

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028491.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 2:44
 Operator : AJ\SJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 26 06:38:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:38:01 2019
 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...	7.121	936497	10.194 ug/ml
Spiked Amount 50.000		Recovery =	20.39%
6) S 2-Fluorobiphenyl (SURR)	7.988	647854	10.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.47%
11) S ortho-Terphenyl (SURR)	11.028	1114388	10.305 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.941	965360	10.324 ug/ml
2) T Naphthalene (C11.7)	5.465	1052529	10.266 ug/ml
3) T 2-Methylnaphthalene (...)	6.513	1058420	10.241 ug/ml
5) T Acenaphthylene (C15.06)	7.791	1028781	10.227 ug/ml
7) T Acenaphthene (C15.5)	8.087	1078152	10.230 ug/ml
8) T Flouorene (C16.55)	8.867	1085237	10.255 ug/ml
9) T Phenanthrene (C19.36)	10.265	1081831	10.293 ug/ml
10) T Anthracene (C19.43)	10.339	1078110	10.306 ug/ml
12) T Fluoranthene (C21.85)	12.077	1079714	10.256 ug/ml
13) T Pyrene (C20.8)	12.375	1076018	10.281 ug/ml
14) T Benzo[a]anthracene (C...	14.243	1039823	10.251 ug/ml
15) T Chrysene (C27.41)	14.286	1039128	10.251 ug/ml
16) T benzo[b]fluoranthene ...	15.791	1066334	10.188 ug/ml
17) T Bnezo[k]fluoranthene ...	15.822	1060382	10.208 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.170	1067165	10.220 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.531	1068624	10.067 ug/ml
20) T Dibenz[a,h]anthracene...	17.570	1074418	10.206 ug/ml
21) T Benzo[g,h,i]perylene ...	17.785	1063149	10.128 ug/ml

(f)=RT Delta > 1/2 Window

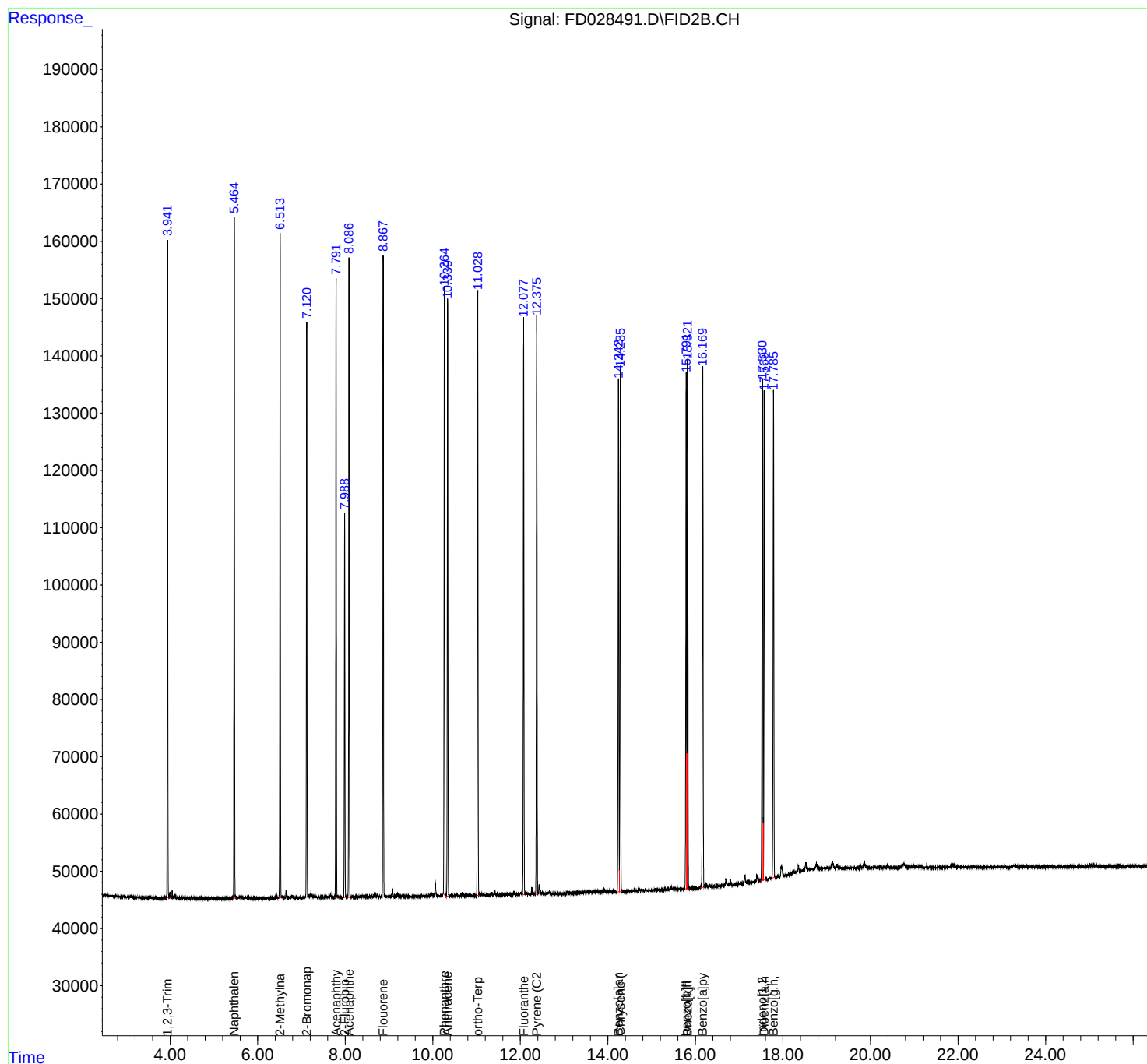
(m)=manual int.

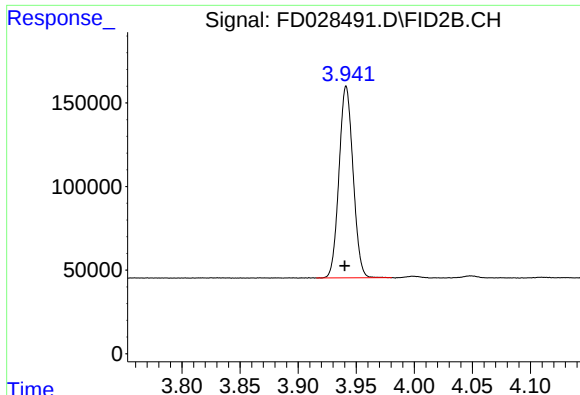
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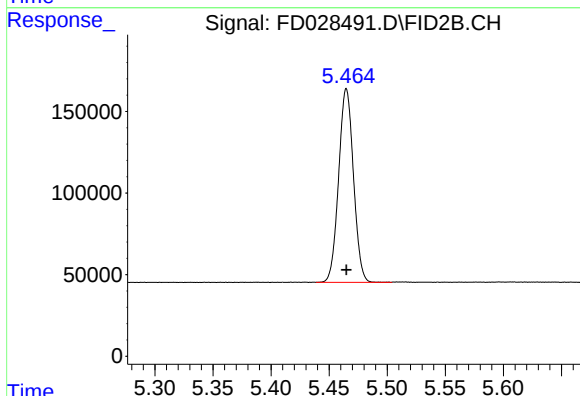




#1 1,2,3-Trimethylbenzene (C10.1)

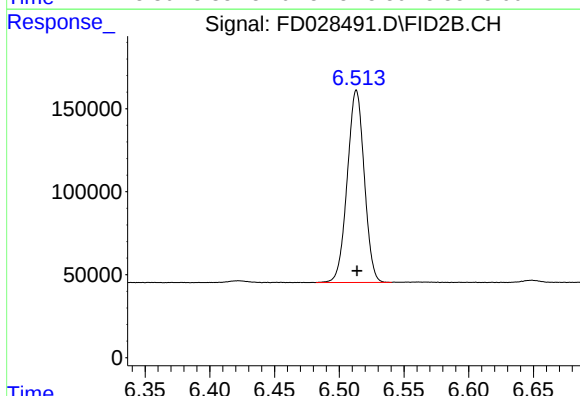
R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 965360
Conc: 10.32 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



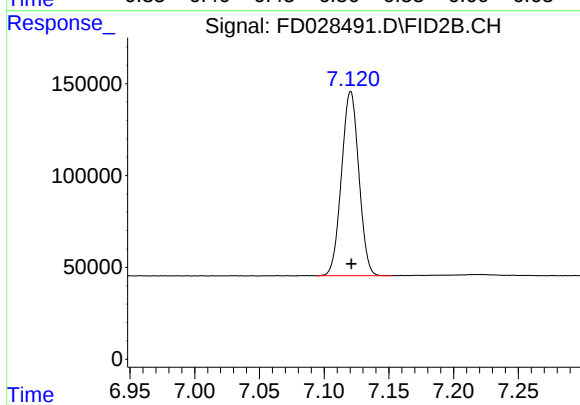
#2 Naphthalene (C11.7)

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 1052529
Conc: 10.27 ug/ml



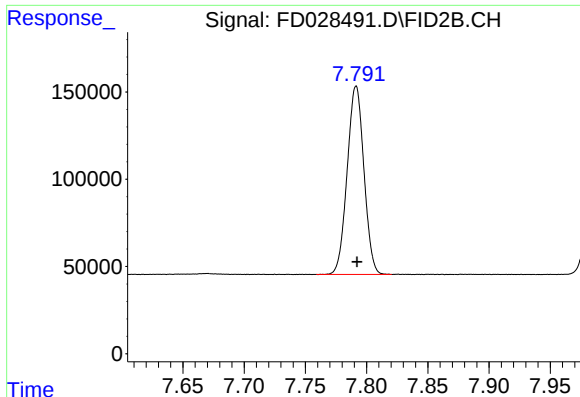
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 1058420
Conc: 10.24 ug/ml



#4 2-Bromonaphthalene (SURR)

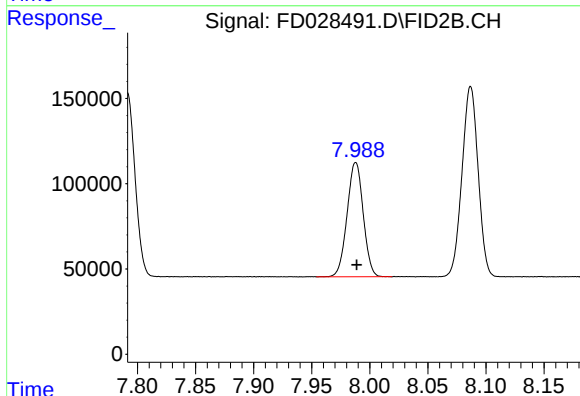
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 936497
Conc: 10.19 ug/ml



#5 Acenaphthylene (C15.06)

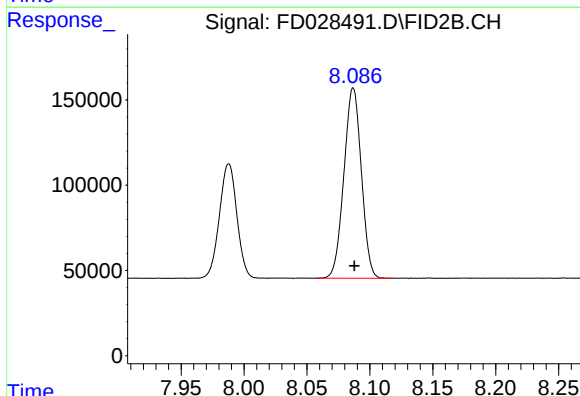
R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 1028781
Conc: 10.23 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



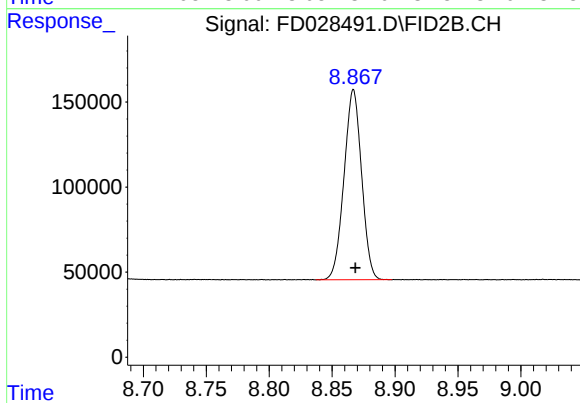
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 647854
Conc: 10.23 ug/ml



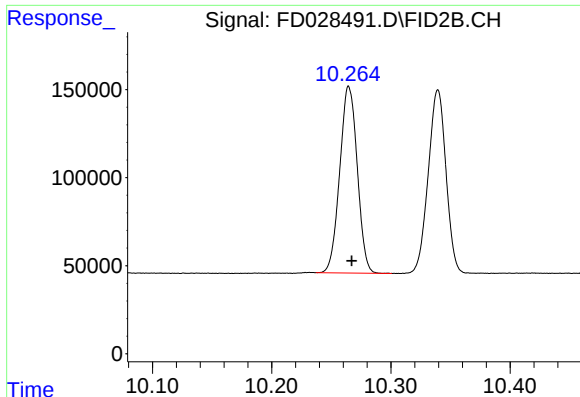
#7 Acenaphthene (C15.5)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 1078152
Conc: 10.23 ug/ml



#8 Flouorene (C16.55)

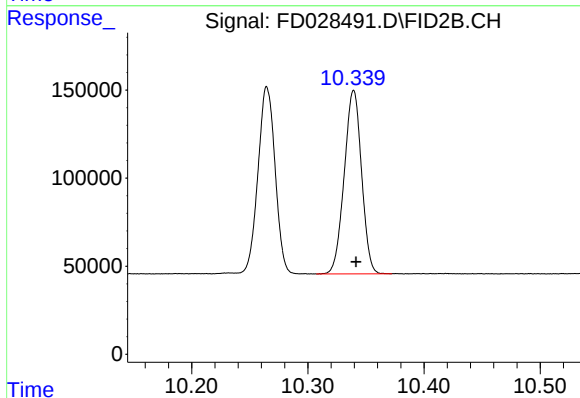
R.T.: 8.867 min
Delta R.T.: -0.002 min
Response: 1085237
Conc: 10.26 ug/ml



#9 Phenanthrene (C19.36)

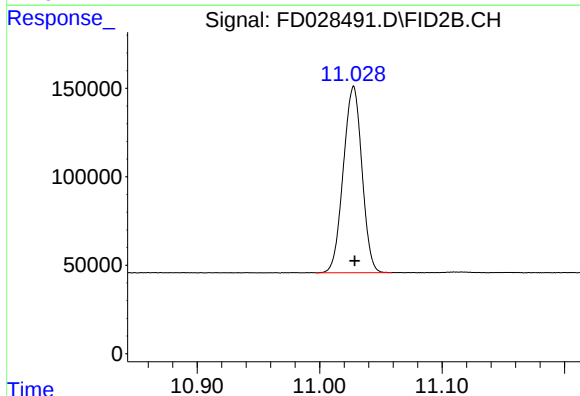
R.T.: 10.265 min
Delta R.T.: -0.003 min
Response: 1081831
Conc: 10.29 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



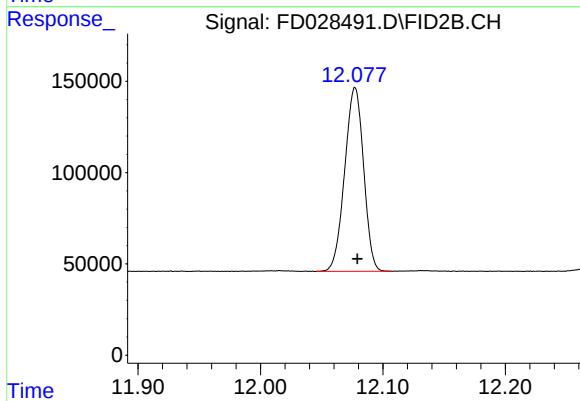
#10 Anthracene (C19.43)

R.T.: 10.339 min
Delta R.T.: -0.002 min
Response: 1078110
Conc: 10.31 ug/ml



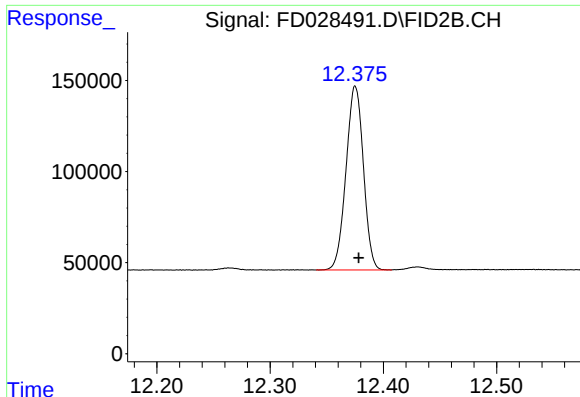
#11 ortho-Terphenyl (SURR)

R.T.: 11.028 min
Delta R.T.: 0.000 min
Response: 1114388
Conc: 10.31 ug/ml



#12 Fluoranthene (C21.85)

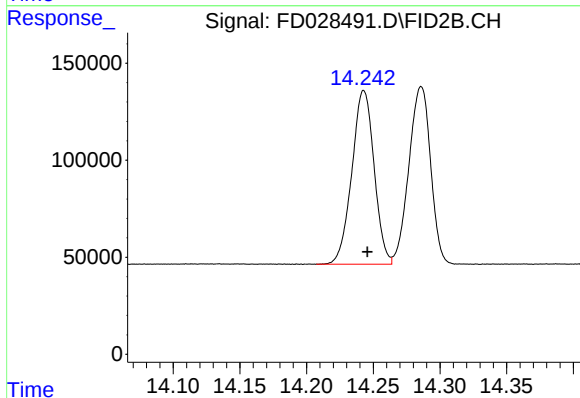
R.T.: 12.077 min
Delta R.T.: -0.002 min
Response: 1079714
Conc: 10.26 ug/ml



#13 Pyrene (C20.8)

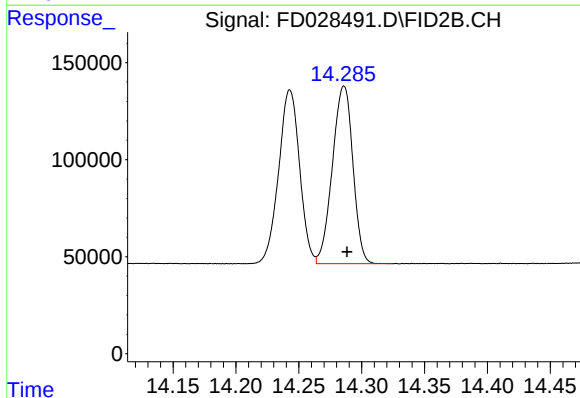
R.T.: 12.375 min
Delta R.T.: -0.003 min
Response: 1076018
Conc: 10.28 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



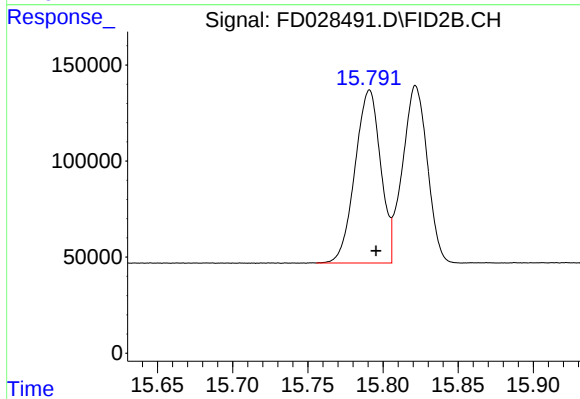
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.243 min
Delta R.T.: -0.003 min
Response: 1039823
Conc: 10.25 ug/ml



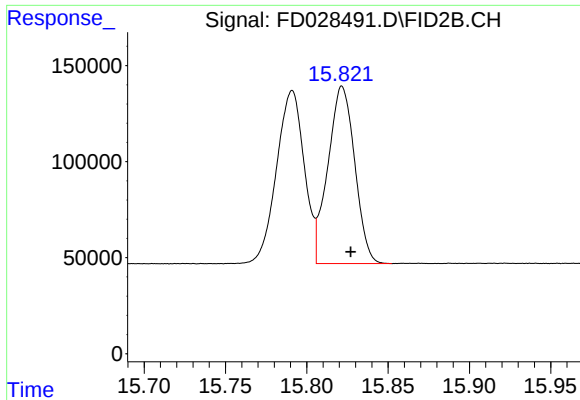
#15 Chrysene (C27.41)

R.T.: 14.286 min
Delta R.T.: -0.002 min
Response: 1039128
Conc: 10.25 ug/ml



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

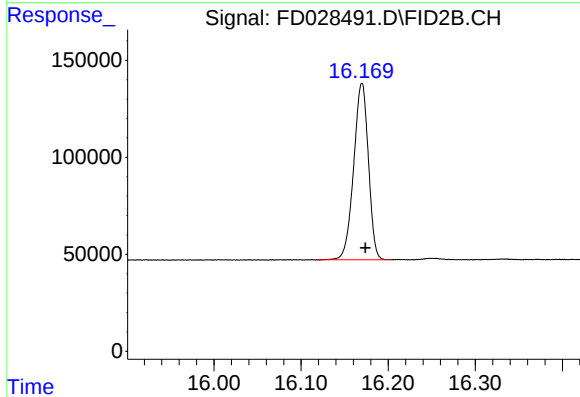
R.T.: 15.791 min
Delta R.T.: -0.004 min
Response: 1066334
Conc: 10.19 ug/ml



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

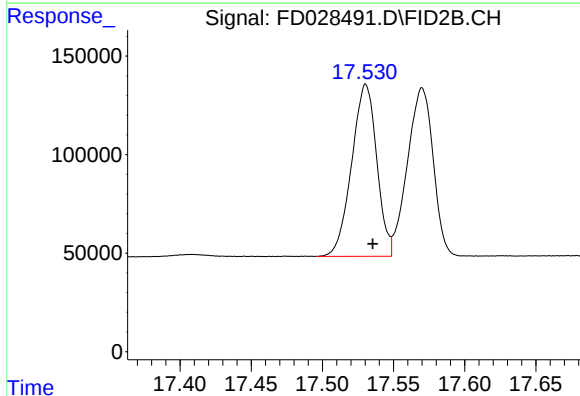
R.T.: 15.822 min
Delta R.T.: -0.005 min
Response: 1060382
Conc: 10.21 ug/ml

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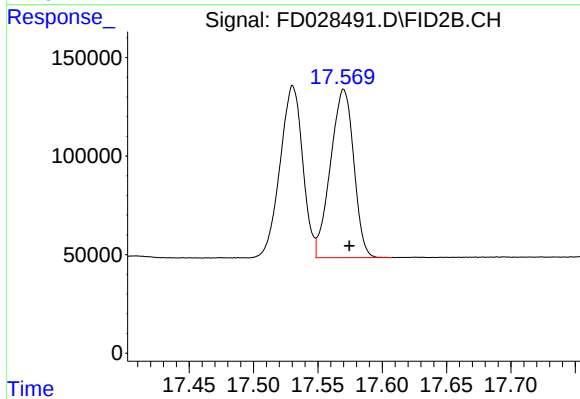
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.170 min
Delta R.T.: -0.004 min
Response: 1067165
Conc: 10.22 ug/ml



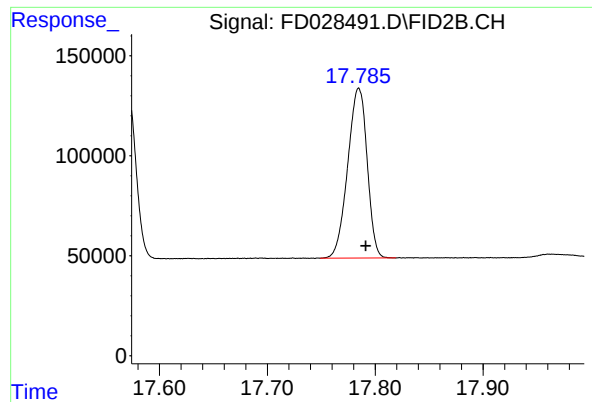
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.531 min
Delta R.T.: -0.005 min
Response: 1068624
Conc: 10.07 ug/ml



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

R.T.: 17.570 min
Delta R.T.: -0.004 min
Response: 1074418
Conc: 10.21 ug/ml



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

R.T.: 17.785 min
Delta R.T.: -0.007 min
Response: 1063149
Conc: 10.13 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4