

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037424.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 9:40
 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: May 11 04:02:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.564	2210119	18.692 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
6) S 2-Fluorobiphenyl (SURR)	8.425	1380962	17.897 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.79%
11) S ortho-Terphenyl (SURR)	11.466	2239489	18.131 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	2613568	19.655 ug/ml
2) T Naphthalene (C11.7)	5.901	2597444	18.895 ug/ml
3) T 2-Methylnaphthalene (...)	6.953	2484434	18.527 ug/ml
5) T Acenaphthylene (C15.06)	8.228	2280319	18.231 ug/ml
7) T Acenaphthene (C15.5)	8.524	2360537	18.267 ug/ml
8) T Fluorene (C16.55)	9.304	2162037	17.651 ug/ml
9) T Phenanthrene (C19.36)	10.699	2091455	17.742 ug/ml
10) T Anthracene (C19.43)	10.773	1754045	15.228 ug/ml
12) T Fluoranthene (C21.85)	12.510	2085327	17.880 ug/ml
13) T Pyrene (C20.8)	12.807	2087118	18.129 ug/ml
14) T Benzo[a]anthracene (C...	14.677	1904251	17.302 ug/ml
15) T Chrysene (C27.41)	14.719	2019489	17.840 ug/ml
16) T benzo[b]fluoranthene ...	16.227	2089968	18.633 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2000869	18.577 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.604	1878107	18.146 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.969	1894992	17.814 ug/ml
20) T Dibenz[a,h]anthracene...	18.007	1757750	16.823 ug/ml
21) T Benzo[g,h,i]perylene ...	18.224	2022094	18.931 ug/ml

(f)=RT Delta > 1/2 Window

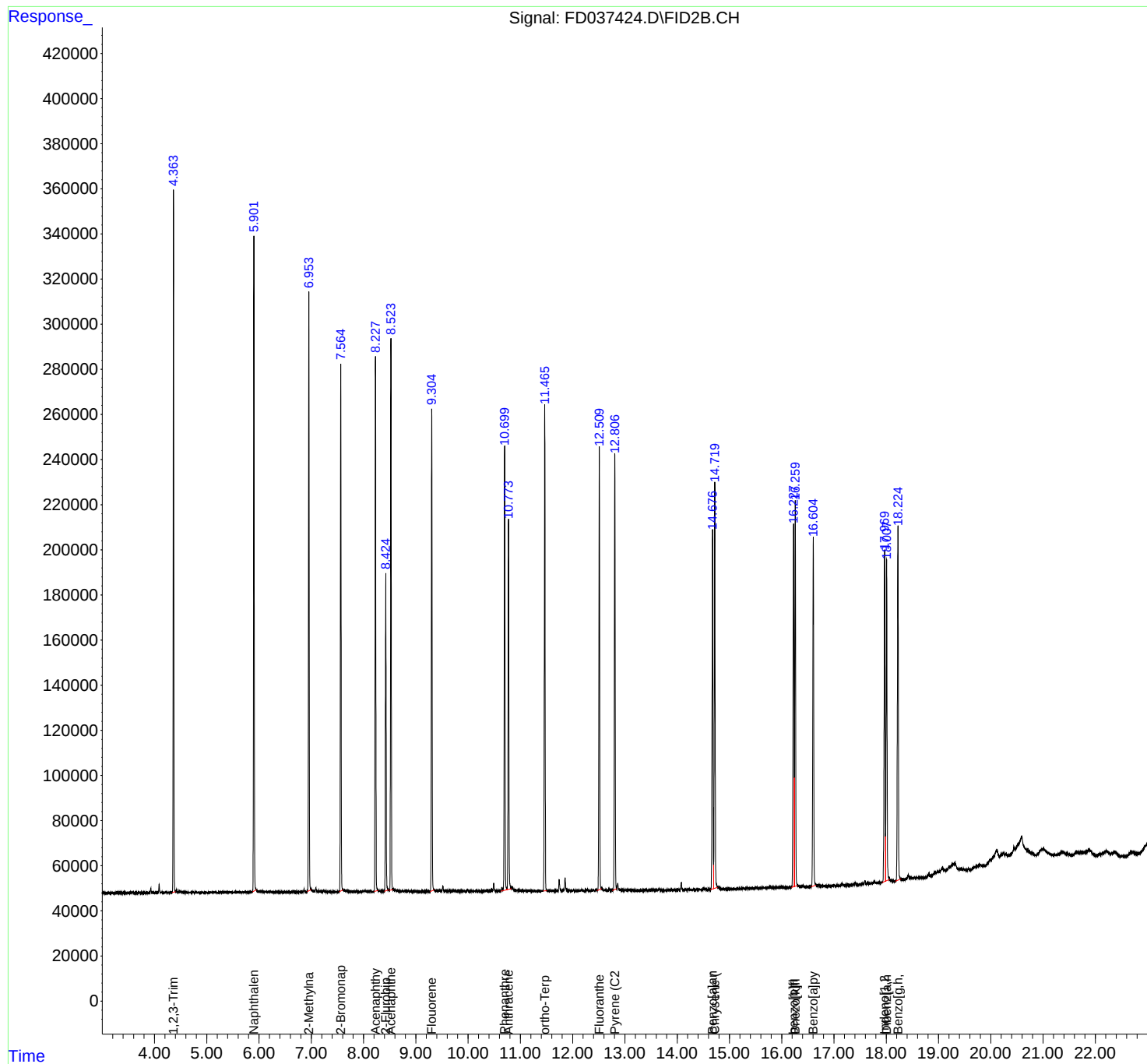
(m)=manual int.

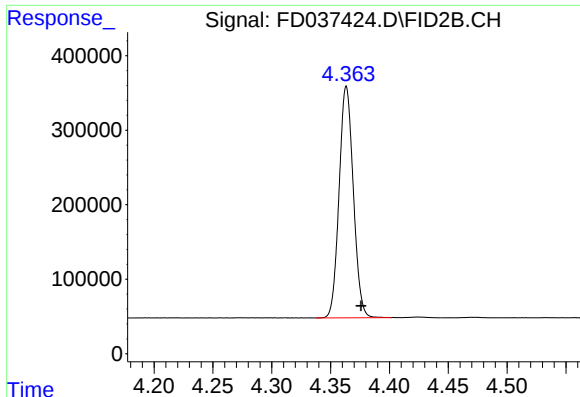
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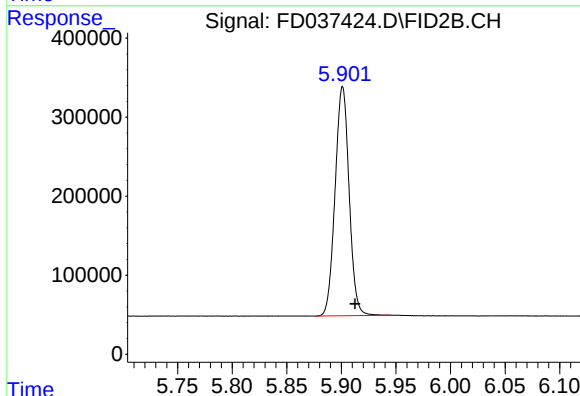




#1 1,2,3-Trimethylbenzene (C10.1)

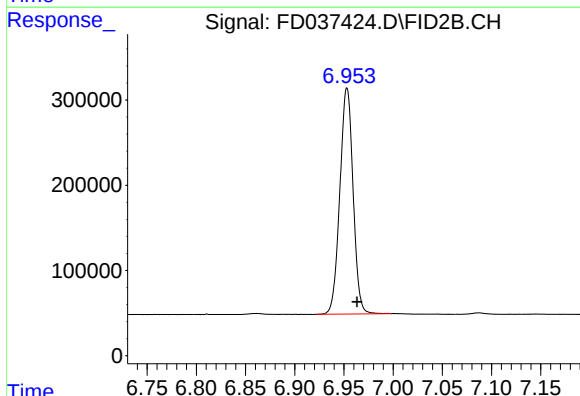
R.T.: 4.363 min
Delta R.T.: -0.013 min
Response: 2613568
Conc: 19.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



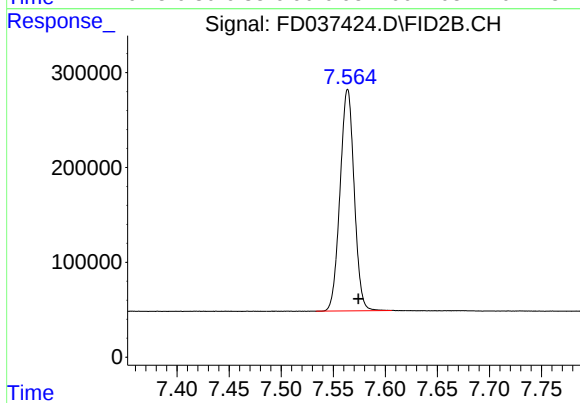
#2 Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 2597444
Conc: 18.90 ug/ml



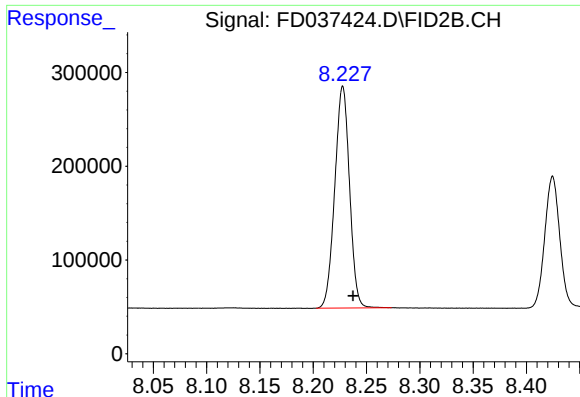
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.953 min
Delta R.T.: -0.010 min
Response: 2484434
Conc: 18.53 ug/ml



#4 2-Bromonaphthalene (SURR)

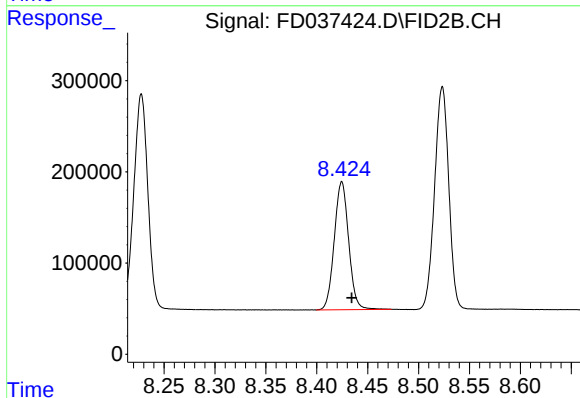
R.T.: 7.564 min
Delta R.T.: -0.010 min
Response: 2210119
Conc: 18.69 ug/ml



#5 Acenaphthylene (C15.06)

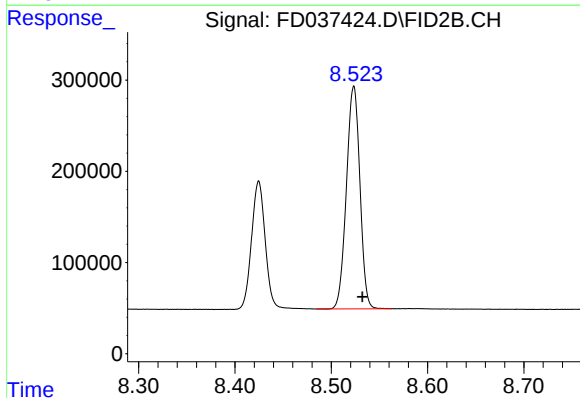
R.T.: 8.228 min
Delta R.T.: -0.010 min
Response: 2280319
Conc: 18.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



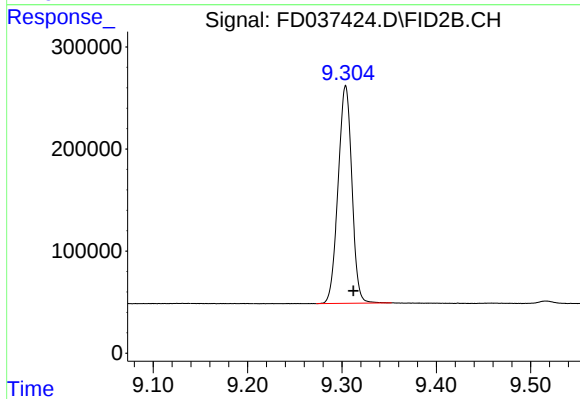
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: -0.010 min
Response: 1380962
Conc: 17.90 ug/ml



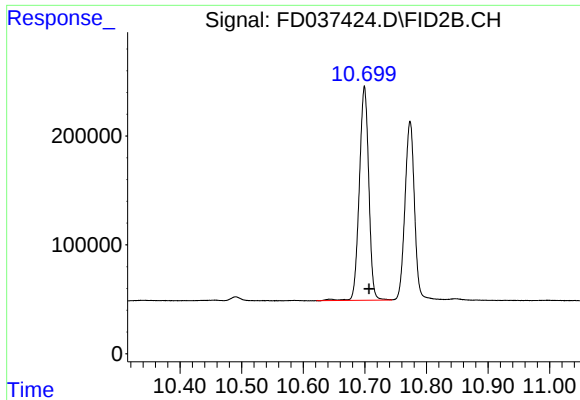
#7 Acenaphthene (C15.5)

R.T.: 8.524 min
Delta R.T.: -0.009 min
Response: 2360537
Conc: 18.27 ug/ml



#8 Fluorene (C16.55)

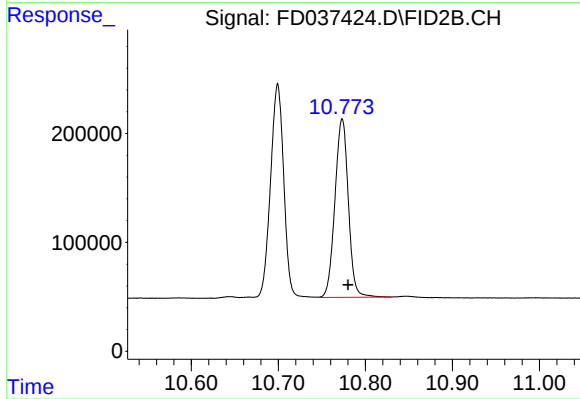
R.T.: 9.304 min
Delta R.T.: -0.008 min
Response: 2162037
Conc: 17.65 ug/ml



#9 Phenanthrene (C19.36)

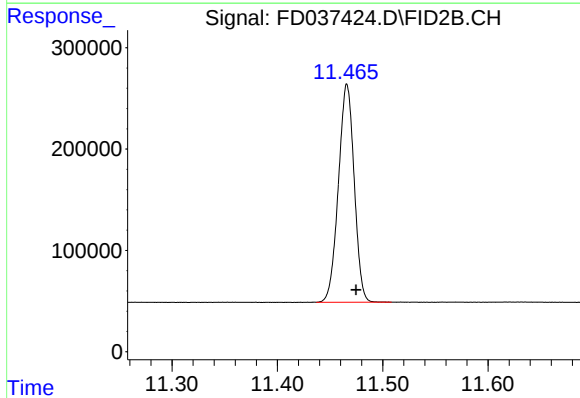
R.T.: 10.699 min
Delta R.T.: -0.007 min
Response: 2091455
Conc: 17.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



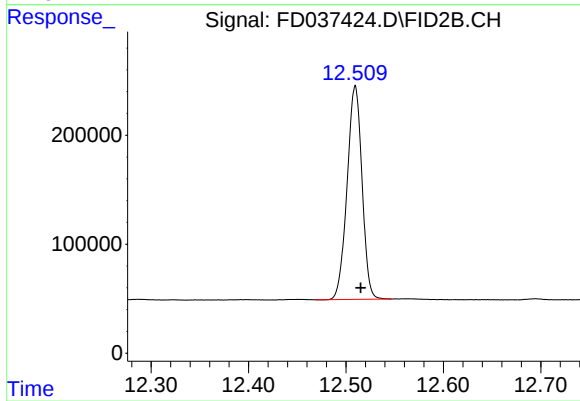
#10 Anthracene (C19.43)

R.T.: 10.773 min
Delta R.T.: -0.006 min
Response: 1754045
Conc: 15.23 ug/ml



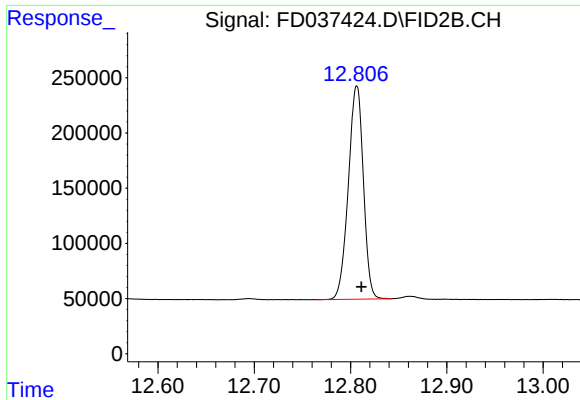
#11 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: -0.009 min
Response: 2239489
Conc: 18.13 ug/ml



#12 Fluoranthene (C21.85)

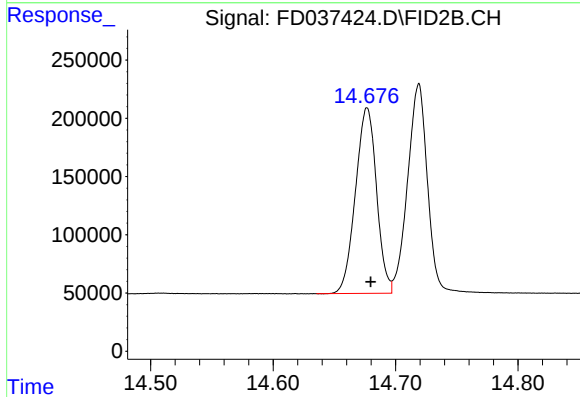
R.T.: 12.510 min
Delta R.T.: -0.006 min
Response: 2085327
Conc: 17.88 ug/ml



#13 Pyrene (C20.8)

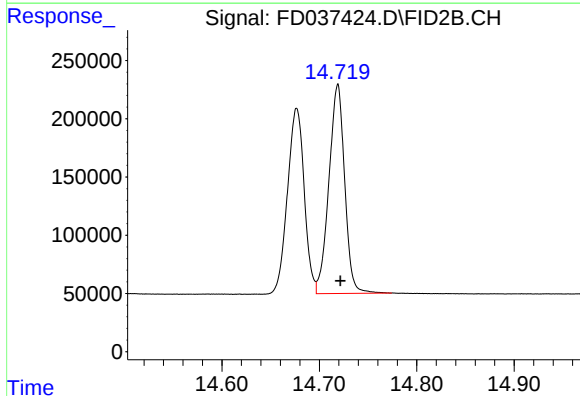
R.T.: 12.807 min
Delta R.T.: -0.005 min
Response: 2087118
Conc: 18.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



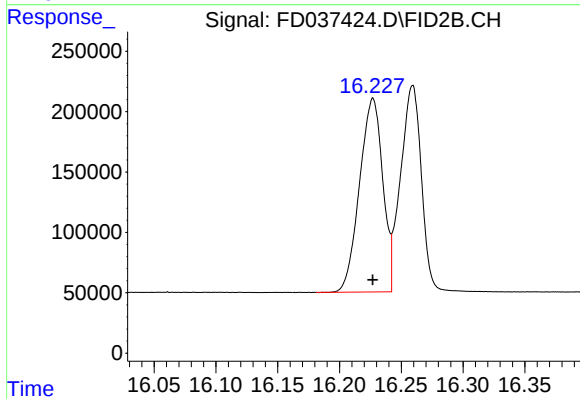
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.677 min
Delta R.T.: -0.003 min
Response: 1904251
Conc: 17.30 ug/ml



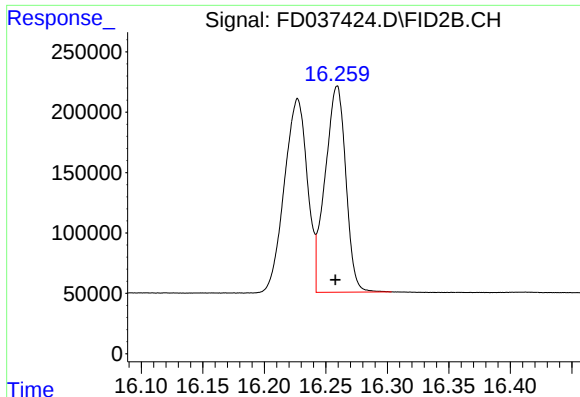
#15 Chrysene (C27.41)

R.T.: 14.719 min
Delta R.T.: -0.002 min
Response: 2019489
Conc: 17.84 ug/ml



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

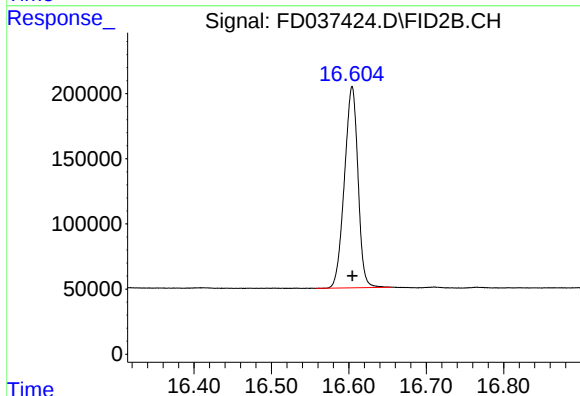
R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 2089968
Conc: 18.63 ug/ml



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

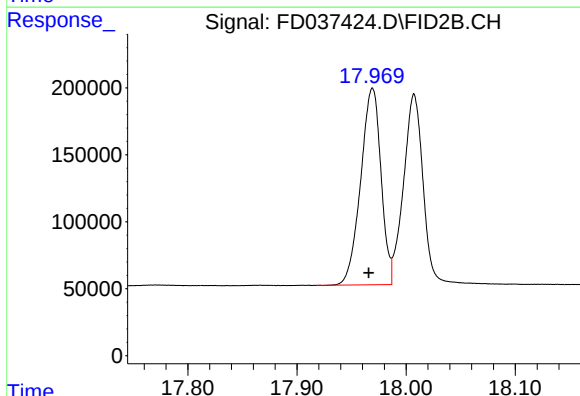
R.T.: 16.259 min
Delta R.T.: 0.001 min
Response: 2000869
Conc: 18.58 ug/ml

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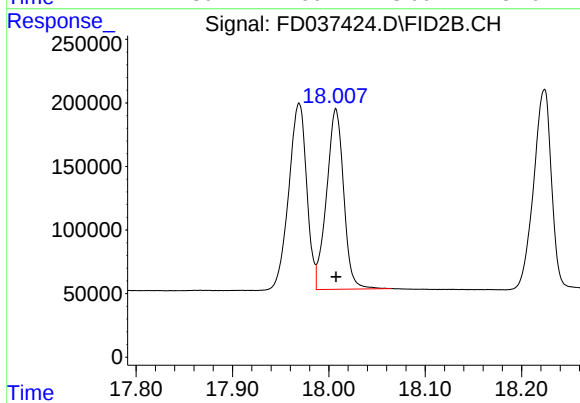
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.604 min
Delta R.T.: 0.000 min
Response: 1878107
Conc: 18.15 ug/ml



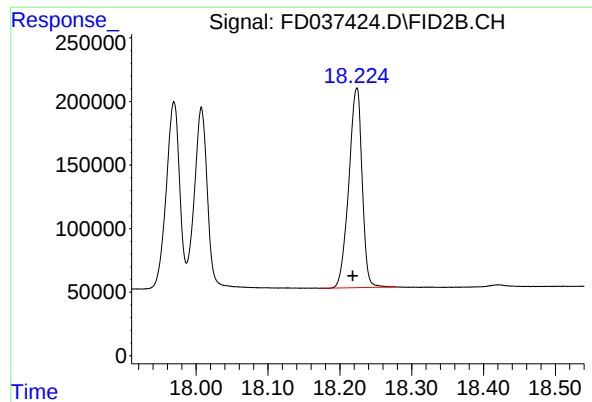
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.969 min
Delta R.T.: 0.004 min
Response: 1894992
Conc: 17.81 ug/ml



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

R.T.: 18.007 min
Delta R.T.: 0.000 min
Response: 1757750
Conc: 16.82 ug/ml



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

R.T.: 18.224 min
Delta R.T.: 0.006 min
Response: 2022094
Conc: 18.93 ug/ml

Instrument :
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