

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031021AR\
 Data File : FD036362.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2021 3:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 11 05:23:29 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...	7.601	2213915	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
6) S 2-Fluorobiphenyl (SURR)	8.461	1562218	18.772 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.54%
11) S ortho-Terphenyl (SURR)	11.499	2588993	18.377 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	2366156	18.872 ug/ml
2) T Naphthalene (C11.7)	5.939	2556840	18.868 ug/ml
3) T 2-Methylnaphthalene (...)	6.991	2571212	18.830 ug/ml
5) T Acenaphthylene (C15.06)	8.265	2506904	18.633 ug/ml
7) T Acenaphthene (C15.5)	8.560	2594851	18.747 ug/ml
8) T Fluorene (C16.55)	9.339	2543588	18.638 ug/ml
9) T Phenanthrene (C19.36)	10.733	2560228	18.582 ug/ml
10) T Anthracene (C19.43)	10.807	2410273	17.953 ug/ml
12) T Fluoranthene (C21.85)	12.541	2542856	18.310 ug/ml
13) T Pyrene (C20.8)	12.837	2512761	18.328 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2300281	18.186 ug/ml
15) T Chrysene (C27.41)	14.748	2362490	18.243 ug/ml
16) T benzo[b]fluoranthene ...	16.251	2245010	18.447 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	2180794	18.520 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	2052261	18.610 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.990	2107761	19.050 ug/ml
20) T Dibenz[a,h]anthracene...	18.030	2154673	19.471 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	2131612	19.278 ug/ml

(f)=RT Delta > 1/2 Window

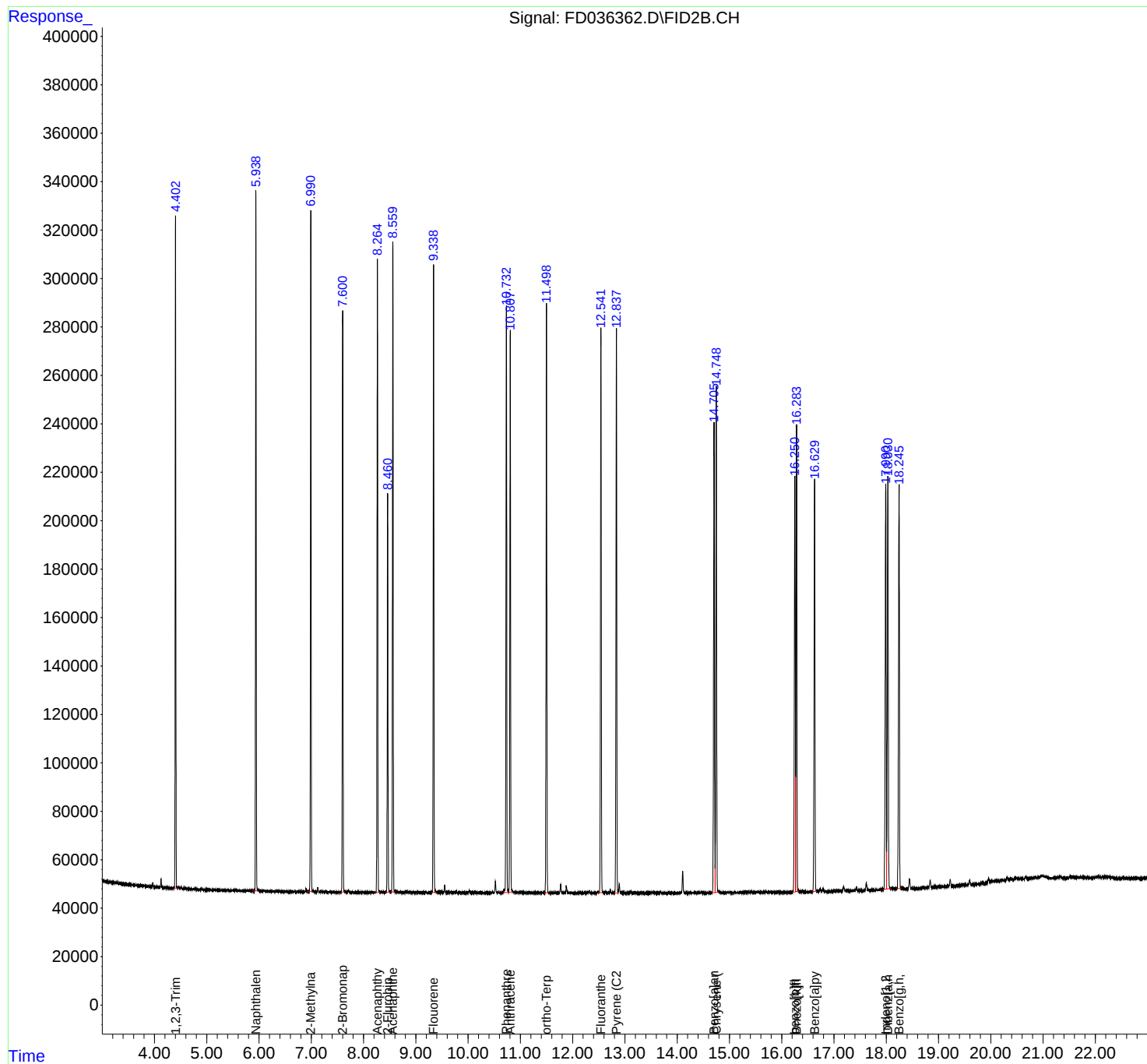
(m)=manual int.

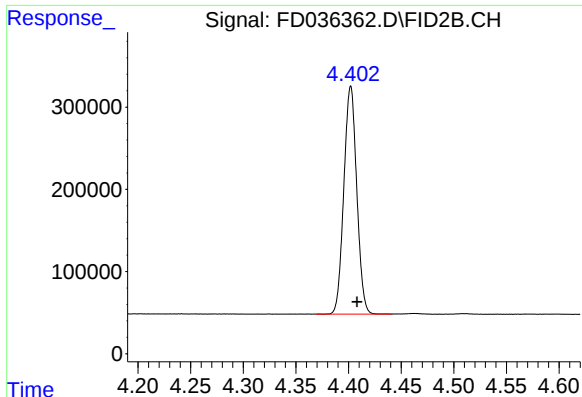
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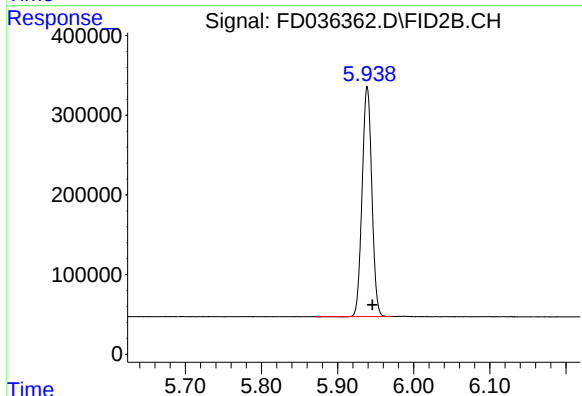




#1 1,2,3-Trimethylbenzene (C10.1)

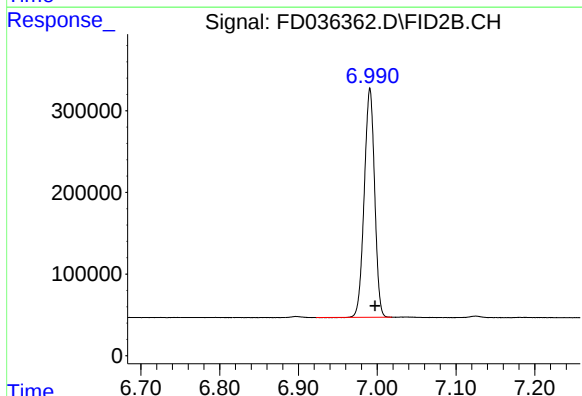
R.T.: 4.402 min
Delta R.T.: -0.006 min
Response: 2366156
Conc: 18.87 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



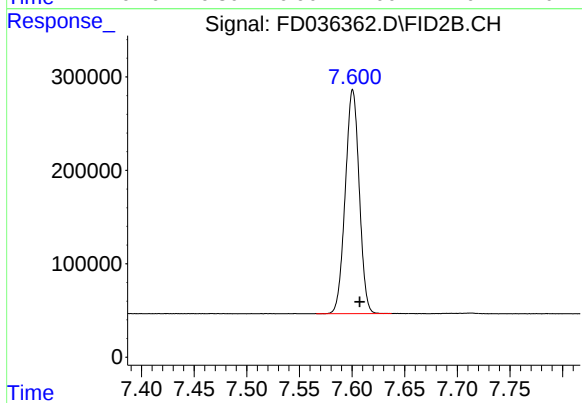
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 2556840
Conc: 18.87 ug/ml



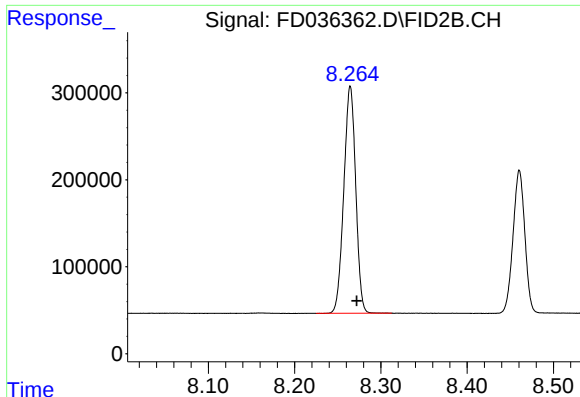
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.006 min
Response: 2571212
Conc: 18.83 ug/ml



#4 2-Bromonaphthalene (SURR)

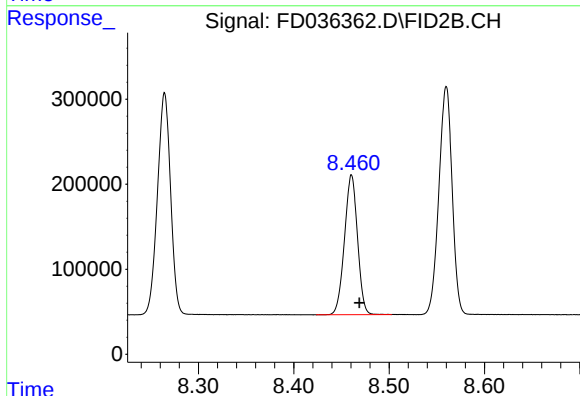
R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 2213915
Conc: 18.78 ug/ml



#5 Acenaphthylene (C15.06)

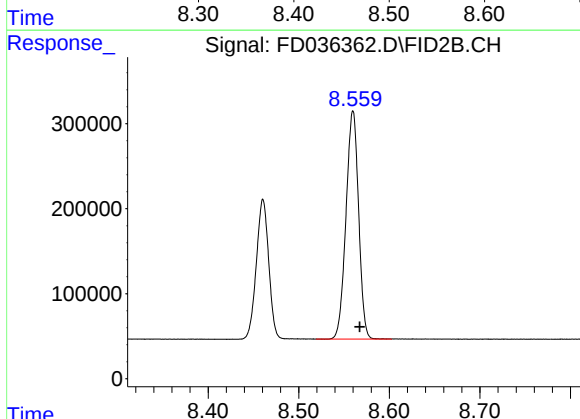
R.T.: 8.265 min
Delta R.T.: -0.008 min
Response: 2506904
Conc: 18.63 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



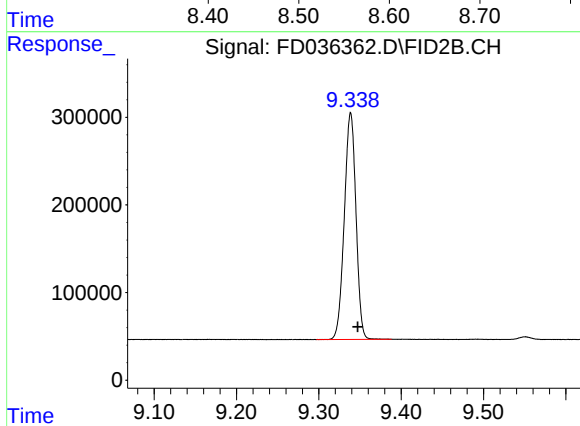
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 1562218
Conc: 18.77 ug/ml



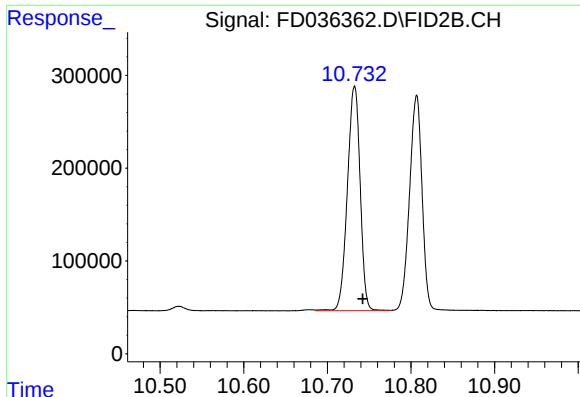
#7 Acenaphthene (C15.5)

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 2594851
Conc: 18.75 ug/ml



#8 Fluorene (C16.55)

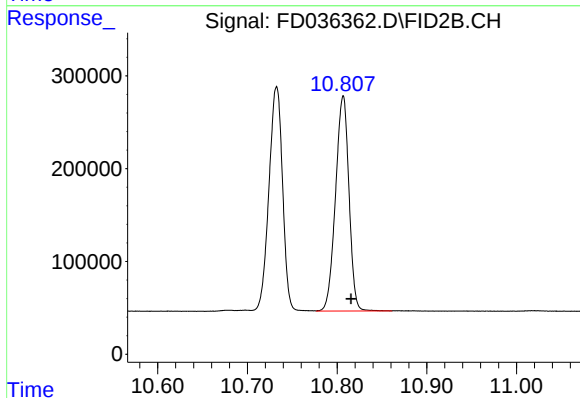
R.T.: 9.339 min
Delta R.T.: -0.009 min
Response: 2543588
Conc: 18.64 ug/ml



#9 Phenanthrene (C19.36)

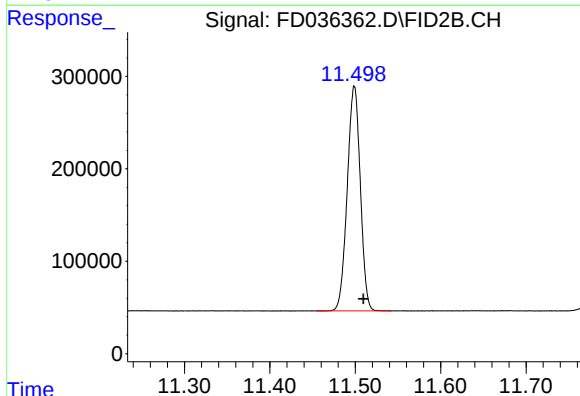
R.T.: 10.733 min
Delta R.T.: -0.010 min
Response: 2560228
Conc: 18.58 ug/ml

Instrument :
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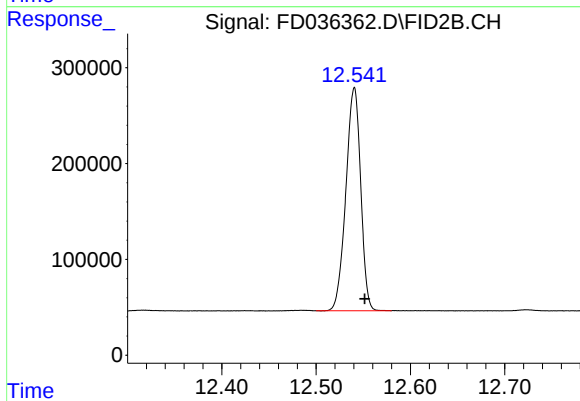
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 2410273
Conc: 17.95 ug/ml



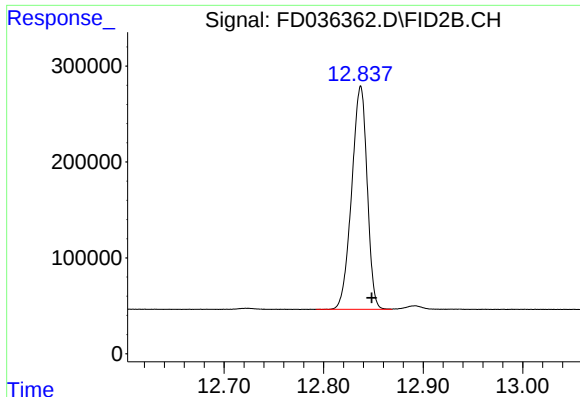
#11 ortho-Terphenyl (SURR)

R.T.: 11.499 min
Delta R.T.: -0.010 min
Response: 2588993
Conc: 18.38 ug/ml



#12 Fluoranthene (C21.85)

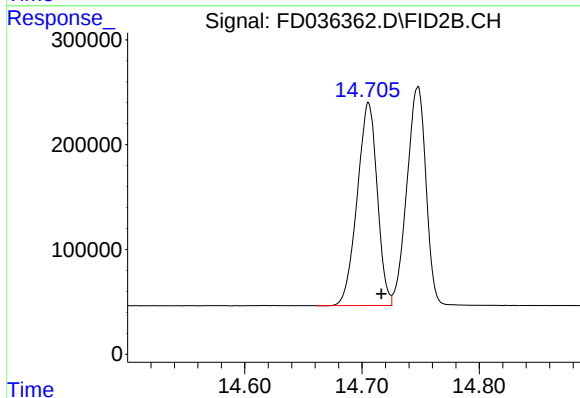
R.T.: 12.541 min
Delta R.T.: -0.011 min
Response: 2542856
Conc: 18.31 ug/ml



#13 Pyrene (C20.8)

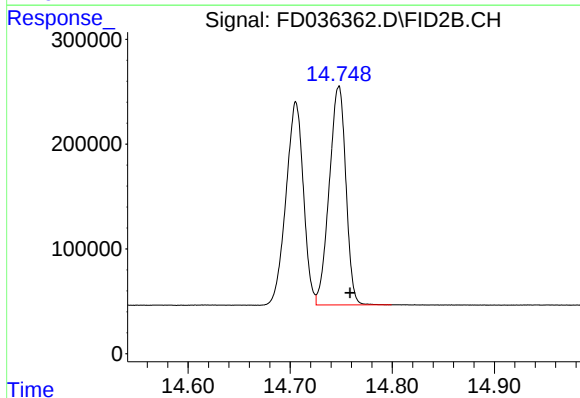
R.T.: 12.837 min
Delta R.T.: -0.011 min
Response: 2512761
Conc: 18.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



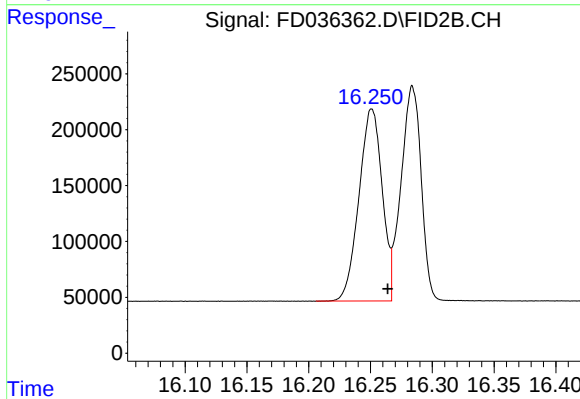
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.011 min
Response: 2300281
Conc: 18.19 ug/ml



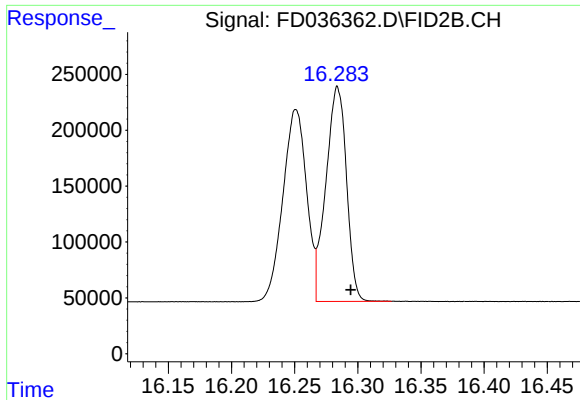
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.011 min
Response: 2362490
Conc: 18.24 ug/ml



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

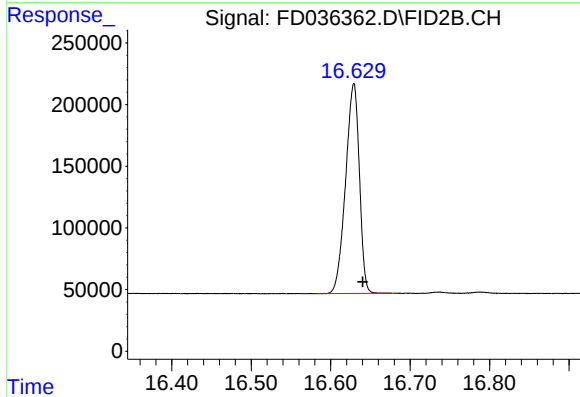
R.T.: 16.251 min
Delta R.T.: -0.013 min
Response: 2245010
Conc: 18.45 ug/ml



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

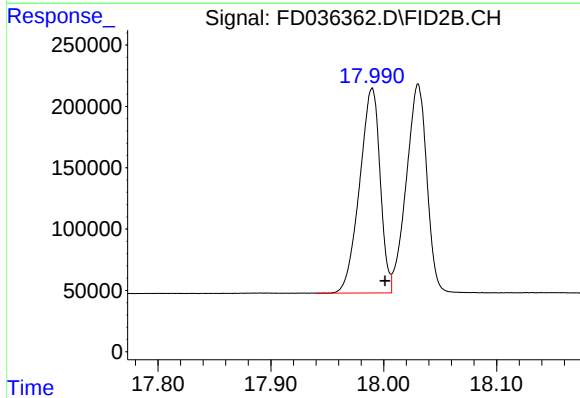
R.T.: 16.284 min
Delta R.T.: -0.011 min
Response: 2180794
Conc: 18.52 ug/ml

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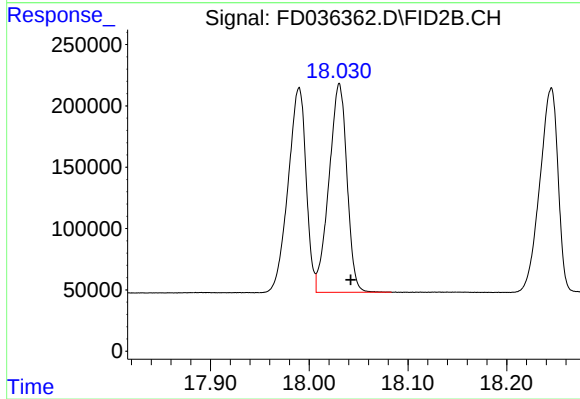
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: -0.011 min
Response: 2052261
Conc: 18.61 ug/ml



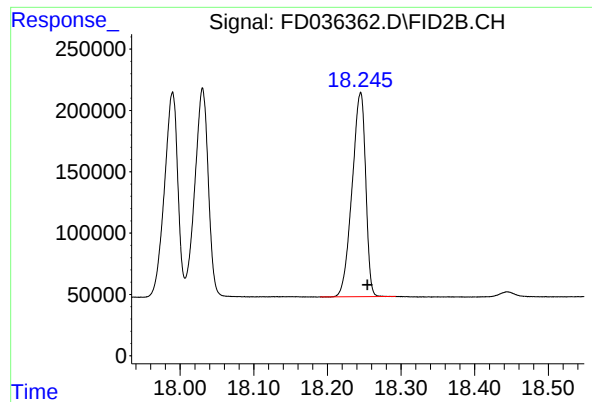
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: -0.011 min
Response: 2107761
Conc: 19.05 ug/ml



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

R.T.: 18.030 min
Delta R.T.: -0.011 min
Response: 2154673
Conc: 19.47 ug/ml



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

R.T.: 18.245 min
Delta R.T.: -0.009 min
Response: 2131612
Conc: 19.28 ug/ml

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