

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036391.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 8:59
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 02:11:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.600	2199980	18.664 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
6) S 2-Fluorobiphenyl (SURR)	8.460	1545883	18.575 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.15%
11) S ortho-Terphenyl (SURR)	11.501	2573162	18.264 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	2371036	18.911 ug/ml
2) T Naphthalene (C11.7)	5.938	2554657	18.852 ug/ml
3) T 2-Methylnaphthalene (...)	6.990	2561139	18.756 ug/ml
5) T Acenaphthylene (C15.06)	8.264	2476409	18.406 ug/ml
7) T Acenaphthene (C15.5)	8.560	2577903	18.625 ug/ml
8) T Fluorene (C16.55)	9.338	2519459	18.462 ug/ml
9) T Phenanthrene (C19.36)	10.733	2530015	18.363 ug/ml
10) T Anthracene (C19.43)	10.807	2283197	17.006 ug/ml
12) T Fluoranthene (C21.85)	12.542	2529861	18.217 ug/ml
13) T Pyrene (C20.8)	12.838	2496176	18.207 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2273308	17.973 ug/ml
15) T Chrysene (C27.41)	14.748	2343275	18.095 ug/ml
16) T benzo[b]fluoranthene ...	16.253	2230547	18.328 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	2165459	18.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	2038557	18.486 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	2097618	18.959 ug/ml
20) T Dibenz[a,h]anthracene...	18.031	2117646	19.136 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	2136651	19.324 ug/ml

(f)=RT Delta > 1/2 Window

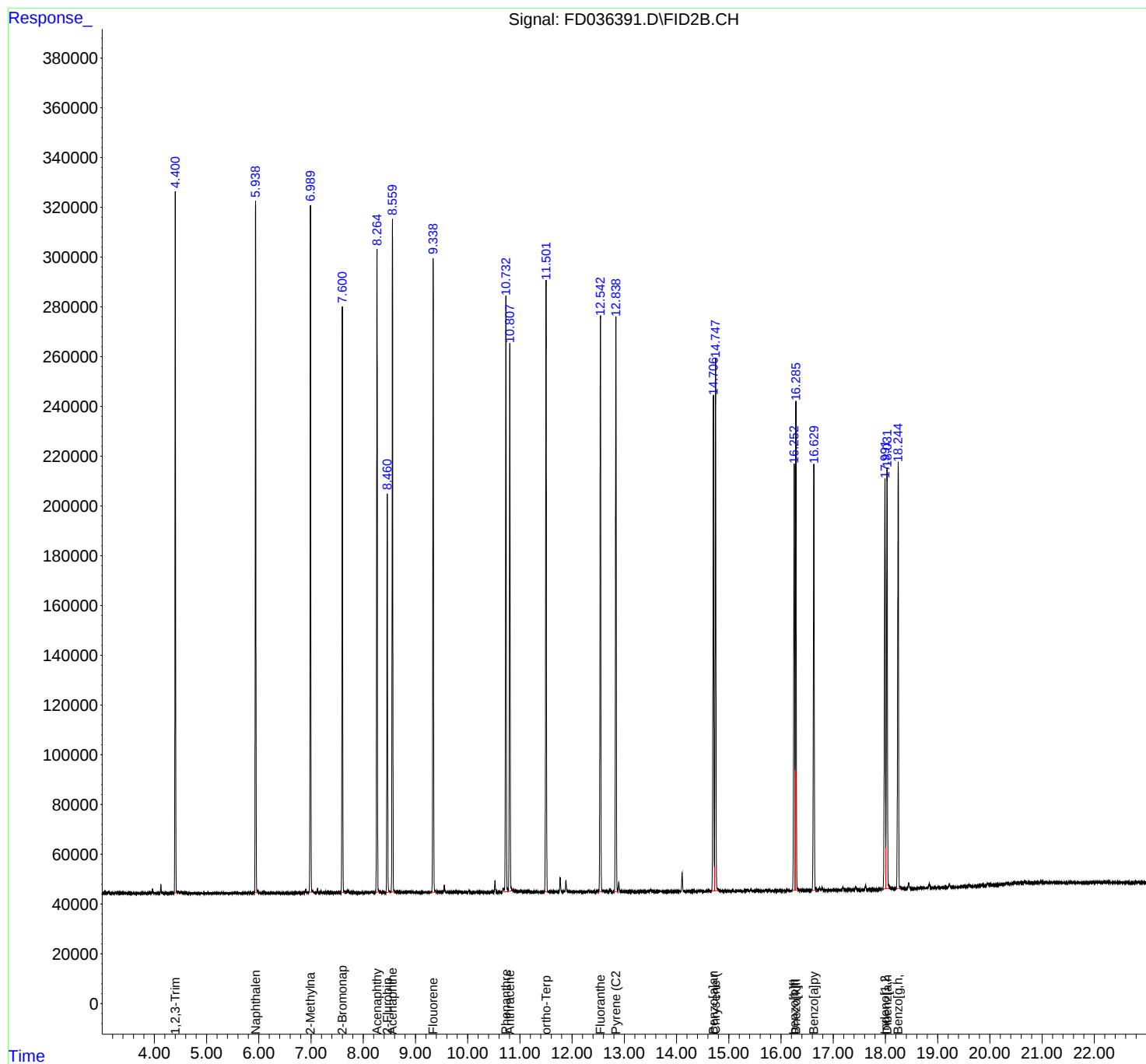
(m)=manual int.

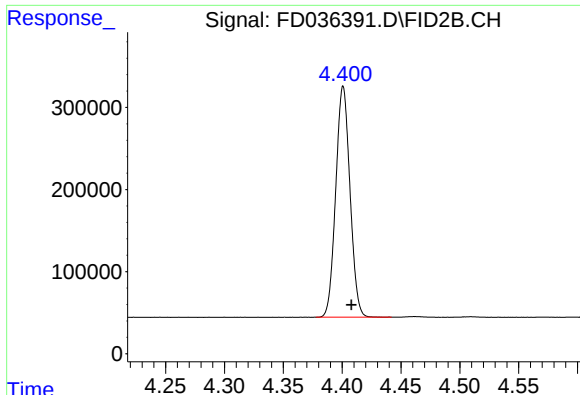
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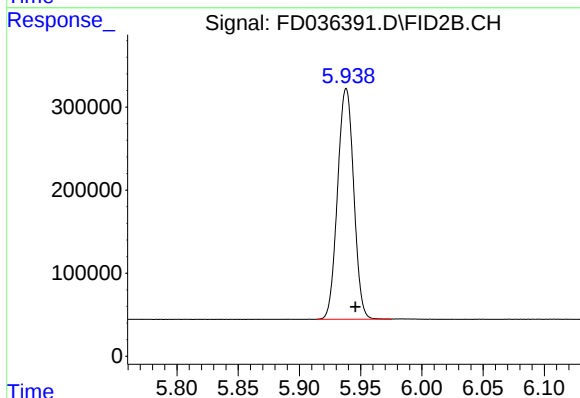




#1 1,2,3-Trimethylbenzene (C10.1)

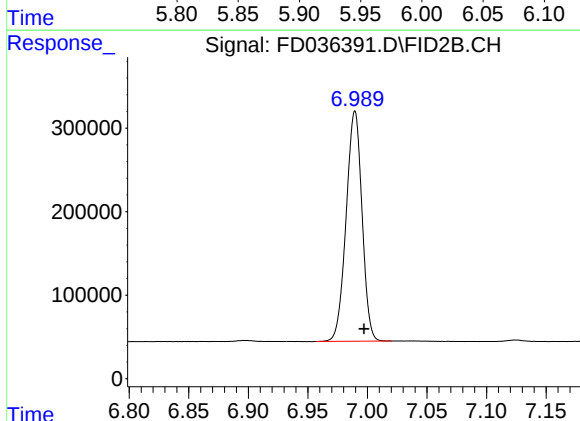
R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 2371036
Conc: 18.91 ug/ml

Instrument :
FID_D
ClientSampleId :



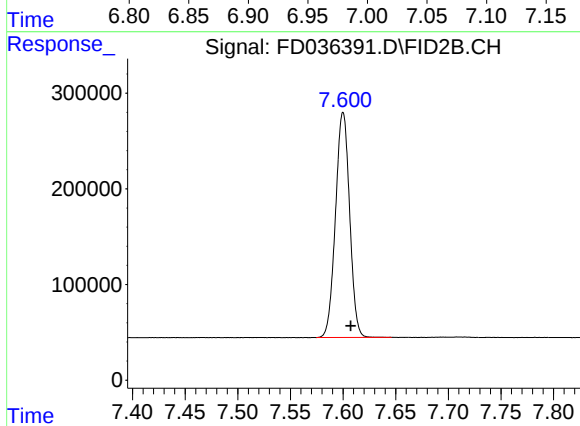
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 2554657
Conc: 18.85 ug/ml



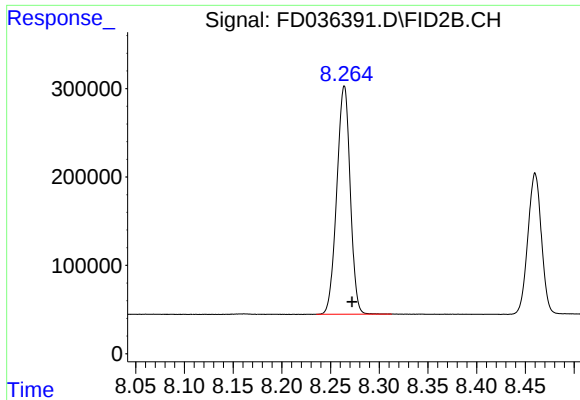
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 2561139
Conc: 18.76 ug/ml



#4 2-Bromonaphthalene (SURR)

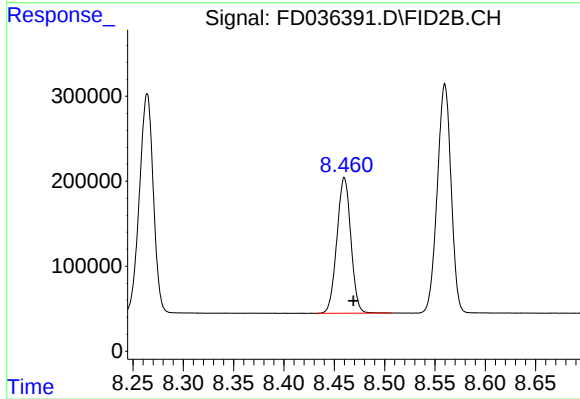
R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 2199980
Conc: 18.66 ug/ml



#5 Acenaphthylene (C15.06)

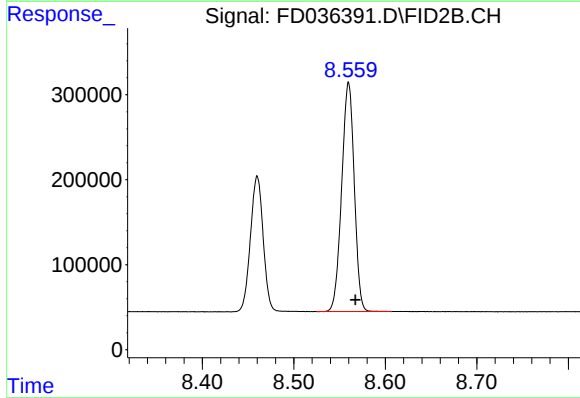
R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 2476409
Conc: 18.41 ug/ml

Instrument :
FID_D
ClientSampleId :



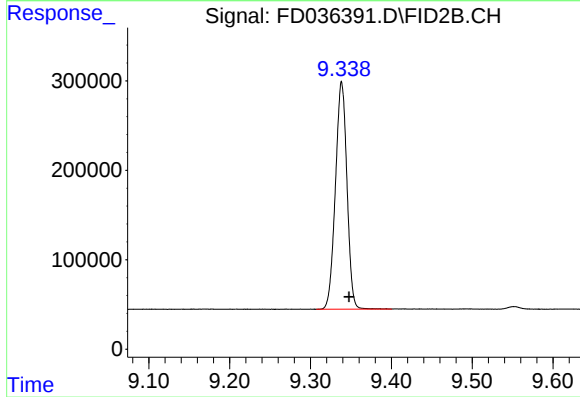
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 1545883
Conc: 18.58 ug/ml



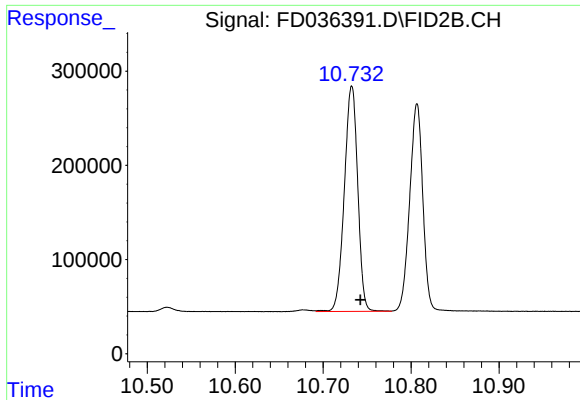
#7 Acenaphthene (C15.5)

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 2577903
Conc: 18.62 ug/ml



#8 Fluorene (C16.55)

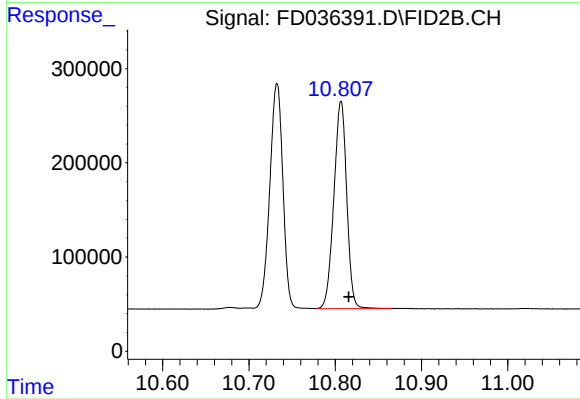
R.T.: 9.338 min
Delta R.T.: -0.009 min
Response: 2519459
Conc: 18.46 ug/ml



#9 Phenanthrene (C19.36)

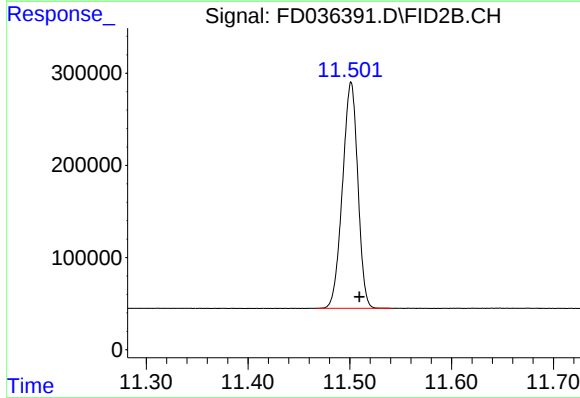
R.T.: 10.733 min
Delta R.T.: -0.010 min
Response: 2530015
Conc: 18.36 ug/ml

Instrument :
FID_D
ClientSampleId :



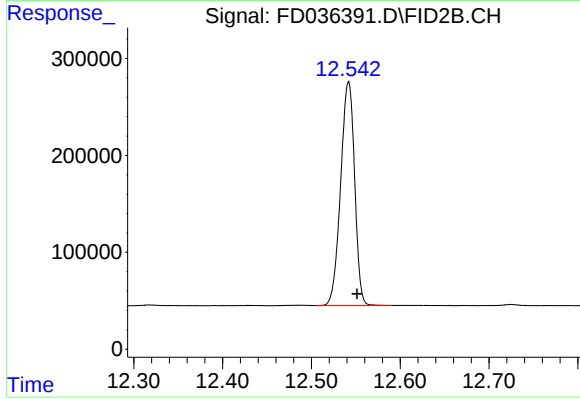
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 2283197
Conc: 17.01 ug/ml



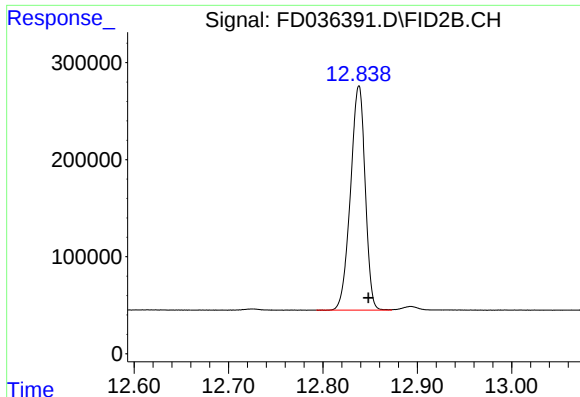
#11 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.008 min
Response: 2573162
Conc: 18.26 ug/ml



#12 Fluoranthene (C21.85)

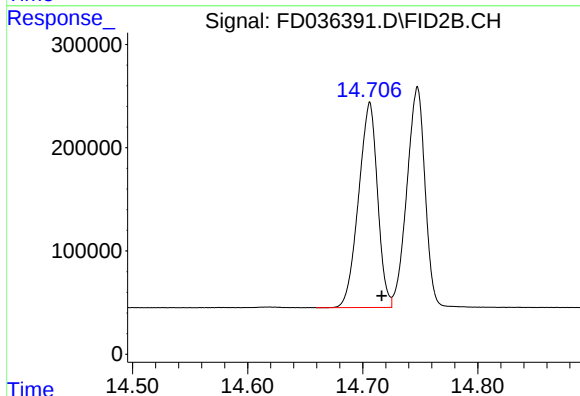
R.T.: 12.542 min
Delta R.T.: -0.009 min
Response: 2529861
Conc: 18.22 ug/ml



#13 Pyrene (C20.8)

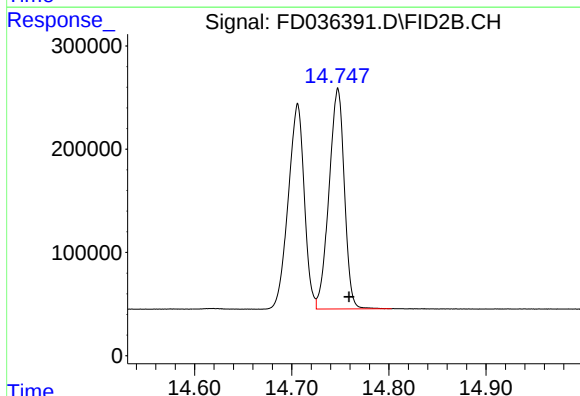
R.T.: 12.838 min
Delta R.T.: -0.010 min
Response: 2496176
Conc: 18.21 ug/ml

Instrument :
FID_D
ClientSampleId :



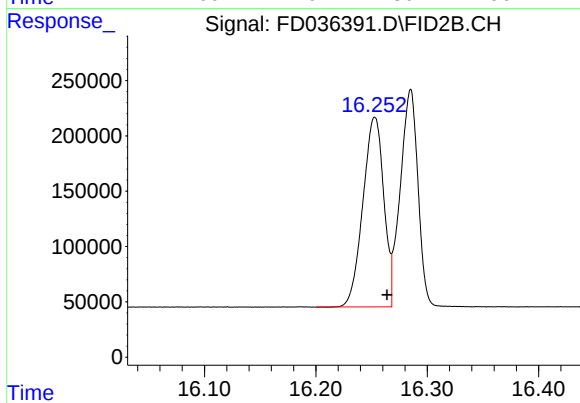
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.011 min
Response: 2273308
Conc: 17.97 ug/ml



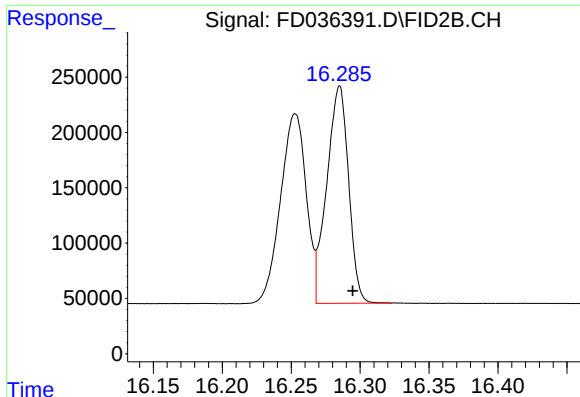
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.011 min
Response: 2343275
Conc: 18.09 ug/ml



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

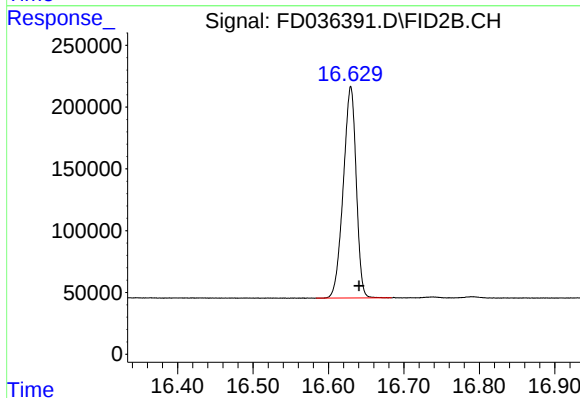
R.T.: 16.253 min
Delta R.T.: -0.011 min
Response: 2230547
Conc: 18.33 ug/ml



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

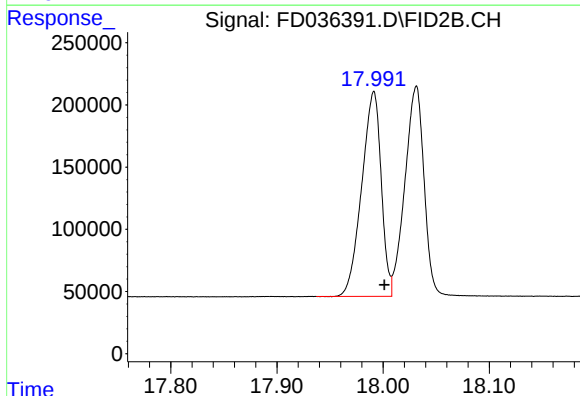
R.T.: 16.285 min
Delta R.T.: -0.009 min
Response: 2165459
Conc: 18.39 ug/ml

Instrument :
FID_D
ClientSampleId :



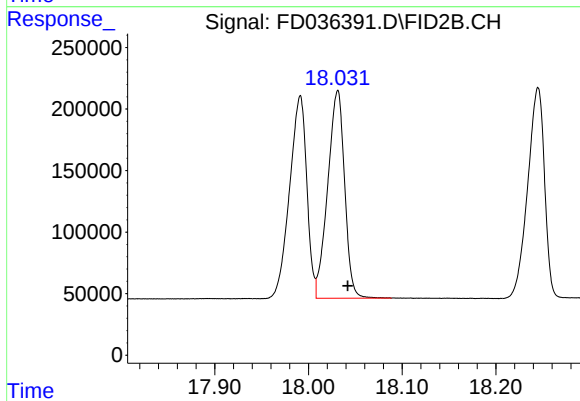
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.011 min
Response: 2038557
Conc: 18.49 ug/ml



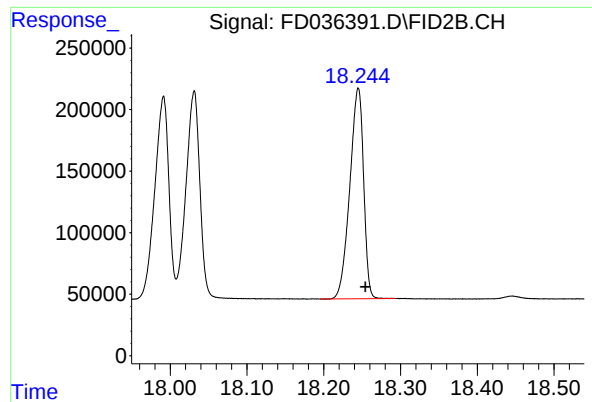
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: -0.010 min
Response: 2097618
Conc: 18.96 ug/ml



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

R.T.: 18.031 min
Delta R.T.: -0.011 min
Response: 2117646
Conc: 19.14 ug/ml



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

R.T.: 18.245 min
Delta R.T.: -0.009 min
Response: 2136651
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :