

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037061.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 2:40
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 22 04:07:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 04:06:44 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...	7.578	5710430	49.501 ug/ml
Spiked Amount 50.000		Recovery =	99.00%
6) S 2-Fluorobiphenyl (SURR)	8.440	3790426	50.142 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.28%
11) S ortho-Terphenyl (SURR)	11.480	5856173	48.758 ug/ml
Spiked Amount 50.000		Recovery =	97.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.379	6322670	49.027 ug/ml
2) T Naphthalene (C11.7)	5.916	6584733	49.258 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	6450552	49.408 ug/ml
5) T Acenaphthylene (C15.06)	8.244	6050754	49.429 ug/ml
7) T Acenaphthene (C15.5)	8.540	6217306	49.378 ug/ml
8) T Fluorene (C16.55)	9.319	5954635	49.623 ug/ml
9) T Phenanthrene (C19.36)	10.714	5748138	49.734 ug/ml
10) T Anthracene (C19.43)	10.789	5633891	49.962 ug/ml
12) T Fluoranthene (C21.85)	12.525	5576347	49.155 ug/ml
13) T Pyrene (C20.8)	12.821	5508919	49.221 ug/ml
14) T Benzo[a]anthracene (C...	14.691	5259331	48.936 ug/ml
15) T Chrysene (C27.41)	14.736	5352658	48.545 ug/ml
16) T benzo[b]fluoranthene ...	16.242	5344727	49.163 ug/ml
17) T Bnezo[k]fluoranthene ...	16.277	5168369	48.735 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.620	4937942	49.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	5171831	50.032 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	5078843	48.754 ug/ml
21) T Benzo[g,h,i]perylene ...	18.243	5213105	49.717 ug/ml

(f)=RT Delta > 1/2 Window

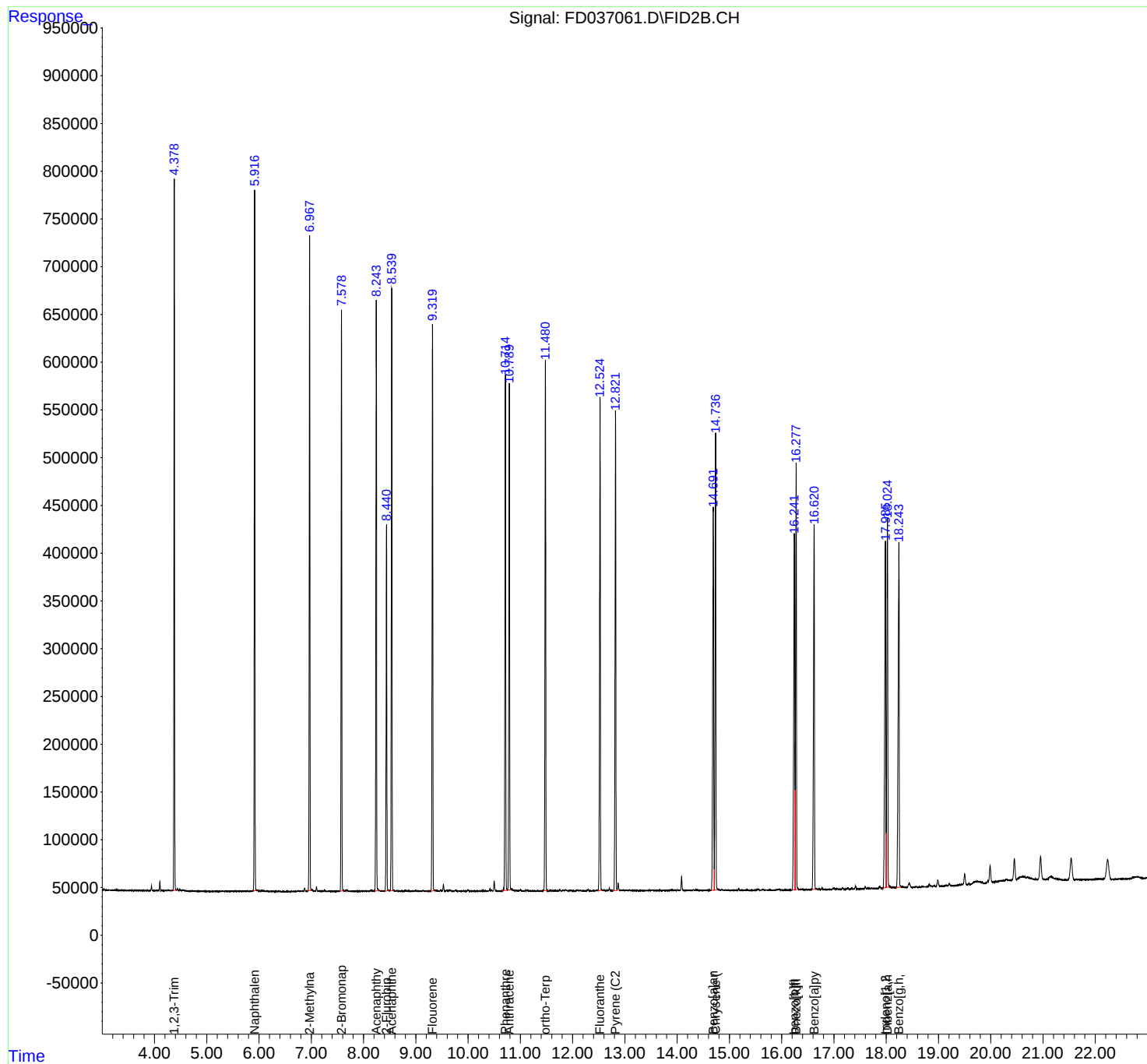
(m)=manual int.

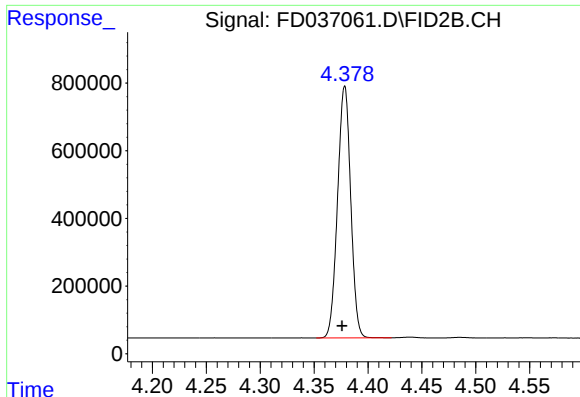
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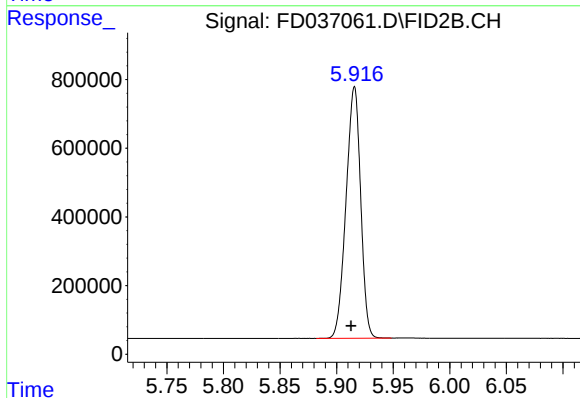




#1 1,2,3-Trimethylbenzene (C10.1)

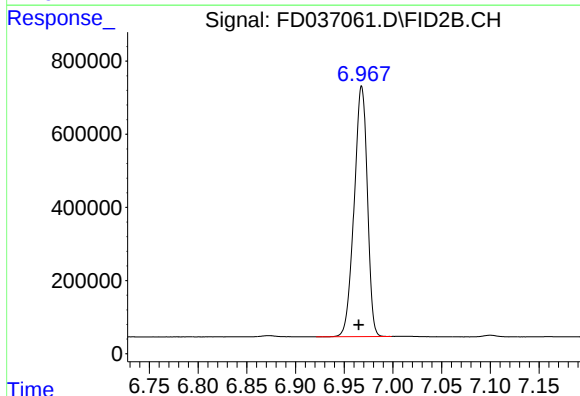
R.T.: 4.379 min
Delta R.T.: 0.003 min
Response: 6322670
Conc: 49.03 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



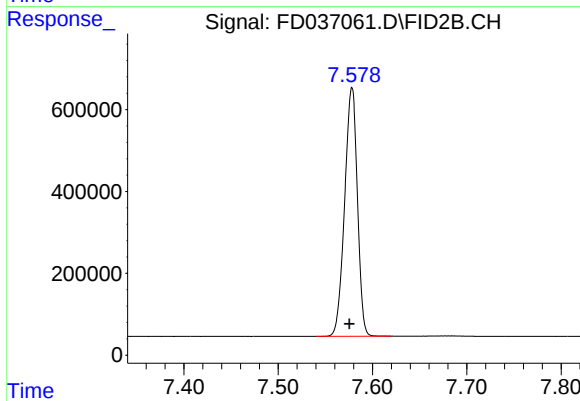
#2 Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.003 min
Response: 6584733
Conc: 49.26 ug/ml



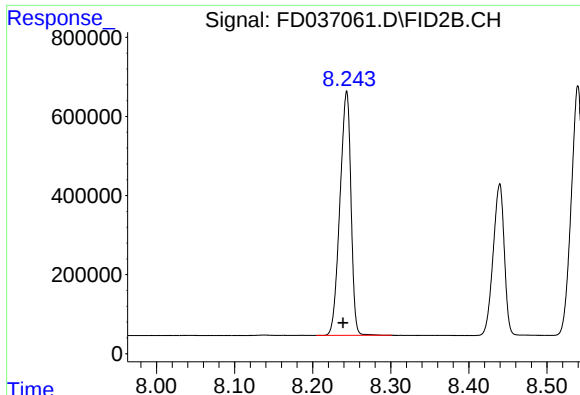
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 6450552
Conc: 49.41 ug/ml



#4 2-Bromonaphthalene (SURR)

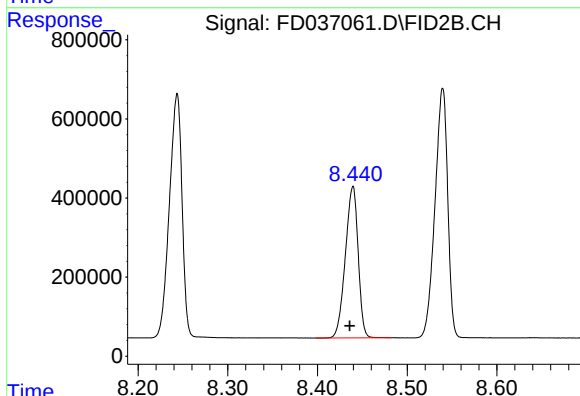
R.T.: 7.578 min
Delta R.T.: 0.003 min
Response: 5710430
Conc: 49.50 ug/ml



#5 Acenaphthylene (C15.06)

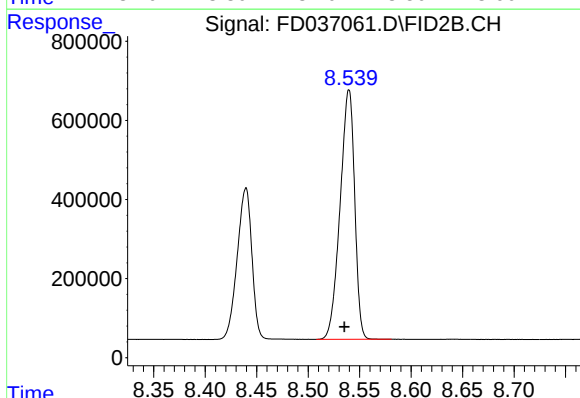
R.T.: 8.244 min
Delta R.T.: 0.005 min
Response: 6050754
Conc: 49.43 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



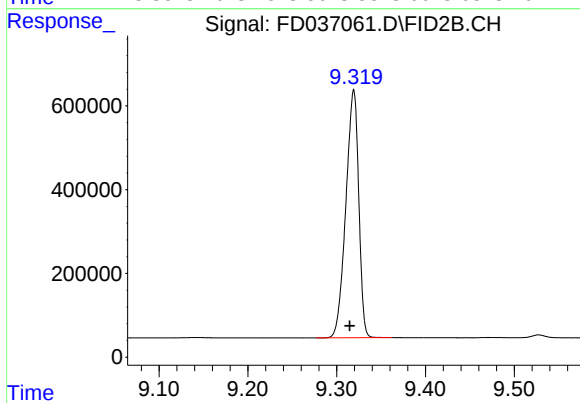
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: 0.004 min
Response: 3790426
Conc: 50.14 ug/ml



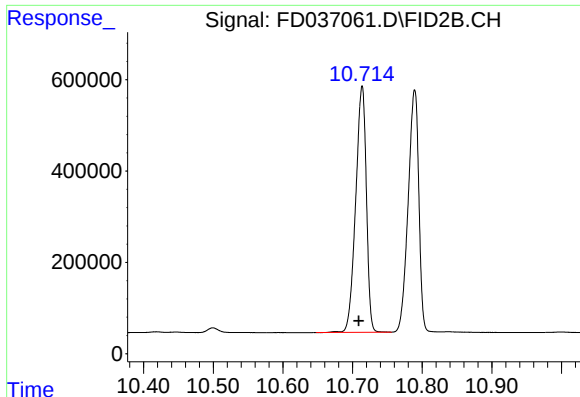
#7 Acenaphthene (C15.5)

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 6217306
Conc: 49.38 ug/ml



#8 Flouorene (C16.55)

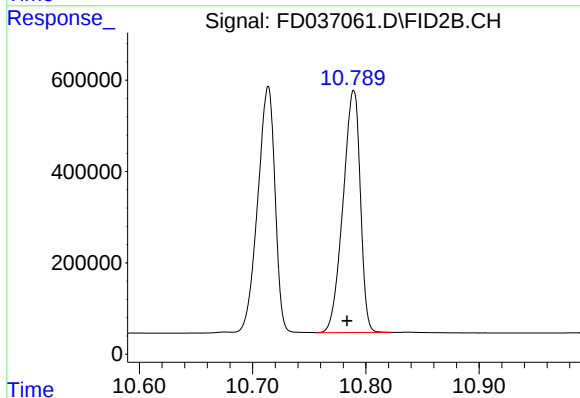
R.T.: 9.319 min
Delta R.T.: 0.004 min
Response: 5954635
Conc: 49.62 ug/ml



#9 Phenanthrene (C19.36)

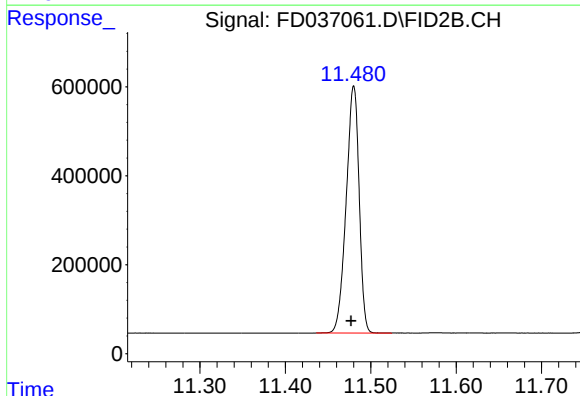
R.T.: 10.714 min
Delta R.T.: 0.005 min
Response: 5748138
Conc: 49.73 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



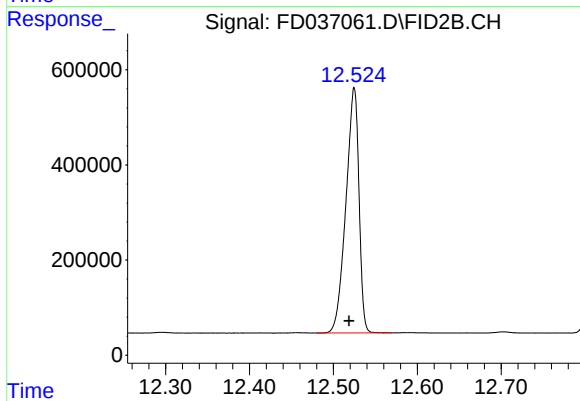
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: 0.006 min
Response: 5633891
Conc: 49.96 ug/ml



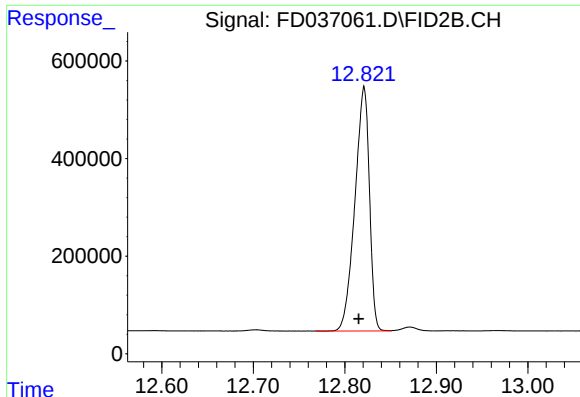
#11 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: 0.003 min
Response: 5856173
Conc: 48.76 ug/ml



#12 Fluoranthene (C21.85)

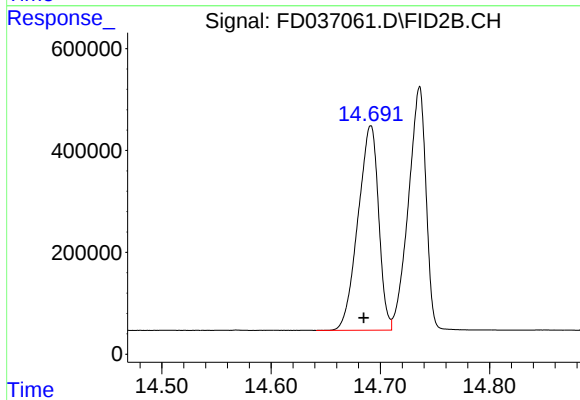
R.T.: 12.525 min
Delta R.T.: 0.006 min
Response: 5576347
Conc: 49.15 ug/ml



#13 Pyrene (C20.8)

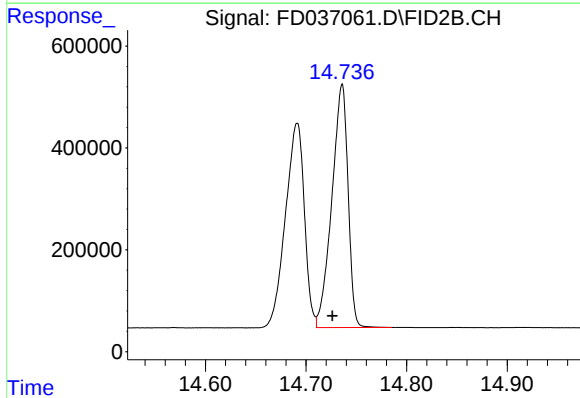
R.T.: 12.821 min
Delta R.T.: 0.006 min
Response: 5508919
Conc: 49.22 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



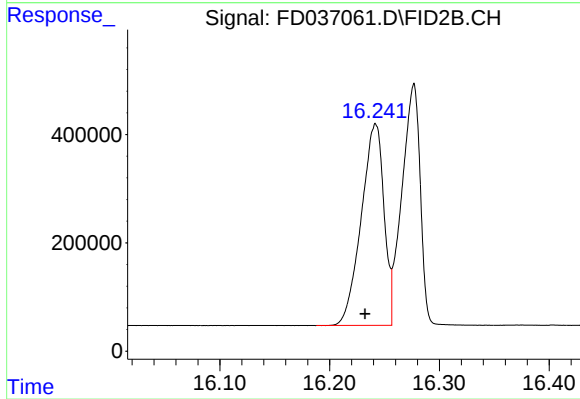
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min
Delta R.T.: 0.006 min
Response: 5259331
Conc: 48.94 ug/ml



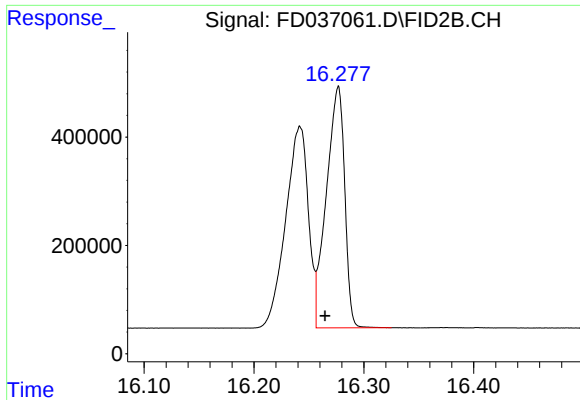
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: 0.009 min
Response: 5352658
Conc: 48.54 ug/ml



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

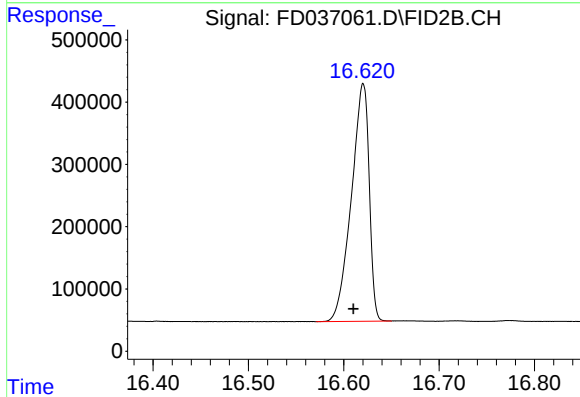
R.T.: 16.242 min
Delta R.T.: 0.010 min
Response: 5344727
Conc: 49.16 ug/ml



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

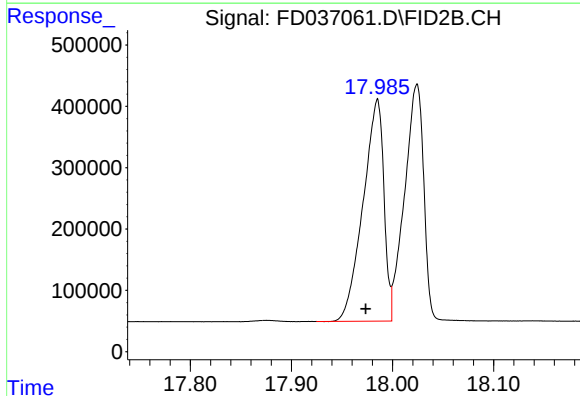
R.T.: 16.277 min
Delta R.T.: 0.012 min
Response: 5168369
Conc: 48.74 ug/ml

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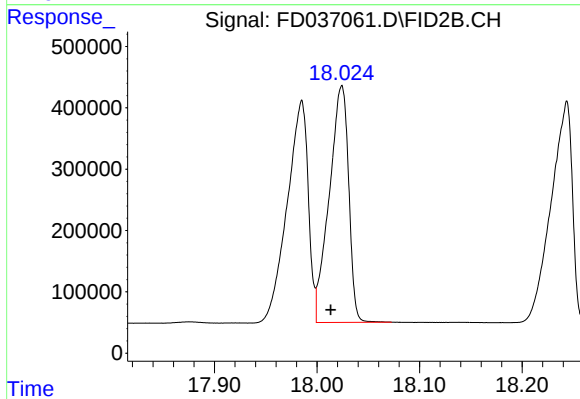
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.620 min
Delta R.T.: 0.010 min
Response: 4937942
Conc: 49.00 ug/ml



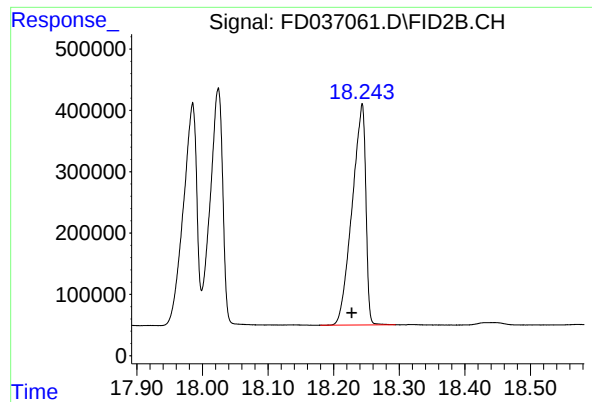
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: 0.012 min
Response: 5171831
Conc: 50.03 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.011 min
Response: 5078843
Conc: 48.75 ug/ml



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

R.T.: 18.243 min
Delta R.T.: 0.016 min
Response: 5213105
Conc: 49.72 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2