

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036958.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 11:44
 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: Apr 16 12:15:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.583	2500820	17.781 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
6) S 2-Fluorobiphenyl (SURR)	8.444	1605091	17.099 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.20%
11) S ortho-Terphenyl (SURR)	11.485	2543479	16.653 ug/ml
Spiked Amount 50.000		Recovery =	33.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	2747831	18.746 ug/ml
2) T Naphthalene (C11.7)	5.920	2857902	18.184 ug/ml
3) T 2-Methylnaphthalene (...)	6.972	2801972	17.828 ug/ml
5) T Acenaphthylene (C15.06)	8.247	2596019	17.325 ug/ml
7) T Acenaphthene (C15.5)	8.543	2693724	17.353 ug/ml
8) T Fluorene (C16.55)	9.323	2546592	16.914 ug/ml
9) T Phenanthrene (C19.36)	10.717	2375154	16.205 ug/ml
10) T Anthracene (C19.43)	10.792	2302991	15.908 ug/ml
12) T Fluoranthene (C21.85)	12.528	2217867	15.797 ug/ml
13) T Pyrene (C20.8)	12.824	2169467	15.812 ug/ml
14) T Benzo[a]anthracene (C...	14.694	2050155	17.263 ug/ml
15) T Chrysene (C27.41)	14.735	2124987	17.572 ug/ml
16) T benzo[b]fluoranthene ...	16.243	2143293	19.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2078583	19.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	1995916	20.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	2108090	20.972 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	2134589	21.169 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2147900	21.199 ug/ml

(f)=RT Delta > 1/2 Window

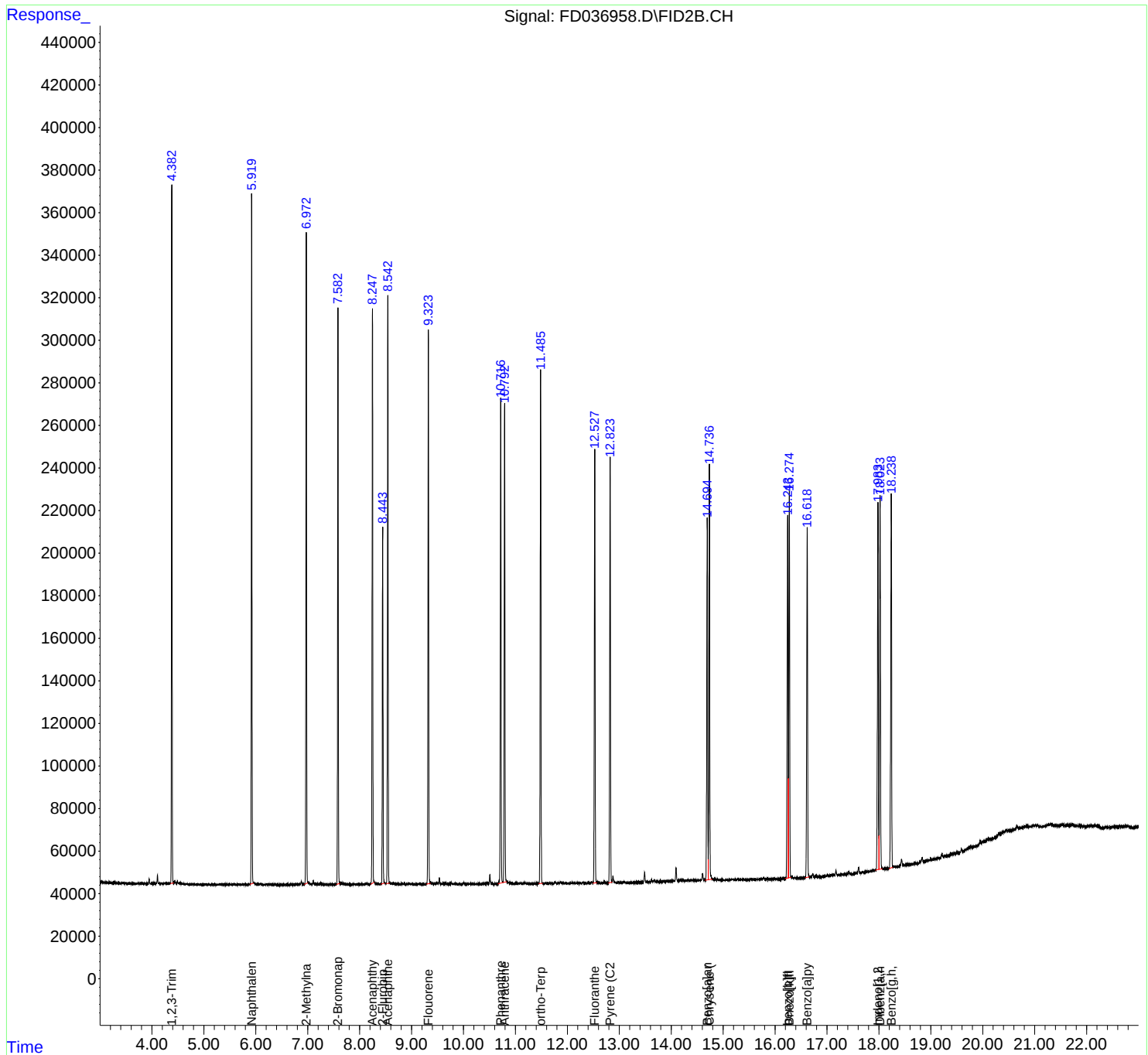
(m)=manual int.

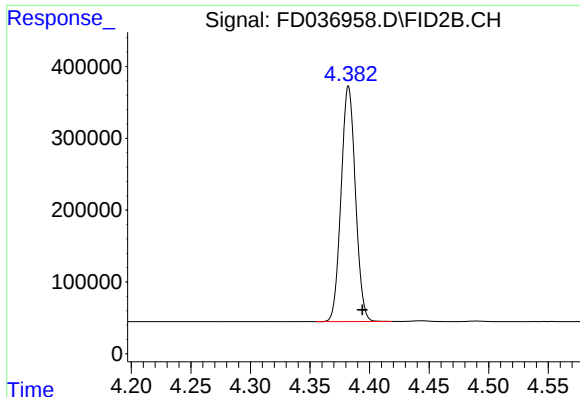
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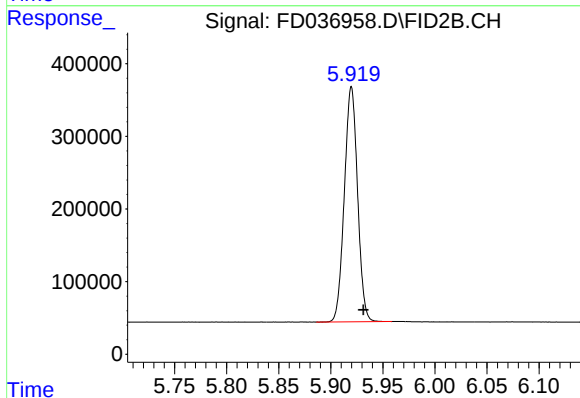




#1 1,2,3-Trimethylbenzene (C10.1)

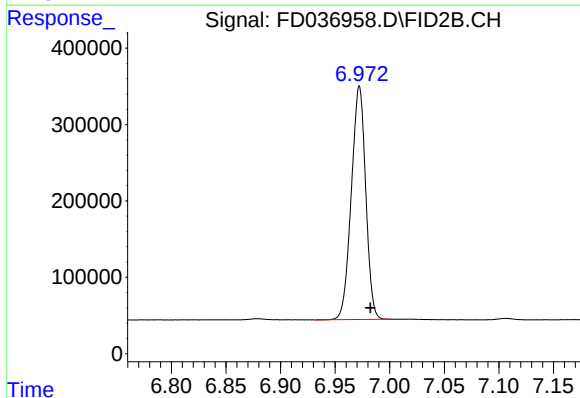
R.T.: 4.382 min
Delta R.T.: -0.012 min
Response: 2747831
Conc: 18.75 ug/ml

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20 PPM AROMATIC HC STD



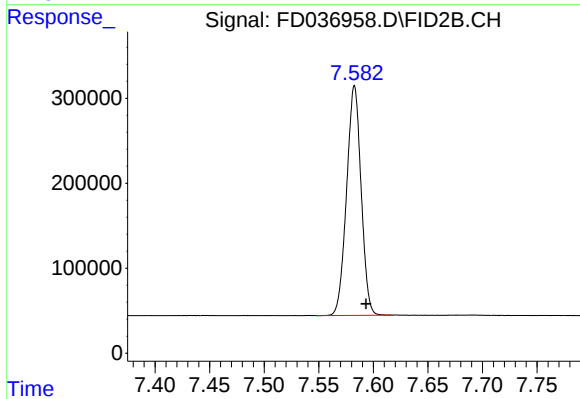
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.011 min
Response: 2857902
Conc: 18.18 ug/ml



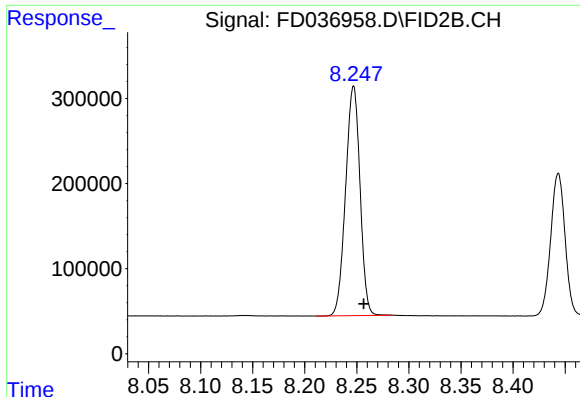
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: -0.010 min
Response: 2801972
Conc: 17.83 ug/ml



#4 2-Bromonaphthalene (SURR)

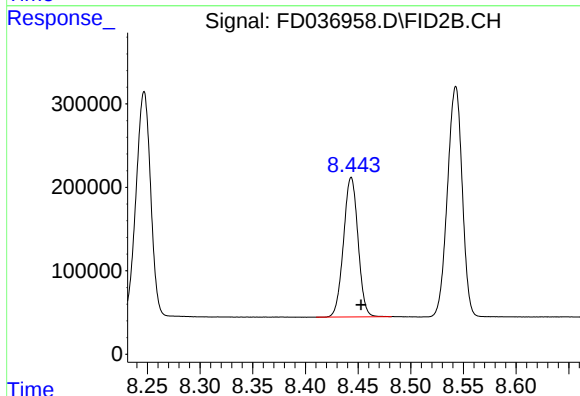
R.T.: 7.583 min
Delta R.T.: -0.010 min
Response: 2500820
Conc: 17.78 ug/ml



#5 Acenaphthylene (C15.06)

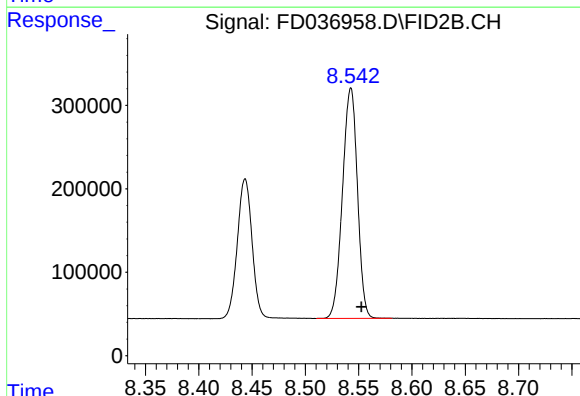
R.T.: 8.247 min
Delta R.T.: -0.010 min
Response: 2596019
Conc: 17.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



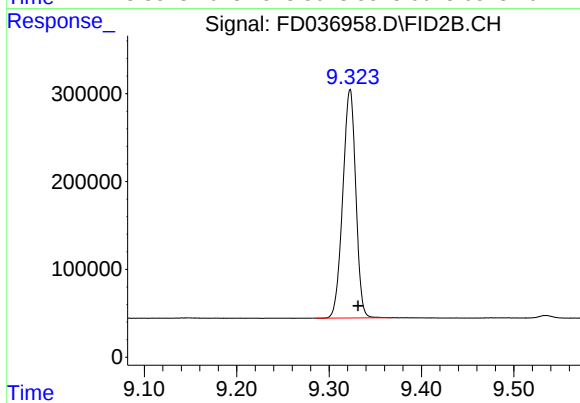
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1605091
Conc: 17.10 ug/ml



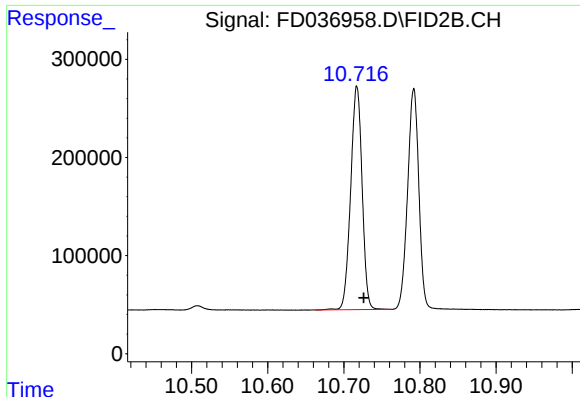
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.010 min
Response: 2693724
Conc: 17.35 ug/ml



#8 Flouorene (C16.55)

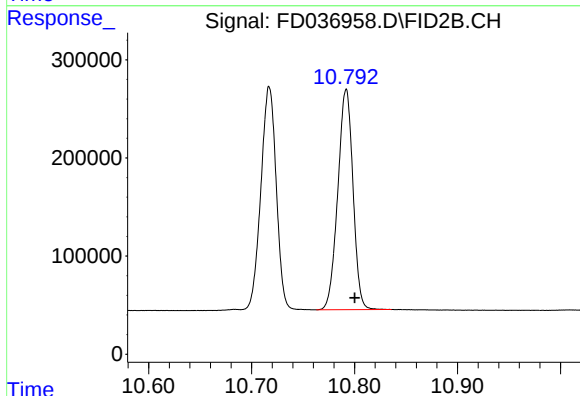
R.T.: 9.323 min
Delta R.T.: -0.008 min
Response: 2546592
Conc: 16.91 ug/ml



#9 Phenanthrene (C19.36)

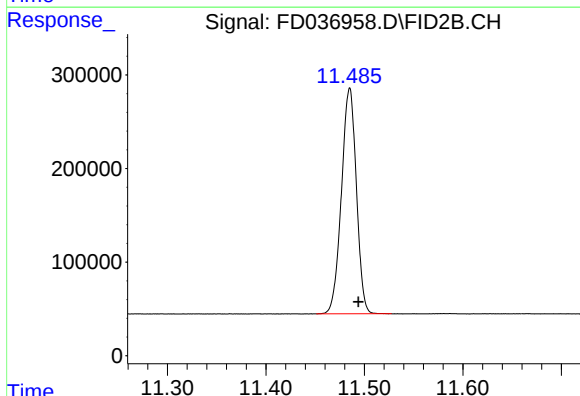
R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 2375154
Conc: 16.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



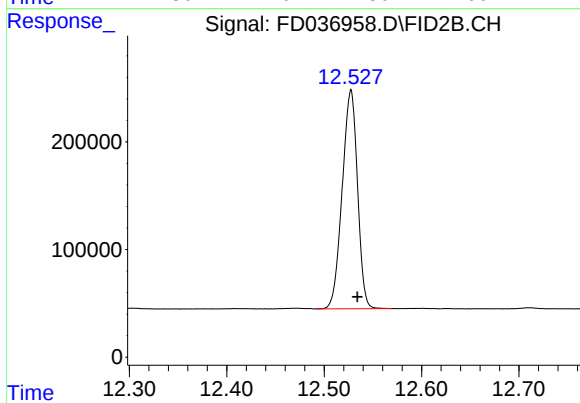
#10 Anthracene (C19.43)

R.T.: 10.792 min
Delta R.T.: -0.008 min
Response: 2302991
Conc: 15.91 ug/ml



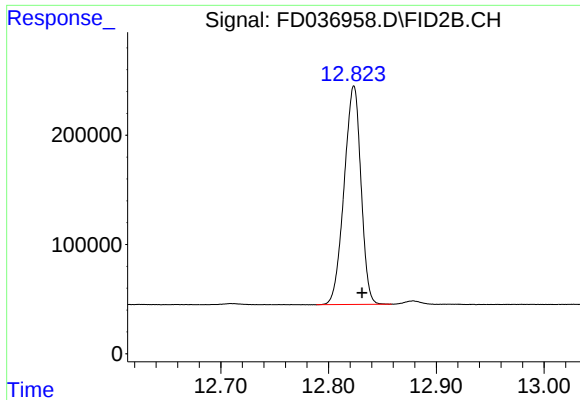
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.009 min
Response: 2543479
Conc: 16.65 ug/ml



#12 Fluoranthene (C21.85)

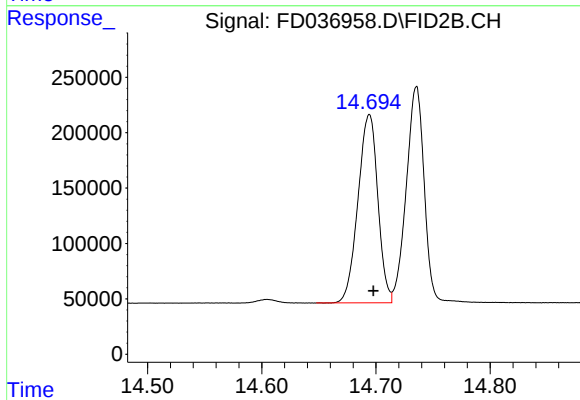
R.T.: 12.528 min
Delta R.T.: -0.007 min
Response: 2217867
Conc: 15.80 ug/ml



#13 Pyrene (C20.8)

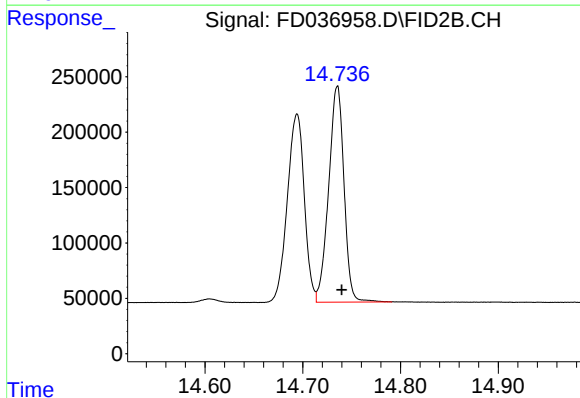
R.T.: 12.824 min
Delta R.T.: -0.008 min
Response: 2169467
Conc: 15.81 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



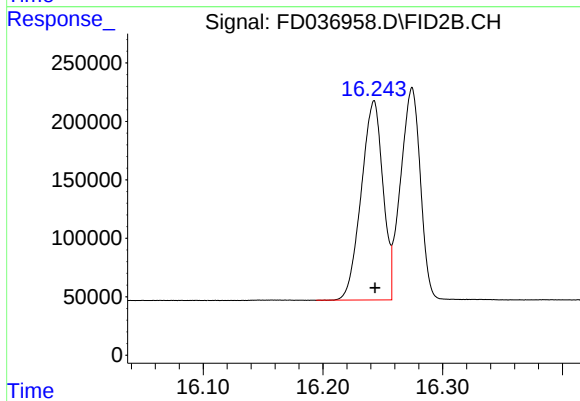
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.694 min
Delta R.T.: -0.003 min
Response: 2050155
Conc: 17.26 ug/ml



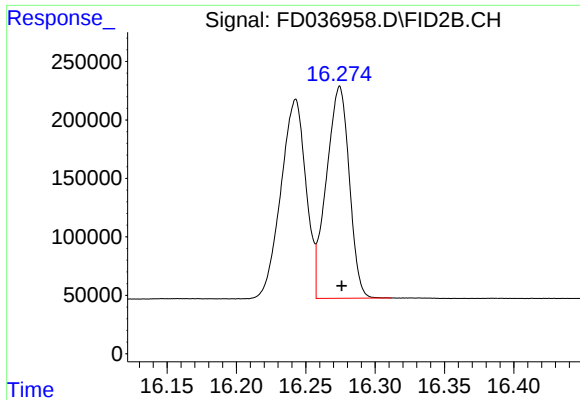
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 2124987
Conc: 17.57 ug/ml



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

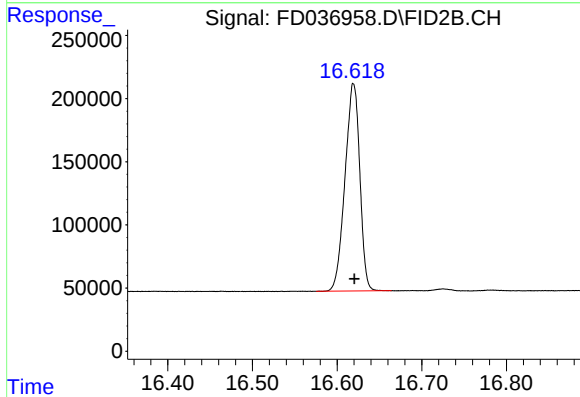
R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 2143293
Conc: 19.53 ug/ml



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

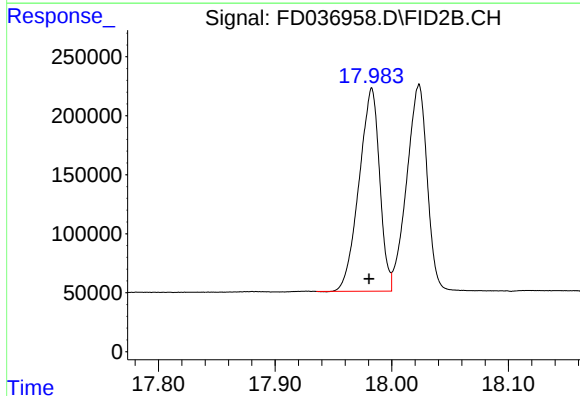
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 2078583
Conc: 19.55 ug/ml

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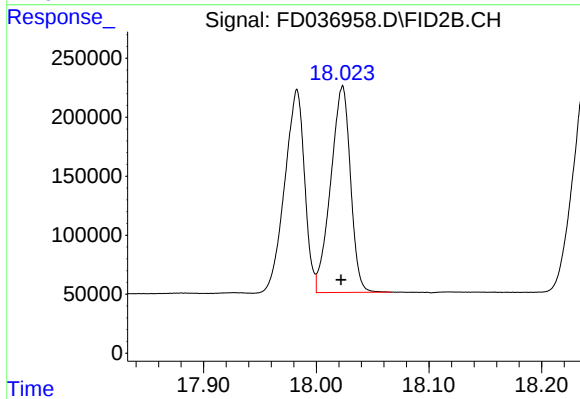
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: -0.001 min
Response: 1995916
Conc: 20.03 ug/ml



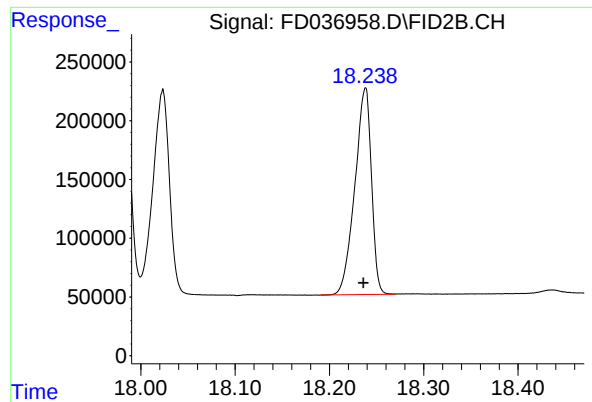
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: 0.002 min
Response: 2108090
Conc: 20.97 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.001 min
Response: 2134589
Conc: 21.17 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.002 min
Response: 2147900
Conc: 21.20 ug/ml

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