

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AR\
 Data File : FD035255.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 4:00
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 03 05:13:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 05:09:03 2020
 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...	7.643	5955930	49.733 ug/ml
Spiked Amount 50.000		Recovery =	99.47%
6) S 2-Fluorobiphenyl (SURR)	8.507	4204306	50.169 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.34%
11) S ortho-Terphenyl (SURR)	11.547	6902967	48.467 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	6453185	48.505 ug/ml
2) T Naphthalene (C11.7)	5.980	6942539	49.757 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	6980833	49.450 ug/ml
5) T Acenaphthylene (C15.06)	8.310	6795303	49.084 ug/ml
7) T Acenaphthene (C15.5)	8.606	7004335	49.073 ug/ml
8) T Fluorene (C16.55)	9.387	6829852	49.603 ug/ml
9) T Phenanthrene (C19.36)	10.784	6816283	49.545 ug/ml
10) T Anthracene (C19.43)	10.860	6806370	48.349 ug/ml
12) T Fluoranthene (C21.85)	12.598	6773451	48.697 ug/ml
13) T Pyrene (C20.8)	12.895	6669628	49.519 ug/ml
14) T Benzo[a]anthracene (C...	14.768	6142954	49.400 ug/ml
15) T Chrysene (C27.41)	14.811	6405588	46.800 ug/ml
16) T benzo[b]fluoranthene ...	16.320	5978483	48.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.354	5846812	46.566 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.698	5381264	47.374 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.067	5314337	50.723 ug/ml
20) T Dibenz[a,h]anthracene...	18.102	5440485	45.693 ug/ml
21) T Benzo[g,h,i]perylene ...	18.321	5295954	47.768 ug/ml

(f)=RT Delta > 1/2 Window

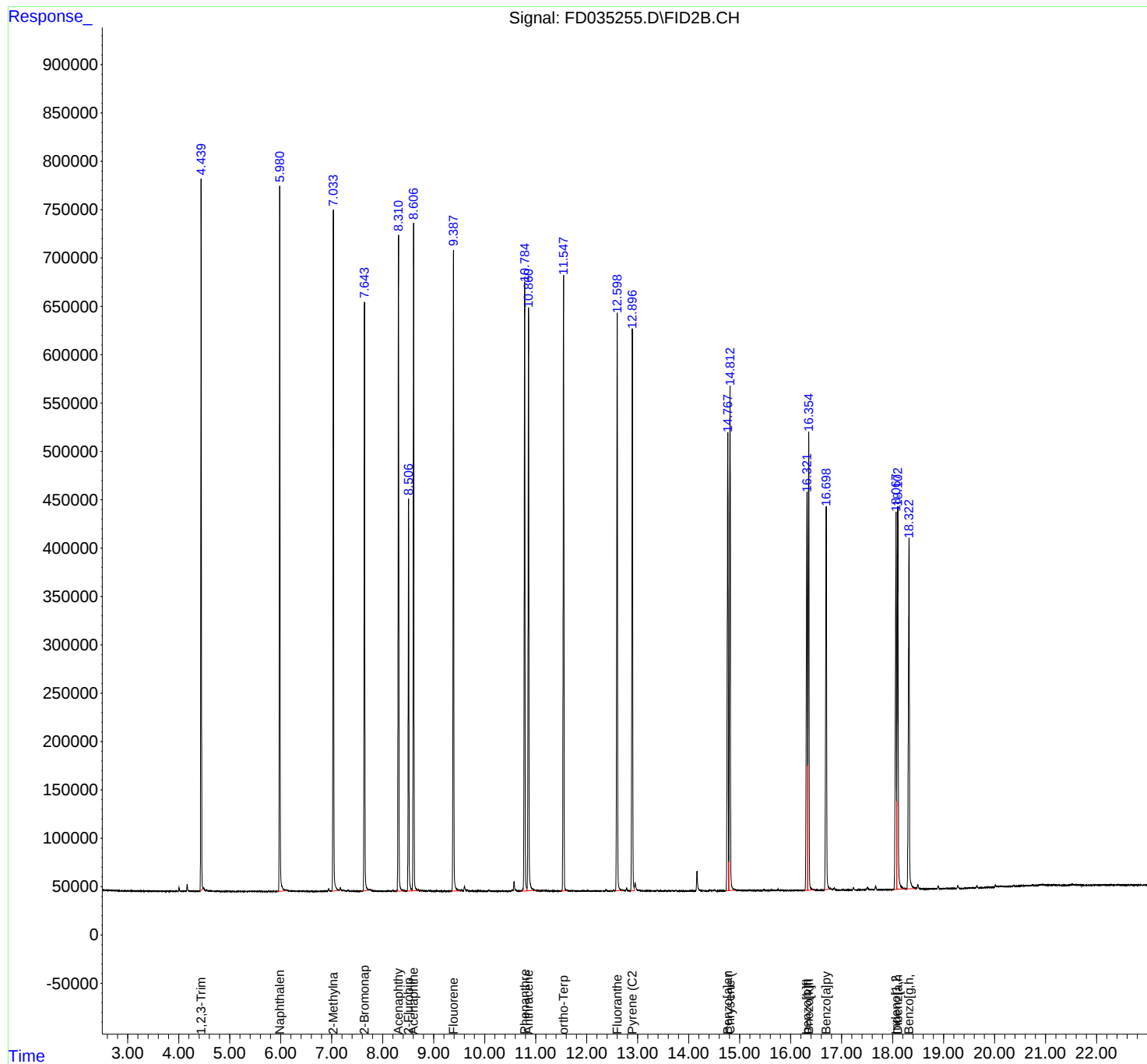
(m)=manual int.

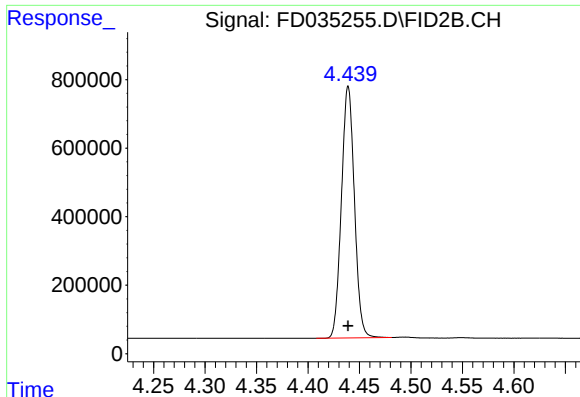
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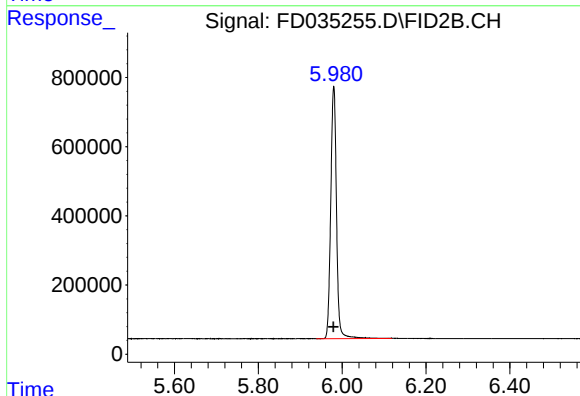




#1 1,2,3-Trimethylbenzene (C10.1)

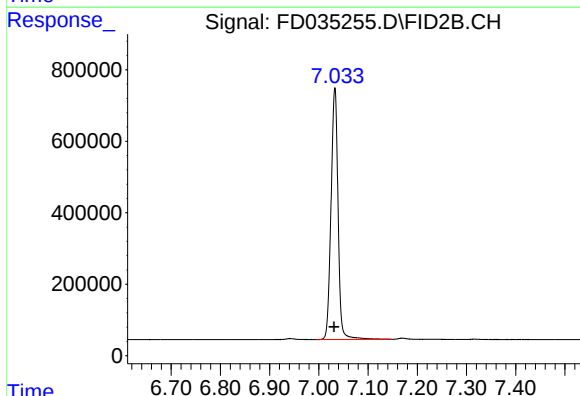
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 6453185
Conc: 48.51 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



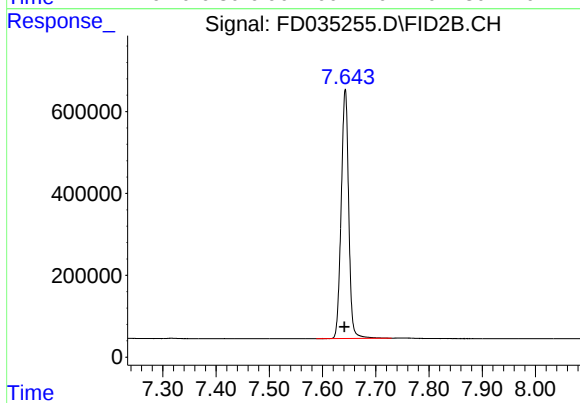
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 6942539
Conc: 49.76 ug/ml



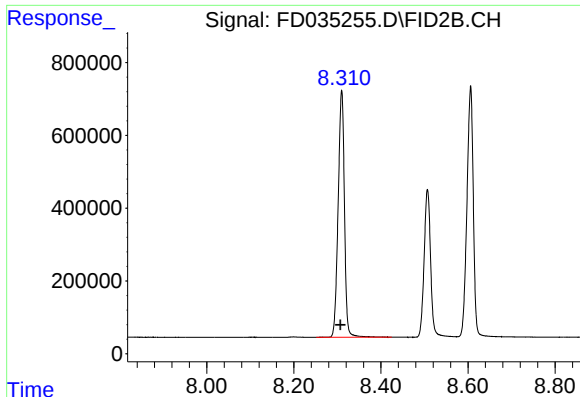
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 6980833
Conc: 49.45 ug/ml



#4 2-Bromonaphthalene (SURR)

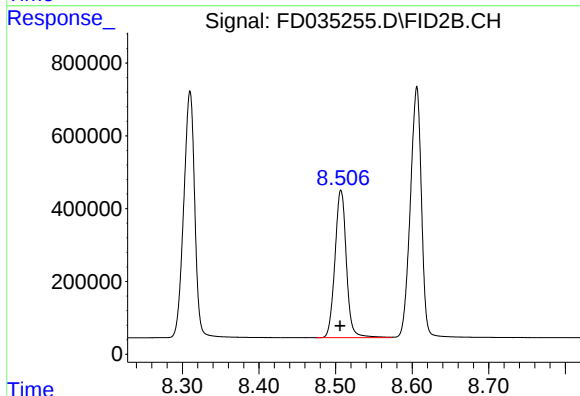
R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 5955930
Conc: 49.73 ug/ml



#5 Acenaphthylene (C15.06)

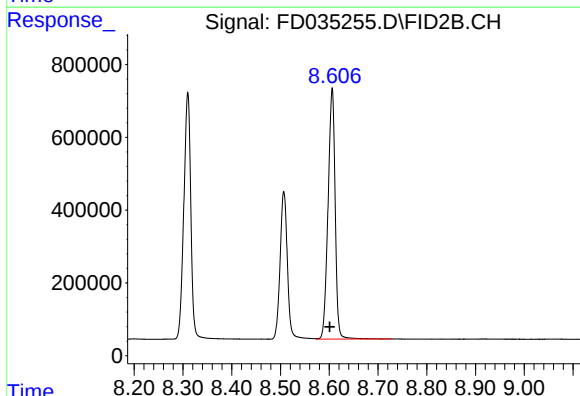
R.T.: 8.310 min
Delta R.T.: 0.003 min
Response: 6795303
Conc: 49.08 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



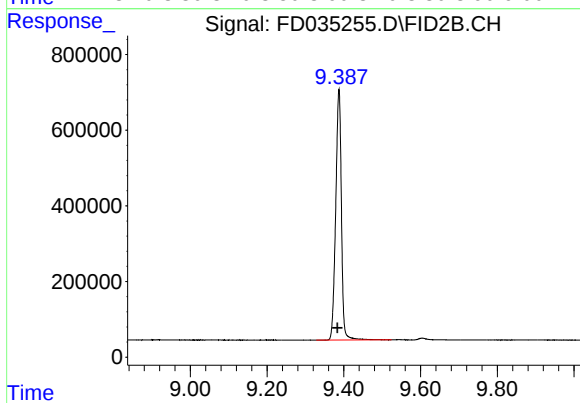
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.507 min
Delta R.T.: 0.001 min
Response: 4204306
Conc: 50.17 ug/ml



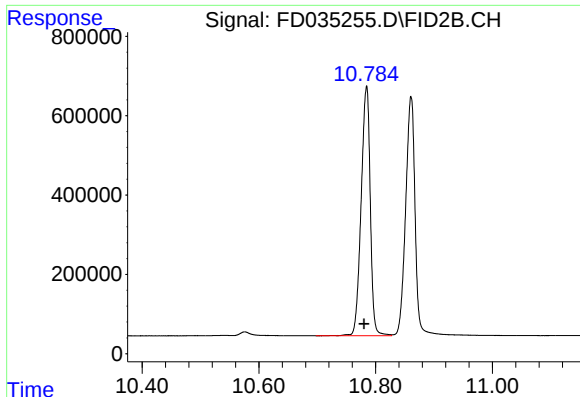
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: 0.004 min
Response: 7004335
Conc: 49.07 ug/ml



#8 Flouorene (C16.55)

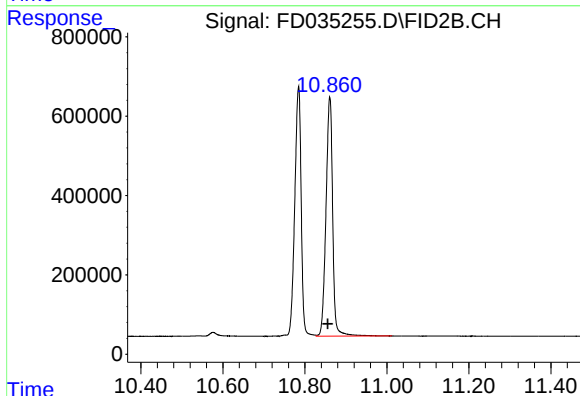
R.T.: 9.387 min
Delta R.T.: 0.003 min
Response: 6829852
Conc: 49.60 ug/ml



#9 Phenanthrene (C19.36)

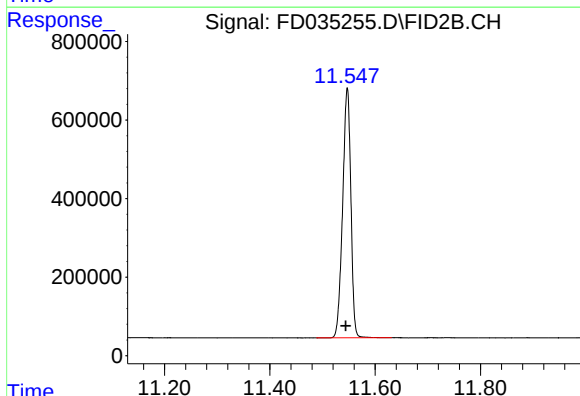
R.T.: 10.784 min
Delta R.T.: 0.004 min
Response: 6816283
Conc: 49.55 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



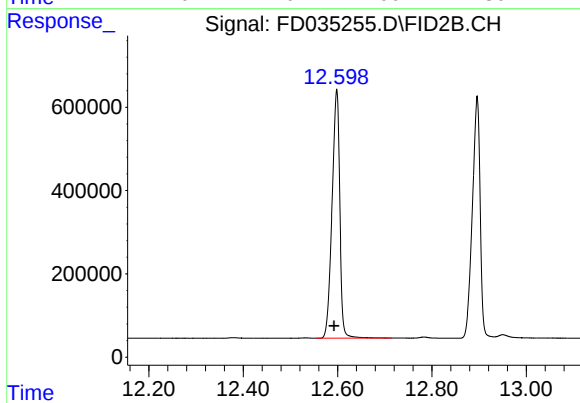
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.005 min
Response: 6806370
Conc: 48.35 ug/ml



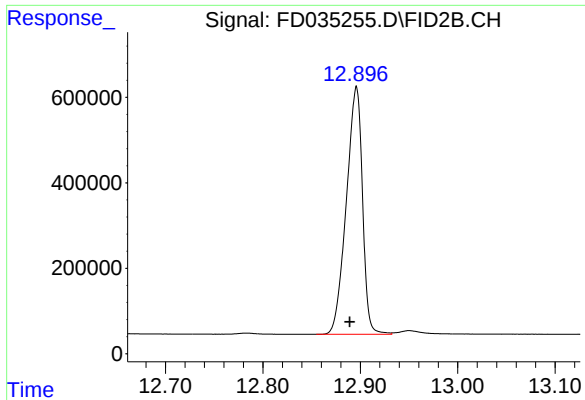
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.003 min
Response: 6902967
Conc: 48.47 ug/ml



#12 Fluoranthene (C21.85)

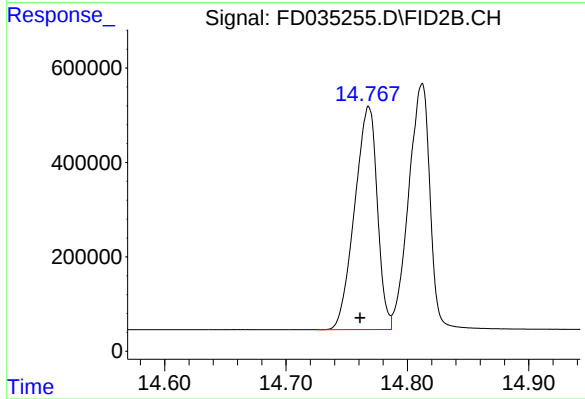
R.T.: 12.598 min
Delta R.T.: 0.005 min
Response: 6773451
Conc: 48.70 ug/ml



#13 Pyrene (C20.8)

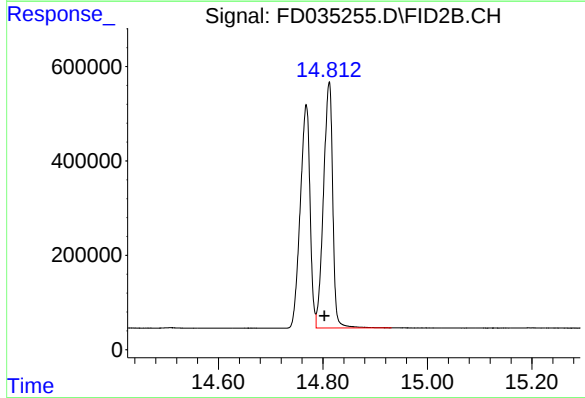
R.T.: 12.895 min
Delta R.T.: 0.006 min
Response: 6669628
Conc: 49.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



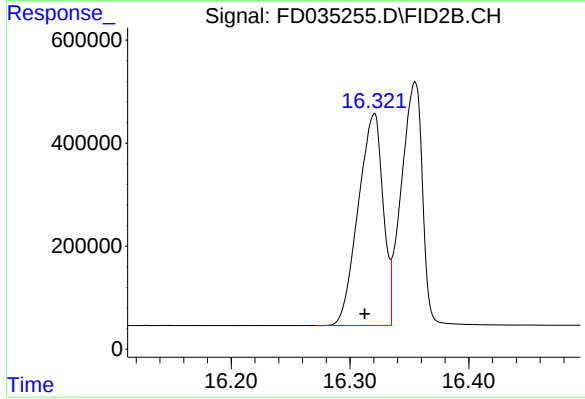
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: 0.007 min
Response: 6142954
Conc: 49.40 ug/ml



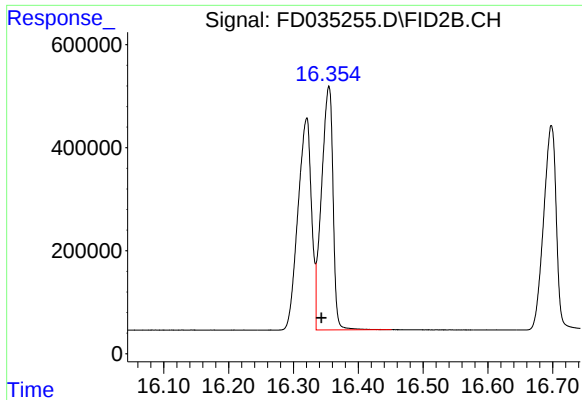
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.008 min
Response: 6405588
Conc: 46.80 ug/ml



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

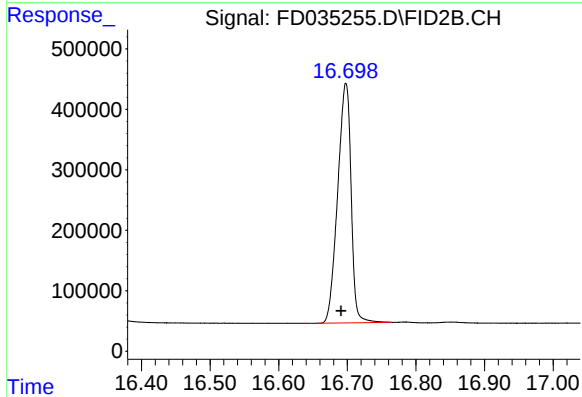
R.T.: 16.320 min
Delta R.T.: 0.007 min
Response: 5978483
Conc: 48.78 ug/ml



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

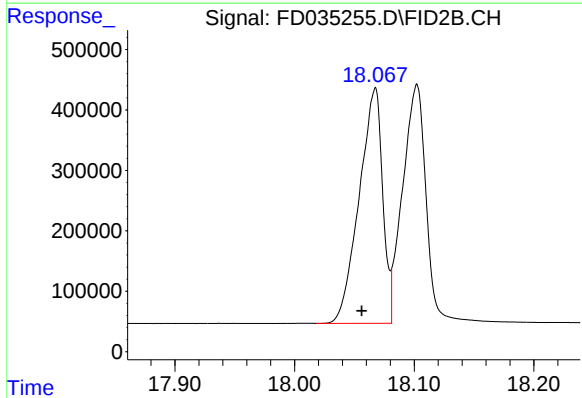
R.T.: 16.354 min
Delta R.T.: 0.011 min
Response: 5846812
Conc: 46.57 ug/ml

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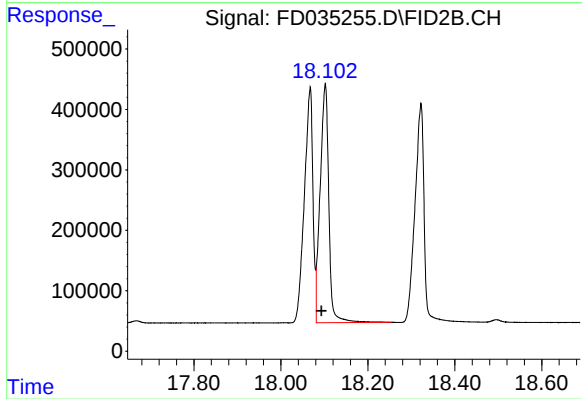
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min
Delta R.T.: 0.006 min
Response: 5381264
Conc: 47.37 ug/ml



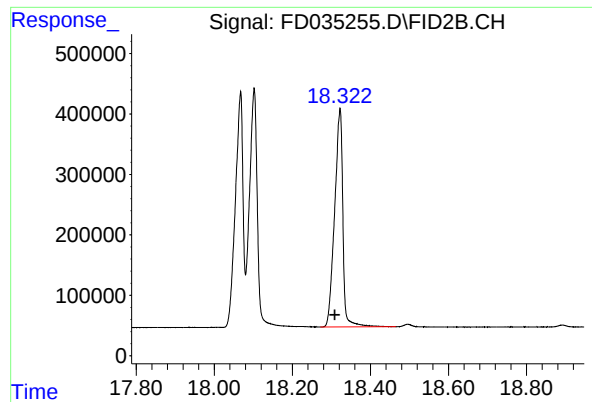
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.067 min
Delta R.T.: 0.010 min
Response: 5314337
Conc: 50.72 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.008 min
Response: 5440485
Conc: 45.69 ug/ml



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

R.T.: 18.321 min
Delta R.T.: 0.013 min
Response: 5295954
Conc: 47.77 ug/ml

Instrument :
FID_D
ClientSampleId :
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