

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062321AR\
 Data File : FD037973.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2021 11:47
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 24 01:51:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 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...	7.533	2538790	18.126 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
6) S 2-Fluorobiphenyl (SURR)	8.393	1646583	17.388 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.78%
11) S ortho-Terphenyl (SURR)	11.430	2707023	16.904 ug/ml
Spiked Amount 50.000		Recovery =	33.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	2958215	20.226 ug/ml
2) T Naphthalene (C11.7)	5.871	2949457	19.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.922	2873625	18.382 ug/ml
5) T Acenaphthylene (C15.06)	8.195	2691713	17.647 ug/ml
7) T Acenaphthene (C15.5)	8.491	2807165	17.805 ug/ml
8) T Flouorene (C16.55)	9.271	2588535	16.951 ug/ml
9) T Phenanthrene (C19.36)	10.665	2490963	16.319 ug/ml
10) T Anthracene (C19.43)	10.739	2318690	15.610 ug/ml
12) T Fluoranthene (C21.85)	12.473	2330900	15.467 ug/ml
13) T Pyrene (C20.8)	12.769	2239264	15.173 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2085247	15.532 ug/ml
15) T Chrysene (C27.41)	14.682	2203126	15.689 ug/ml
16) T benzo[b]fluoranthene ...	16.191	2174714	16.803 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2174803	17.073 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	2018397	17.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	2094380	18.883 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	2245441	19.838 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	2195818	19.906 ug/ml

(f)=RT Delta > 1/2 Window

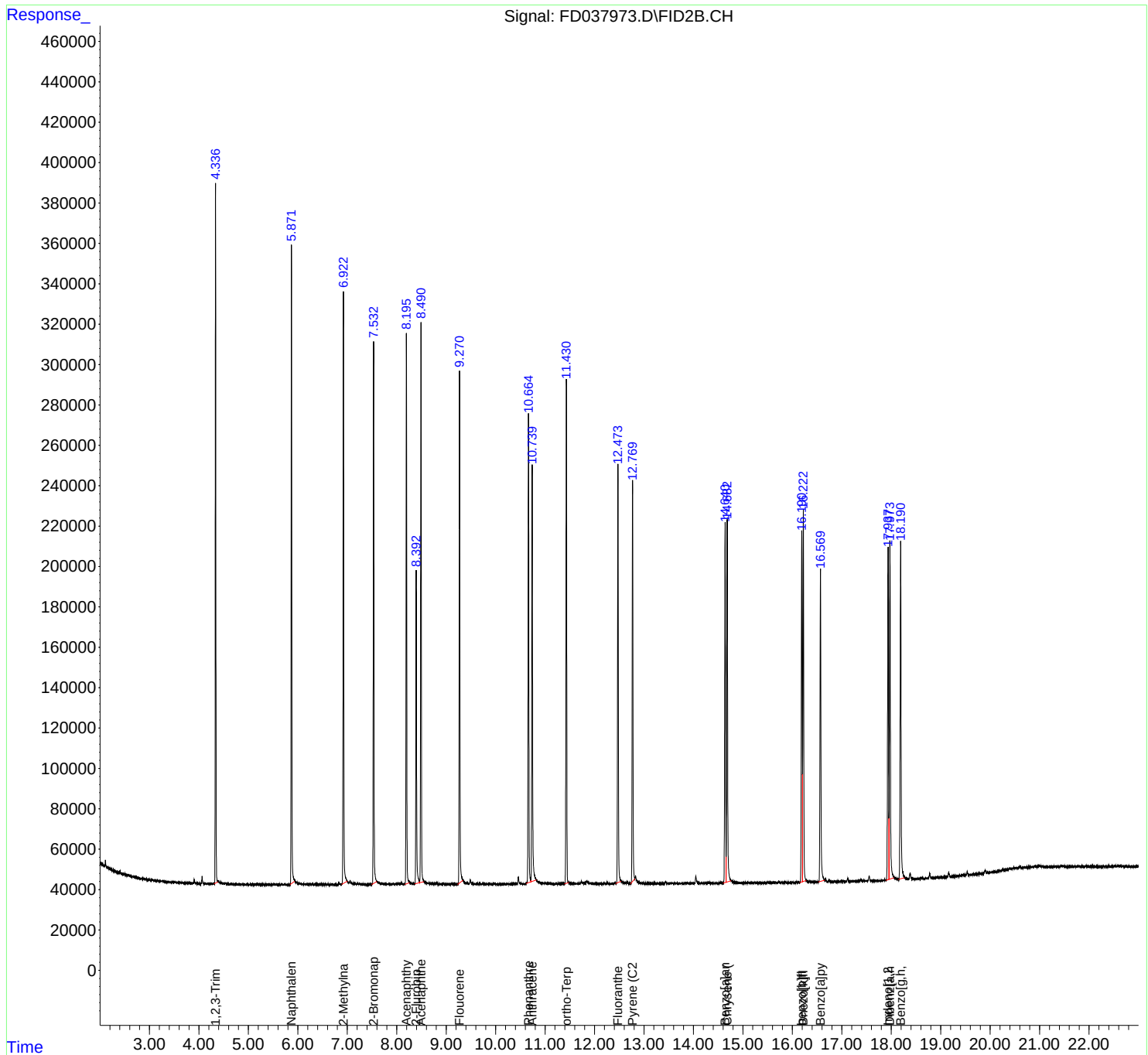
(m)=manual int.

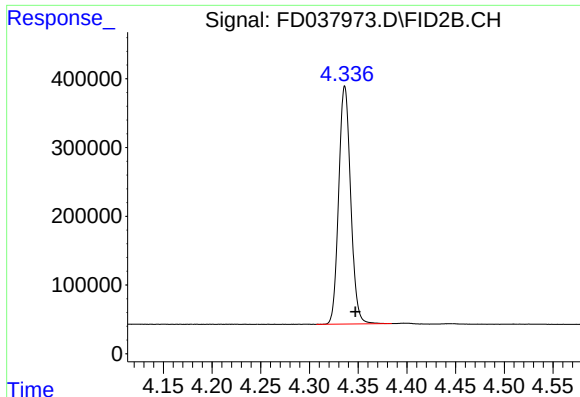
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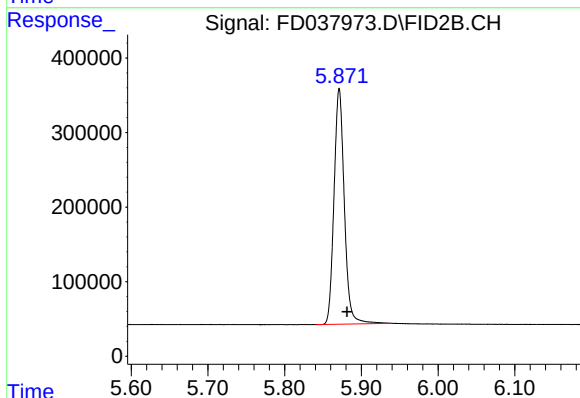




#1 1,2,3-Trimethylbenzene (C10.1)

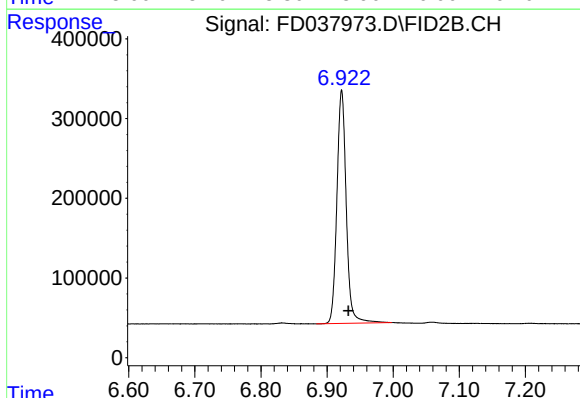
R.T.: 4.336 min
Delta R.T.: -0.011 min
Response: 2958215
Conc: 20.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



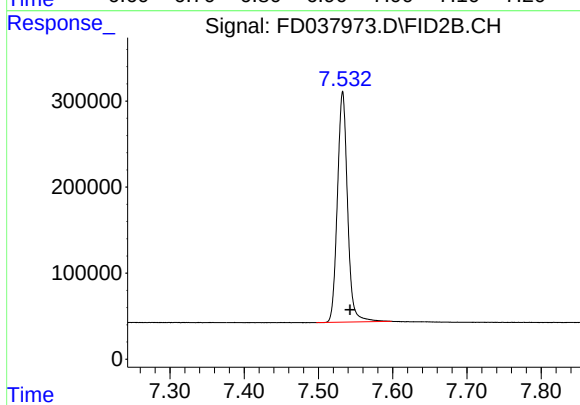
#2 Naphthalene (C11.7)

R.T.: 5.871 min
Delta R.T.: -0.010 min
Response: 2949457
Conc: 19.05 ug/ml



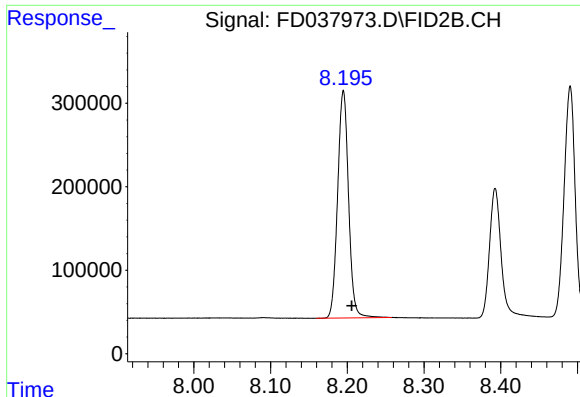
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.922 min
Delta R.T.: -0.010 min
Response: 2873625
Conc: 18.38 ug/ml



#4 2-Bromonaphthalene (SURR)

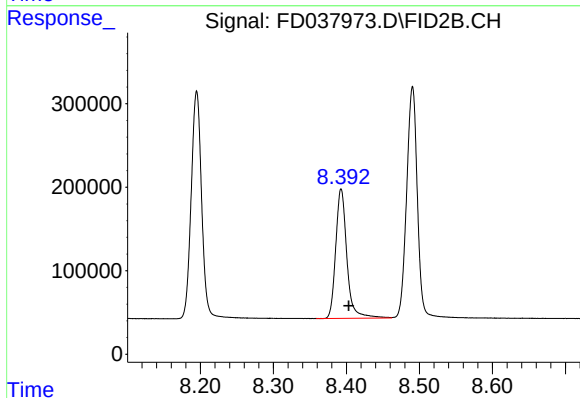
R.T.: 7.533 min
Delta R.T.: -0.010 min
Response: 2538790
Conc: 18.13 ug/ml



#5 Acenaphthylene (C15.06)

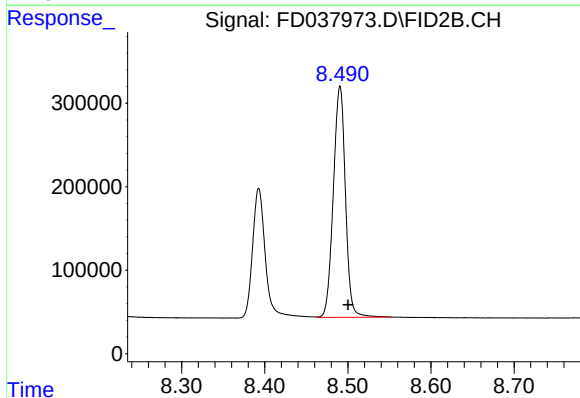
R.T.: 8.195 min
Delta R.T.: -0.011 min
Response: 2691713
Conc: 17.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



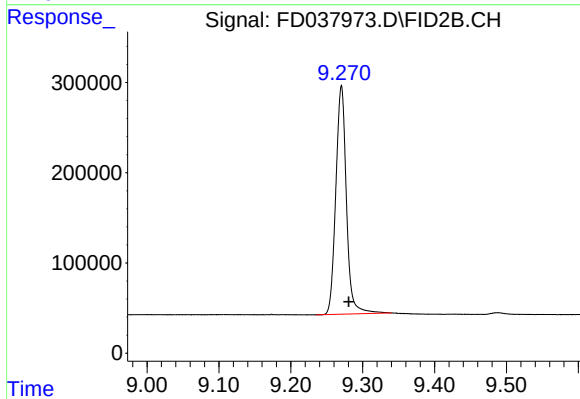
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.393 min
Delta R.T.: -0.010 min
Response: 1646583
Conc: 17.39 ug/ml



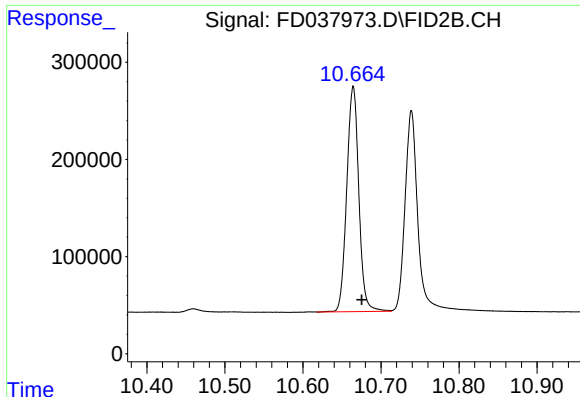
#7 Acenaphthene (C15.5)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 2807165
Conc: 17.80 ug/ml



#8 Flouorene (C16.55)

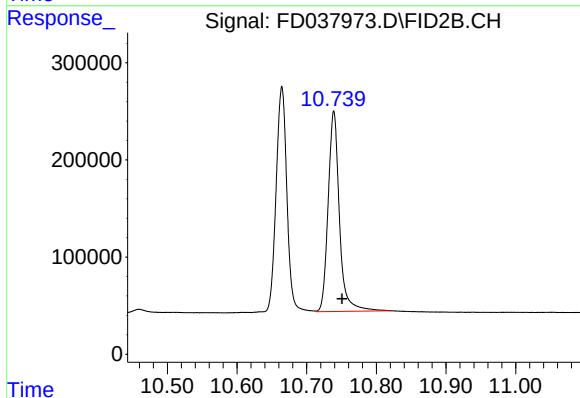
R.T.: 9.271 min
Delta R.T.: -0.010 min
Response: 2588535
Conc: 16.95 ug/ml



#9 Phenanthrene (C19.36)

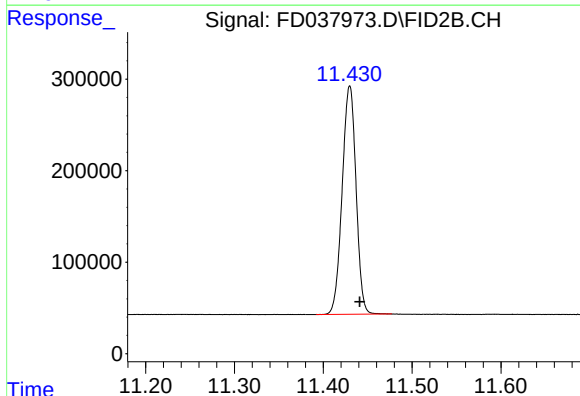
R.T.: 10.665 min
Delta R.T.: -0.011 min
Response: 2490963
Conc: 16.32 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



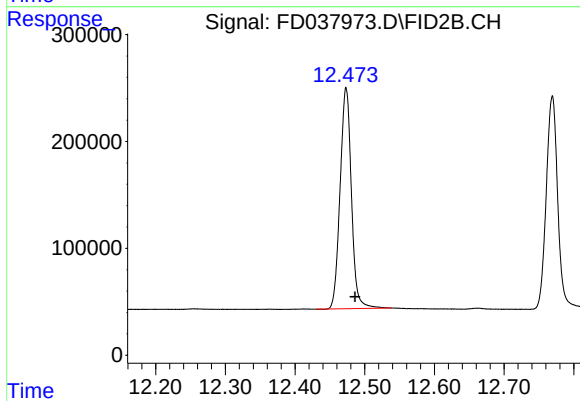
#10 Anthracene (C19.43)

R.T.: 10.739 min
Delta R.T.: -0.012 min
Response: 2318690
Conc: 15.61 ug/ml



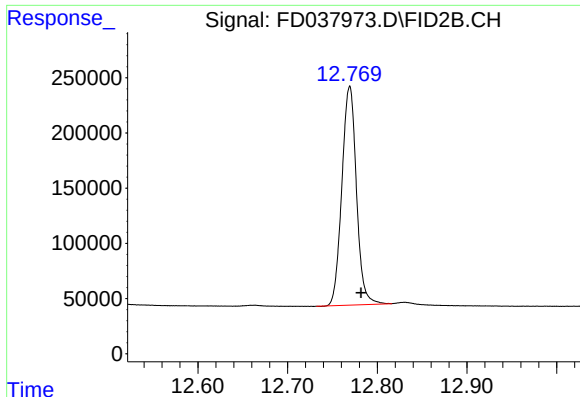
#11 ortho-Terphenyl (SURR)

R.T.: 11.430 min
Delta R.T.: -0.011 min
Response: 2707023
Conc: 16.90 ug/ml



#12 Fluoranthene (C21.85)

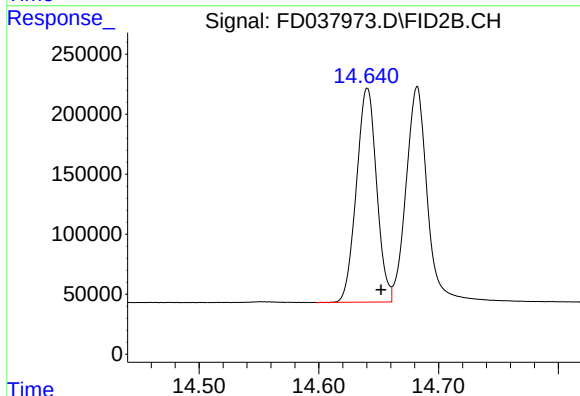
R.T.: 12.473 min
Delta R.T.: -0.013 min
Response: 2330900
Conc: 15.47 ug/ml



#13 Pyrene (C20.8)

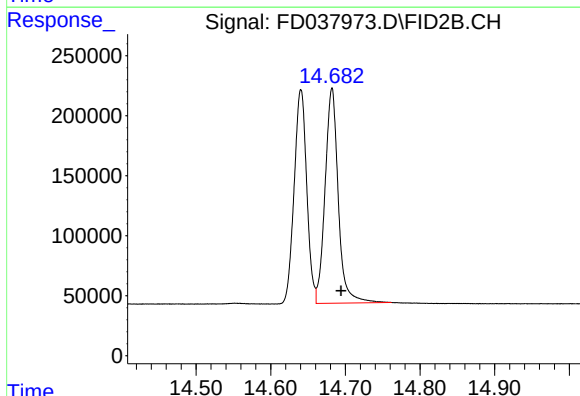
R.T.: 12.769 min
Delta R.T.: -0.013 min
Response: 2239264
Conc: 15.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



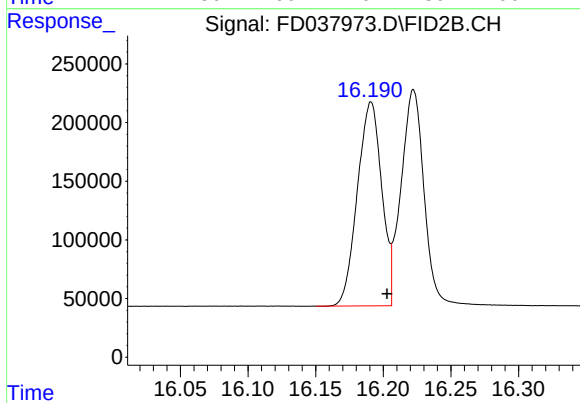
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: -0.011 min
Response: 2085247
Conc: 15.53 ug/ml



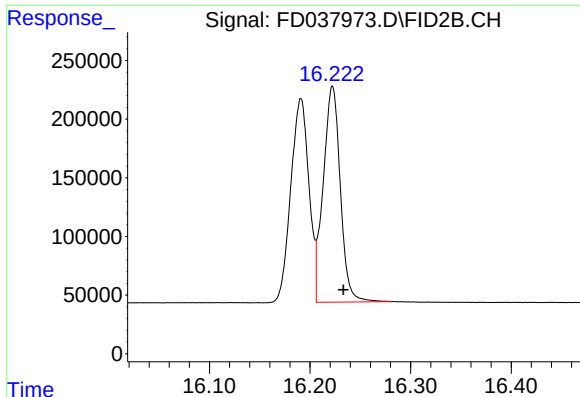
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: -0.012 min
Response: 2203126
Conc: 15.69 ug/ml



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

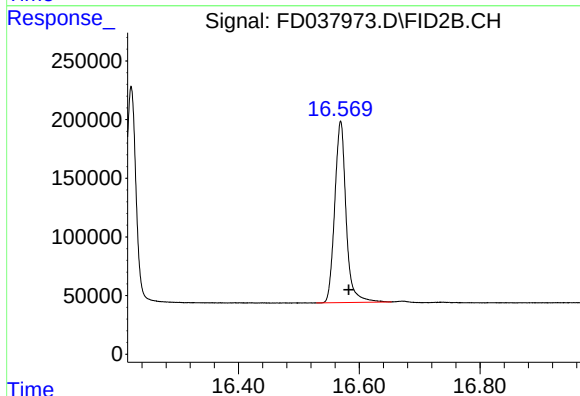
R.T.: 16.191 min
Delta R.T.: -0.012 min
Response: 2174714
Conc: 16.80 ug/ml



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

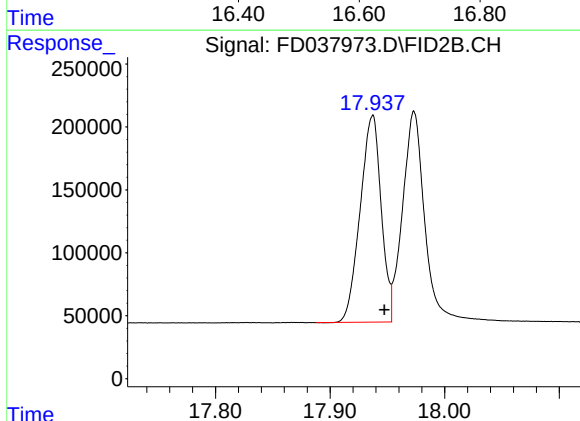
R.T.: 16.222 min
Delta R.T.: -0.011 min
Response: 2174803
Conc: 17.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



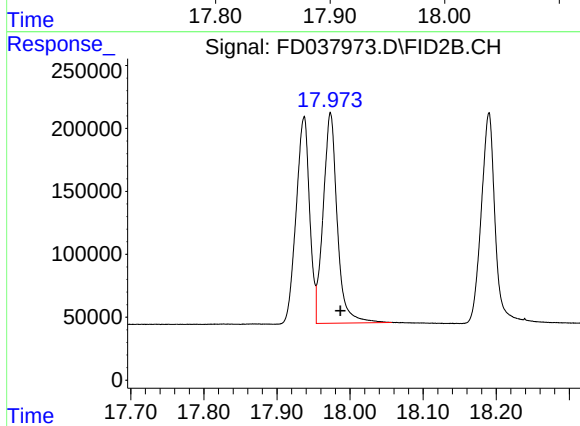
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: -0.013 min
Response: 2018397
Conc: 17.32 ug/ml



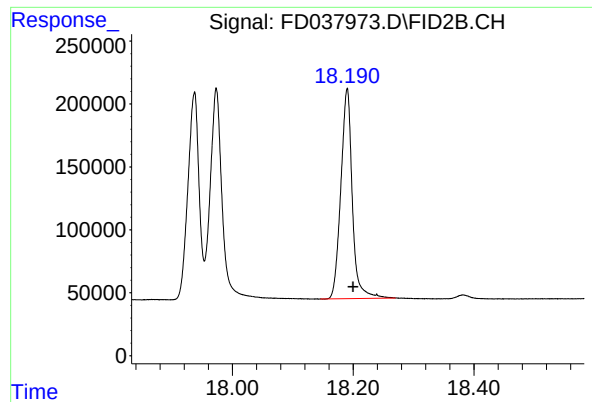
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: -0.010 min
Response: 2094380
Conc: 18.88 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.013 min
Response: 2245441
Conc: 19.84 ug/ml



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

R.T.: 18.190 min
Delta R.T.: -0.010 min
Response: 2195818
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :
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