
R.T.: 15.970 min
Delta R.T.: -0.004 min
Response: 2735327
Conc: 18.45 ug/ml



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

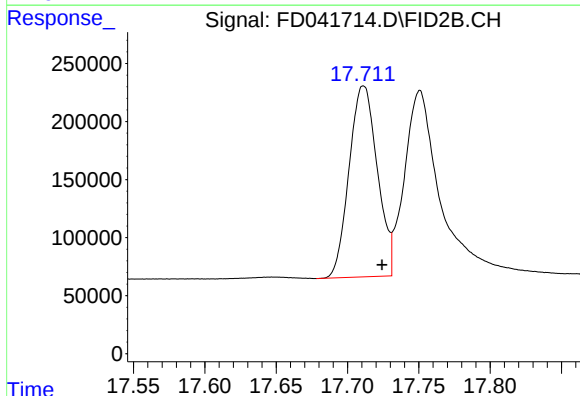
R.T.: 16.001 min
Delta R.T.: -0.005 min
Response: 2849673
Conc: 17.25 ug/ml

Instrument :
FID_E
ClientSampleId :



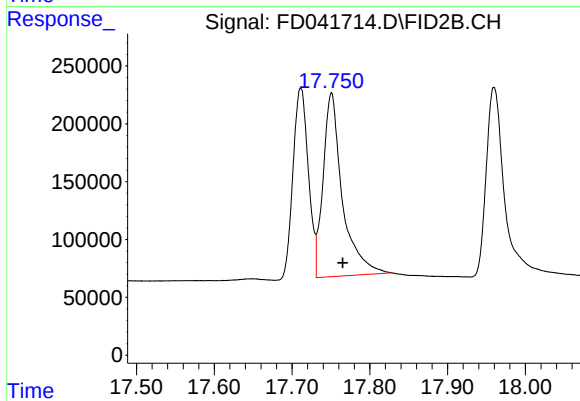
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.013 min
Response: 2573221
Conc: 18.29 ug/ml



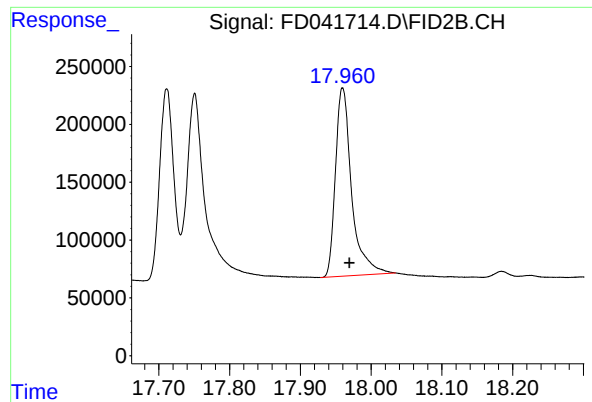
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.013 min
Response: 2262849
Conc: 20.54 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.015 min
Response: 2727979
Conc: 18.84 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.010 min
Response: 2578506
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :