

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037859.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 8:34
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 11 11:25:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:25:07 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...	7.552	14342242	105.274 ug/ml
Spiked Amount 50.000		Recovery =	210.55%
6) S 2-Fluorobiphenyl (SURR)	8.415	9765236	107.011 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	214.02%#
11) S ortho-Terphenyl (SURR)	11.455	15635899	100.466 ug/ml
Spiked Amount 50.000		Recovery =	200.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	14711604	103.399 ug/ml
2) T Naphthalene (C11.7)	5.889	15944347	105.272 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	16068668	104.740 ug/ml
5) T Acenaphthylene (C15.06)	8.218	15374539	103.322 ug/ml
7) T Acenaphthene (C15.5)	8.517	15868886	103.718 ug/ml
8) T Fluorene (C16.55)	9.297	15502304	102.892 ug/ml
9) T Phenanthrene (C19.36)	10.693	15235274	101.895 ug/ml
10) T Anthracene (C19.43)	10.771	14926244	102.406 ug/ml
12) T Fluoranthene (C21.85)	12.507	14777784	100.142 ug/ml
13) T Pyrene (C20.8)	12.804	14516840	101.145 ug/ml
14) T Benzo[a]anthracene (C...	14.675	13171309	99.709 ug/ml
15) T Chrysene (C27.41)	14.724	13451023	98.450 ug/mlm
16) T benzo[b]fluoranthene ...	16.228	12568494	98.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	12087585	97.176 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.610	11340860	98.924 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	11409019	105.375 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	10424437	92.922 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.240	10863379	100.340 ug/ml

(f)=RT Delta > 1/2 Window

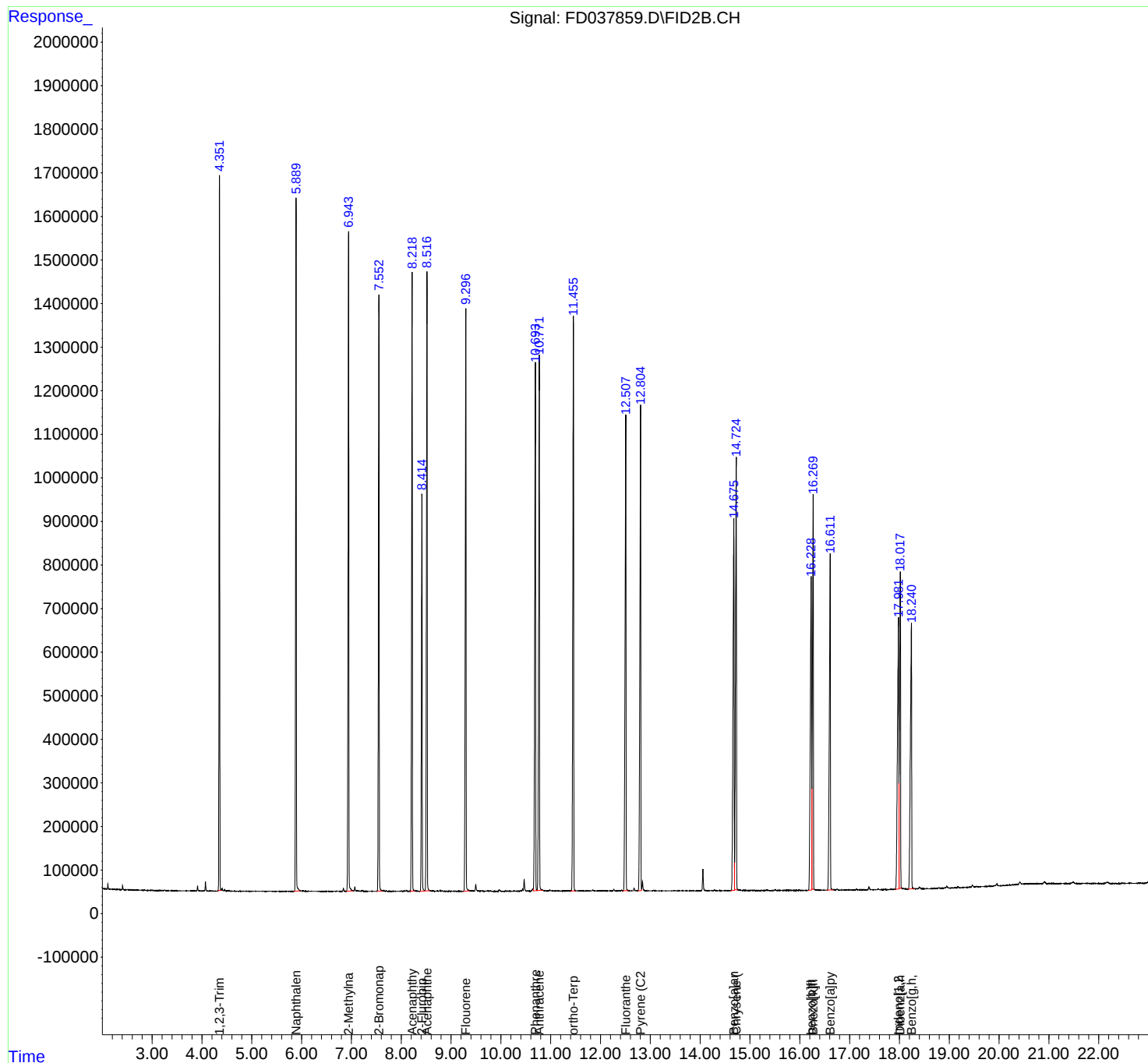
(m)=manual int.

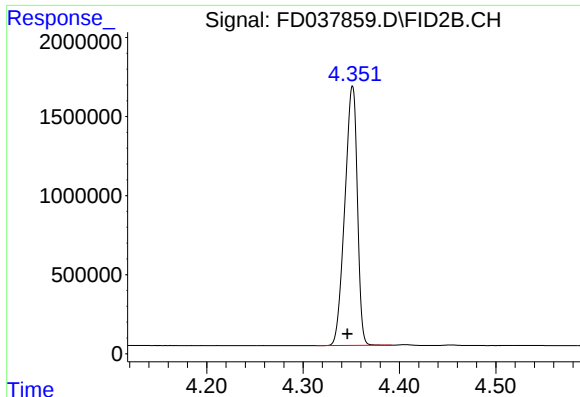
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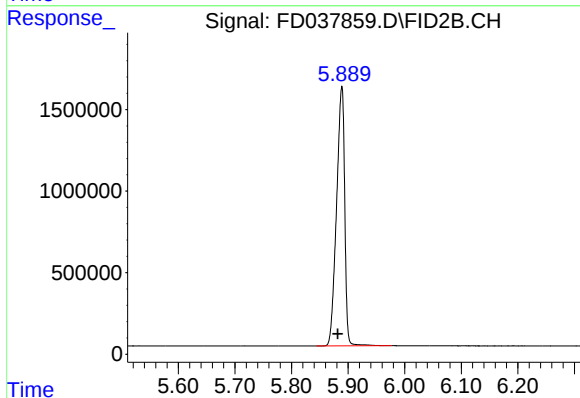




#1 1,2,3-Trimethylbenzene (C10.1)

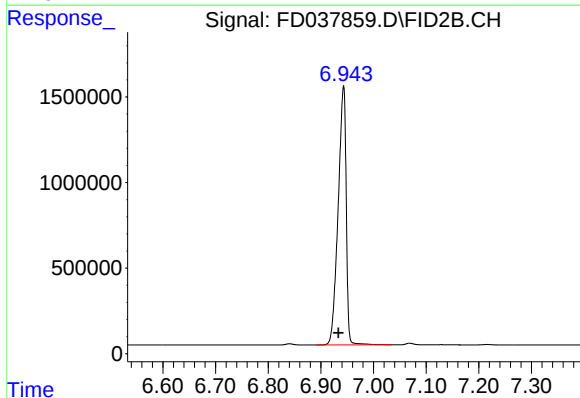
R.T.: 4.351 min
Delta R.T.: 0.005 min
Response: 14711604
Conc: 103.40 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



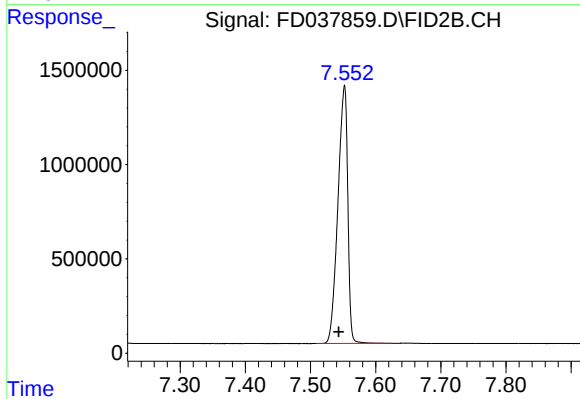
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.007 min
Response: 15944347
Conc: 105.27 ug/ml



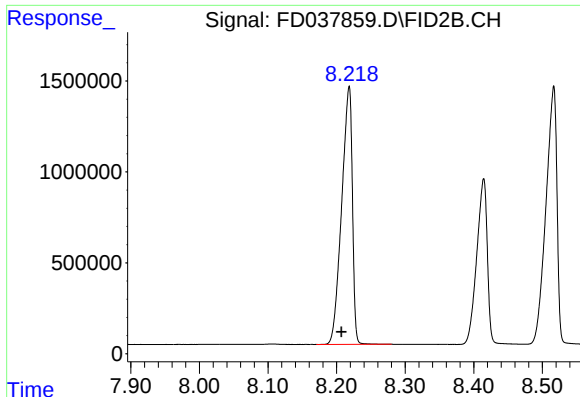
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: 0.010 min
Response: 16068668
Conc: 104.74 ug/ml



#4 2-Bromonaphthalene (SURR)

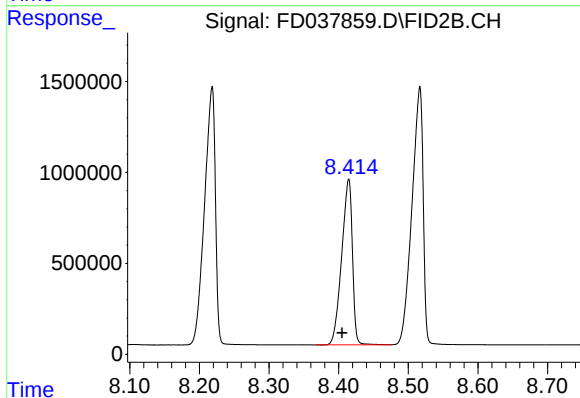
R.T.: 7.552 min
Delta R.T.: 0.009 min
Response: 14342242
Conc: 105.27 ug/ml



#5 Acenaphthylene (C15.06)

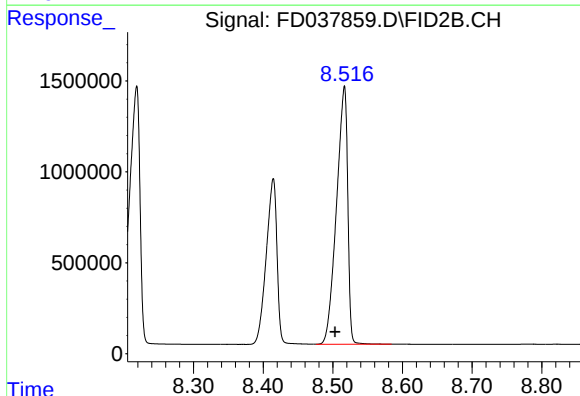
R.T.: 8.218 min
Delta R.T.: 0.011 min
Response: 15374539
Conc: 103.32 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



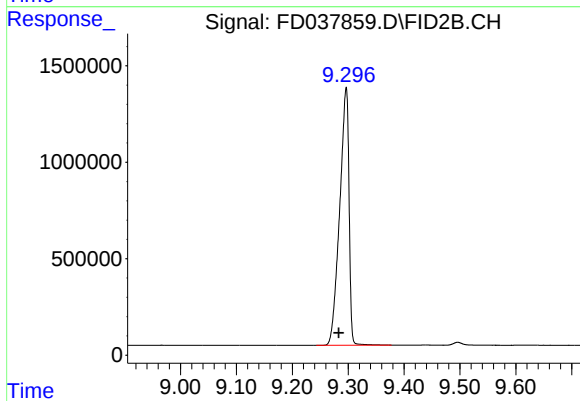
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: 0.009 min
Response: 9765236
Conc: 107.01 ug/ml



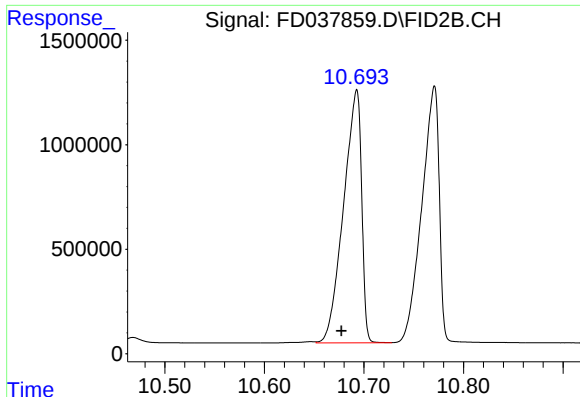
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.014 min
Response: 15868886
Conc: 103.72 ug/ml



#8 Flouorene (C16.55)

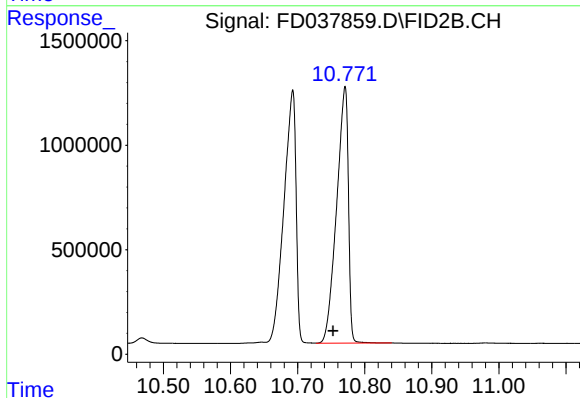
R.T.: 9.297 min
Delta R.T.: 0.014 min
Response: 15502304
Conc: 102.89 ug/ml



#9 Phenanthrene (C19.36)

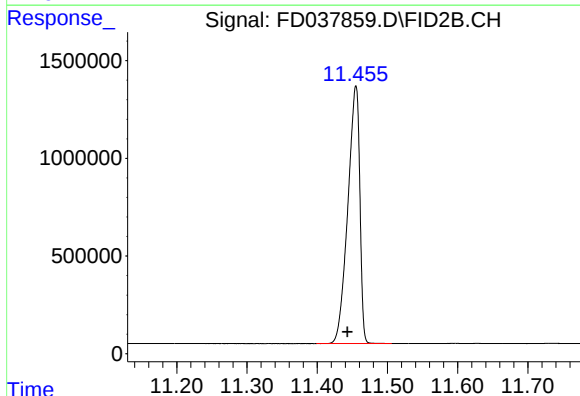
R.T.: 10.693 min
Delta R.T.: 0.016 min
Response: 15235274
Conc: 101.89 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



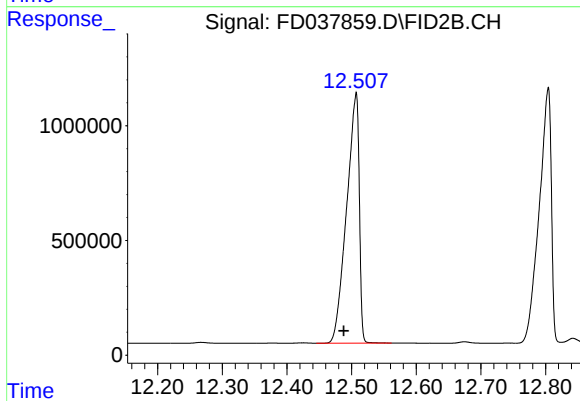
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: 0.018 min
Response: 14926244
Conc: 102.41 ug/ml



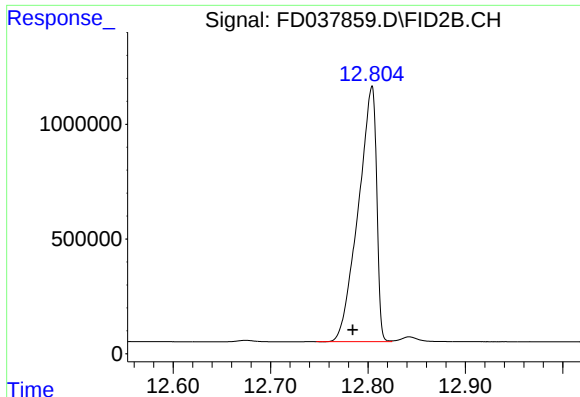
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: 0.012 min
Response: 15635899
Conc: 100.47 ug/ml



#12 Fluoranthene (C21.85)

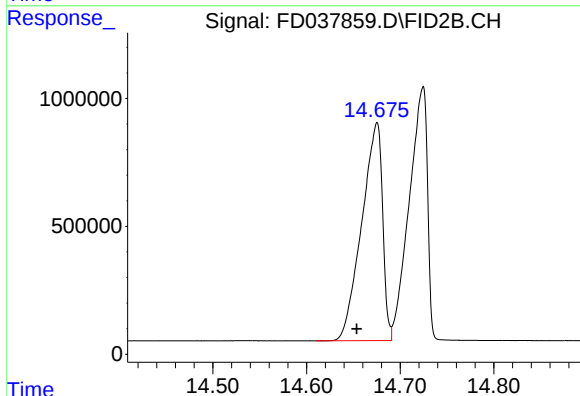
R.T.: 12.507 min
Delta R.T.: 0.019 min
Response: 14777784
Conc: 100.14 ug/ml



#13 Pyrene (C20.8)

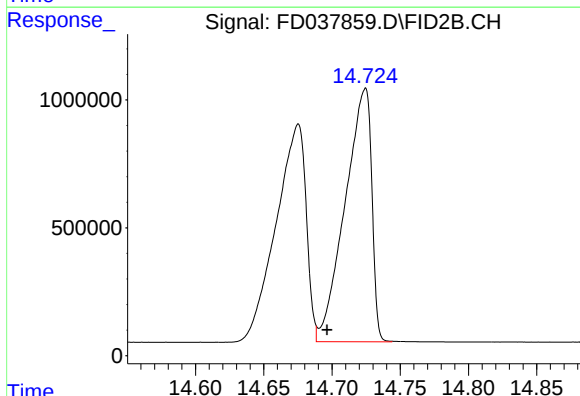
R.T.: 12.804 min
Delta R.T.: 0.020 min
Response: 14516840
Conc: 101.14 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



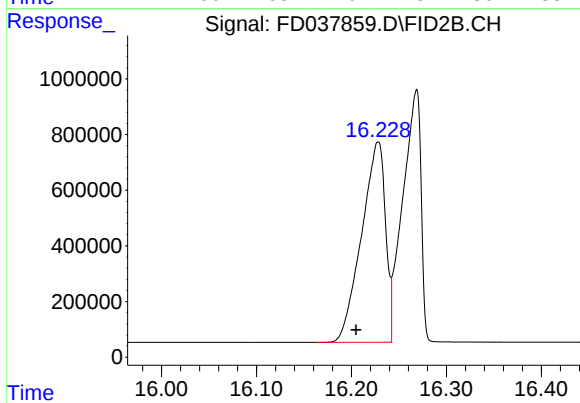
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: 0.021 min
Response: 13171309
Conc: 99.71 ug/ml



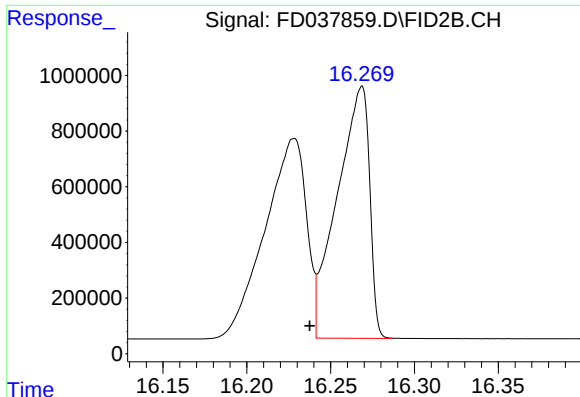
#15 Chrysene (C27.41)

R.T.: 14.724 min
Delta R.T.: 0.028 min
Response: 13451023
Conc: 98.45 ug/ml m



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

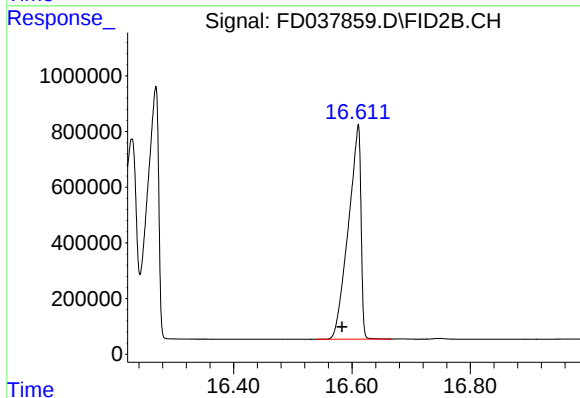
R.T.: 16.228 min
Delta R.T.: 0.023 min
Response: 12568494
Conc: 98.81 ug/ml



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

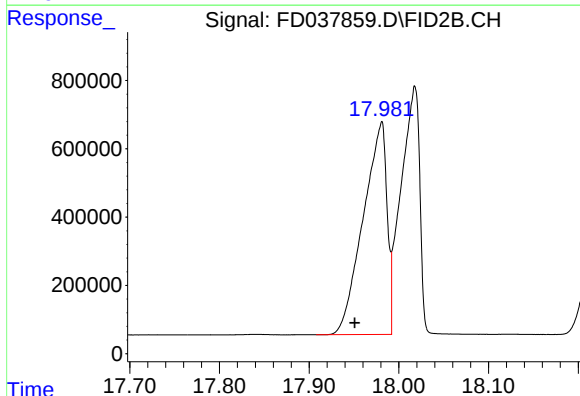
R.T.: 16.269 min
Delta R.T.: 0.031 min
Response: 12087585
Conc: 97.18 ug/ml m

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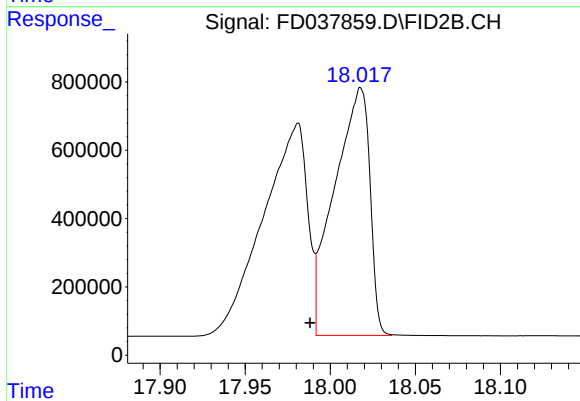
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.610 min
Delta R.T.: 0.027 min
Response: 11340860
Conc: 98.92 ug/ml



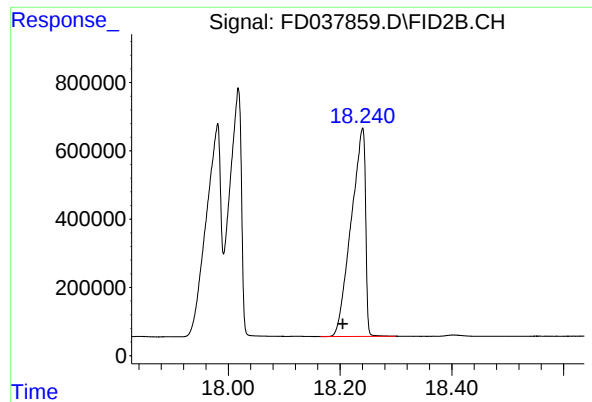
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: 0.030 min
Response: 11409019
Conc: 105.38 ug/ml



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

R.T.: 18.017 min
Delta R.T.: 0.029 min
Response: 10424437
Conc: 92.92 ug/ml m



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

R.T.: 18.240 min
Delta R.T.: 0.035 min
Response: 10863379
Conc: 100.34 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1