

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
 Data File : FD038971.D
 Signal(s) : FID2B.CH
 Acq On : 30 Sep 2021 3:34
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 30 05:28:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.766	2611146	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
6) S 2-Fluorobiphenyl (SURR)	8.635	1783697	20.040 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.08%
11) S ortho-Terphenyl (SURR)	11.679	2752924	20.035 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	2796352	19.980 ug/ml
2) T Naphthalene (C11.7)	6.102	2950005	19.993 ug/ml
3) T 2-Methylnaphthalene (...)	7.157	2977048	19.982 ug/ml
5) T Acenaphthylene (C15.06)	8.438	2742142	20.012 ug/ml
7) T Acenaphthene (C15.5)	8.734	2889537	20.025 ug/ml
8) T Fluorene (C16.55)	9.516	2851093	20.082 ug/ml
9) T Phenanthrene (C19.36)	10.917	2777609	20.025 ug/ml
10) T Anthracene (C19.43)	10.991	2748595	20.104 ug/ml
12) T Fluoranthene (C21.85)	12.732	2761292	20.085 ug/ml
13) T Pyrene (C20.8)	13.032	2686824	20.049 ug/ml
14) T Benzo[a]anthracene (C...	14.903	2439090	20.051 ug/ml
15) T Chrysene (C27.41)	14.946	2546321	20.039 ug/ml
16) T benzo[b]fluoranthene ...	16.454	2375334	20.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.487	2360646	20.070 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	2292290	20.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.198	2161592	19.870 ug/ml
20) T Dibenz[a,h]anthracene...	18.236	2155712	20.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.454	2167421	20.017 ug/ml

(f)=RT Delta > 1/2 Window

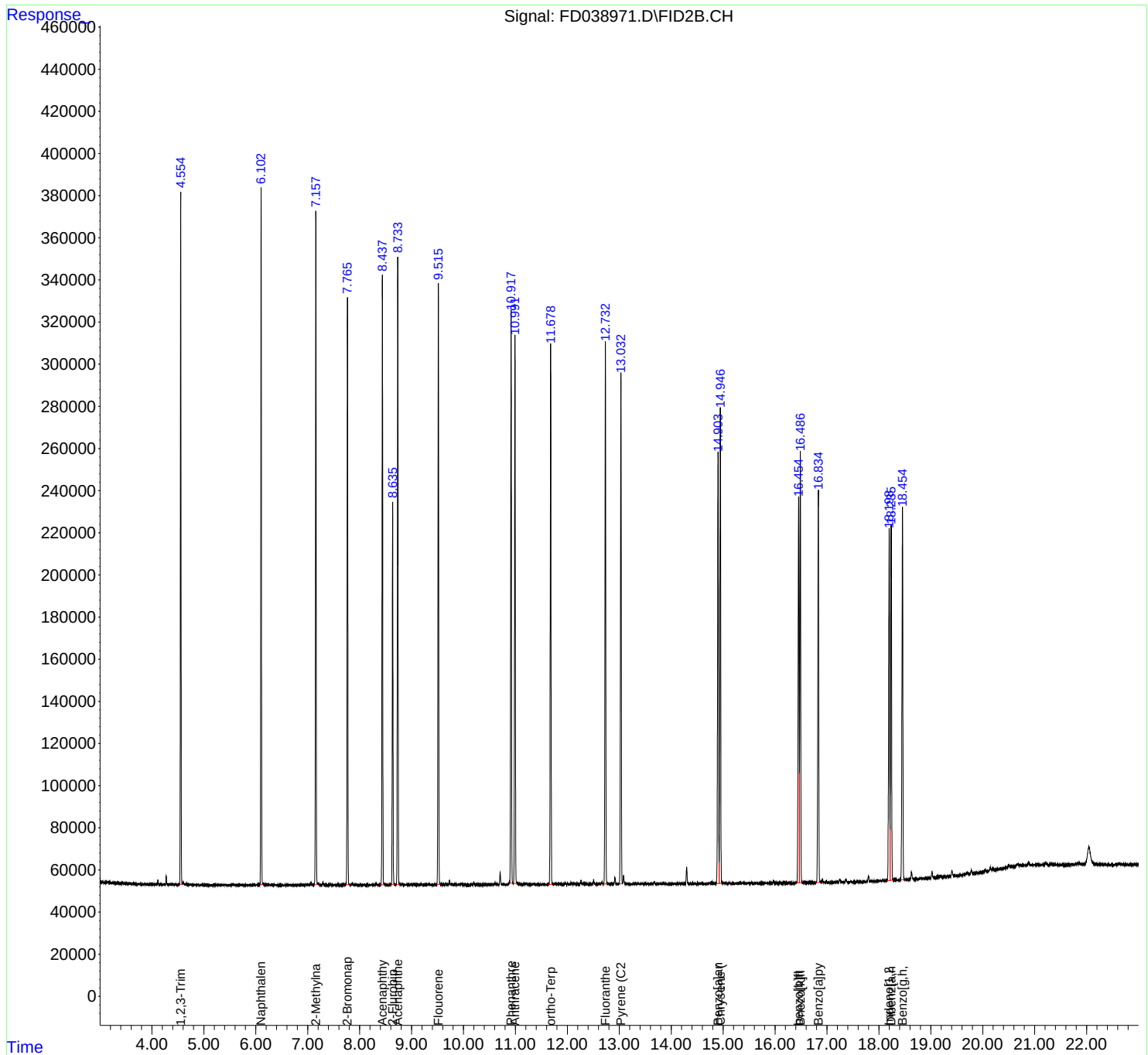
(m)=manual int.

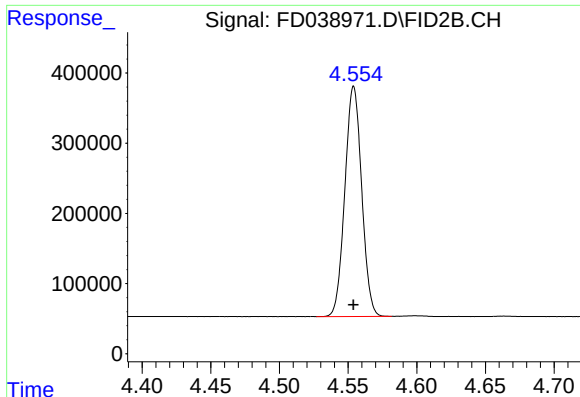
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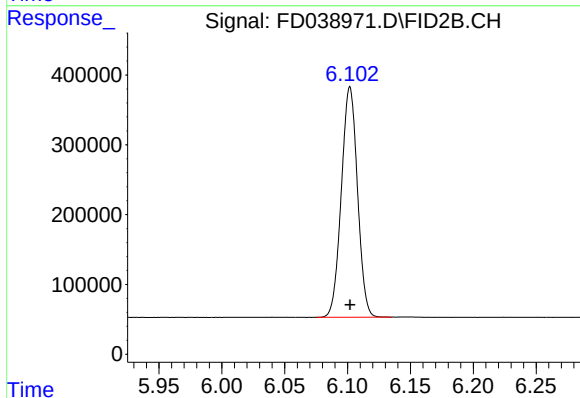




#1 1,2,3-Trimethylbenzene (C10.1)

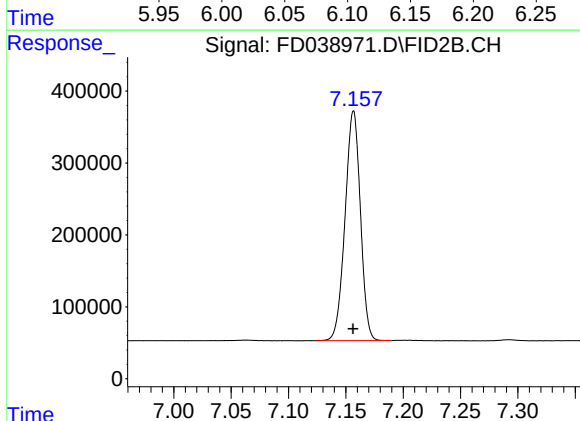
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 2796352
Conc: 19.98 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



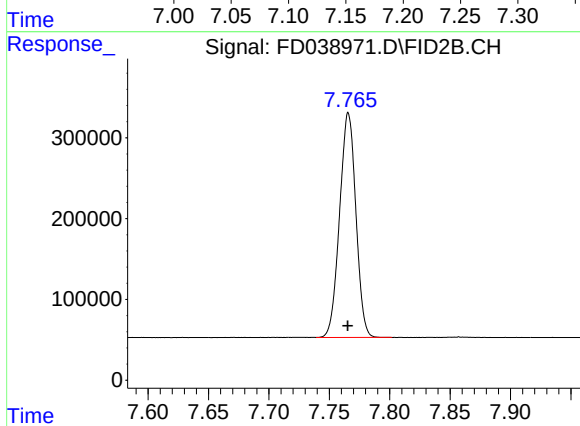
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 2950005
Conc: 19.99 ug/ml



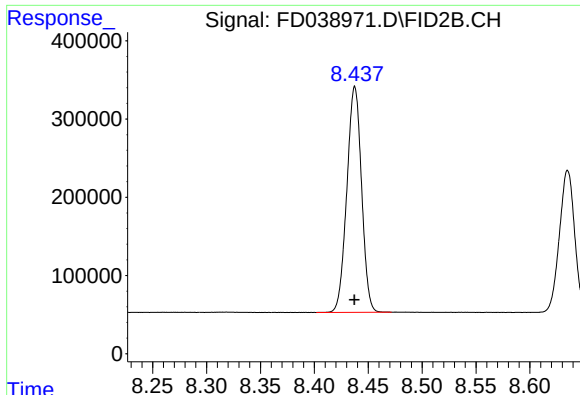
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 2977048
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

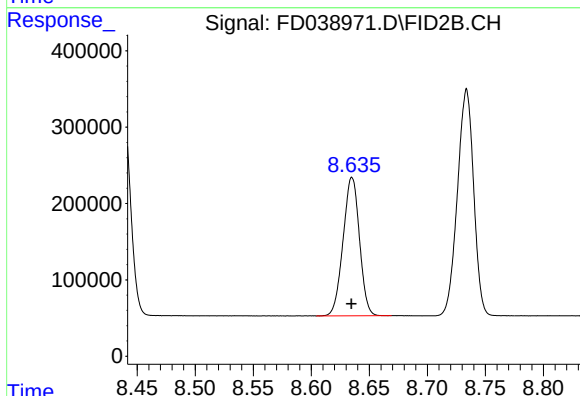
R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 2611146
Conc: 20.01 ug/ml



#5 Acenaphthylene (C15.06)

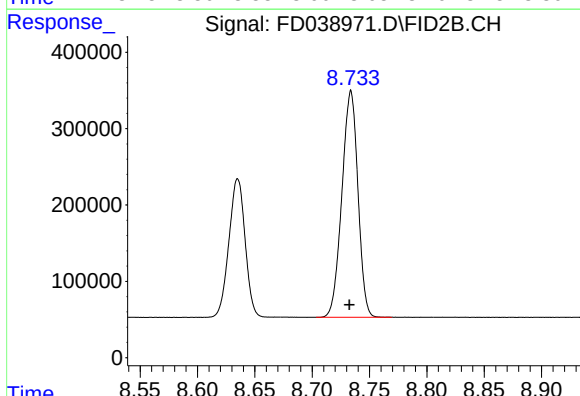
R.T.: 8.438 min
Delta R.T.: 0.000 min
Response: 2742142
Conc: 20.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



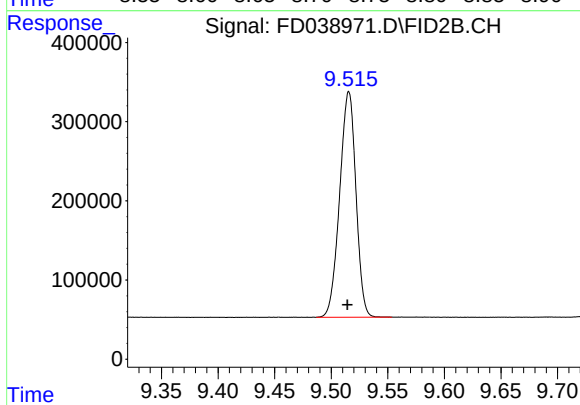
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 1783697
Conc: 20.04 ug/ml



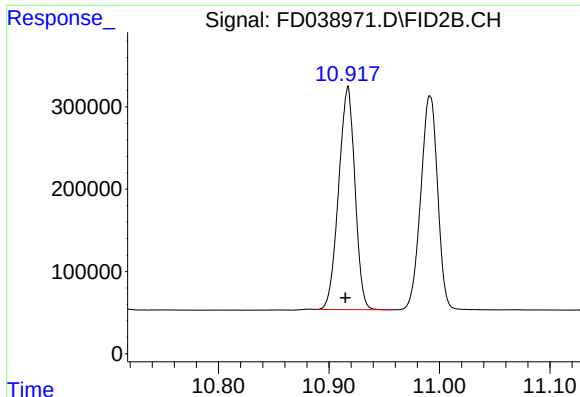
#7 Acenaphthene (C15.5)

R.T.: 8.734 min
Delta R.T.: 0.001 min
Response: 2889537
Conc: 20.03 ug/ml



#8 Fluorene (C16.55)

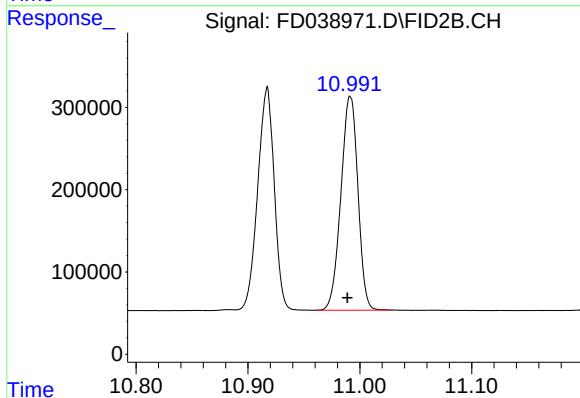
R.T.: 9.516 min
Delta R.T.: 0.001 min
Response: 2851093
Conc: 20.08 ug/ml



#9 Phenanthrene (C19.36)

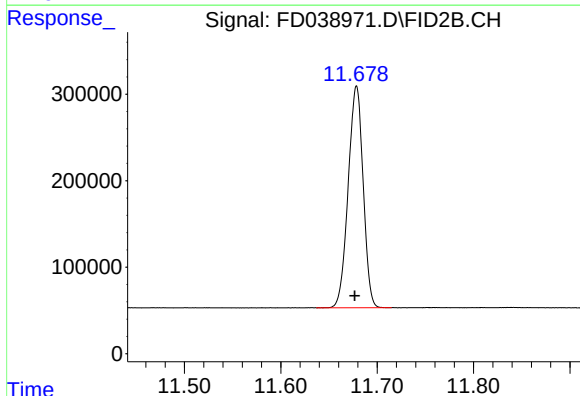
R.T.: 10.917 min
Delta R.T.: 0.002 min
Response: 2777609
Conc: 20.03 ug/ml

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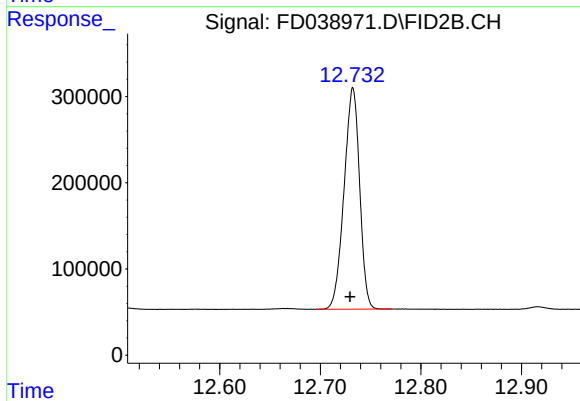
#10 Anthracene (C19.43)

R.T.: 10.991 min
Delta R.T.: 0.002 min
Response: 2748595
Conc: 20.10 ug/ml



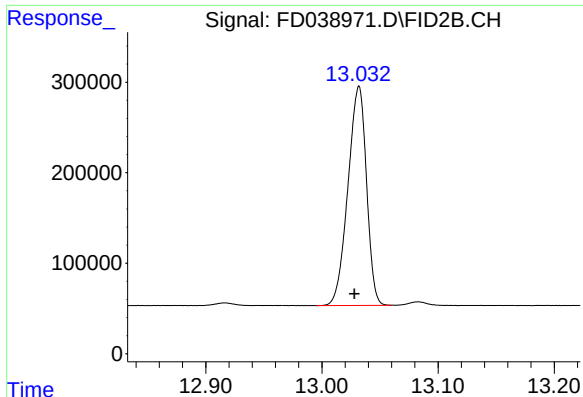
#11 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.002 min
Response: 2752924
Conc: 20.04 ug/ml



#12 Fluoranthene (C21.85)

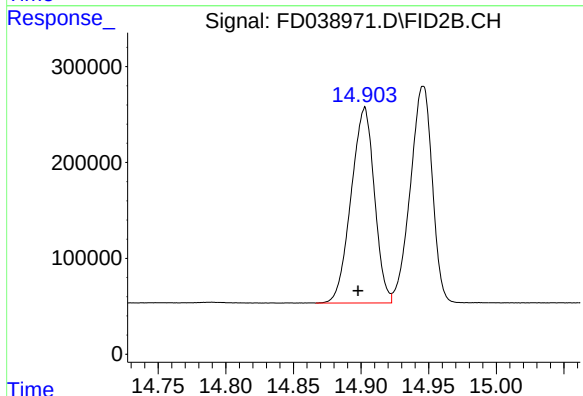
R.T.: 12.732 min
Delta R.T.: 0.003 min
Response: 2761292
Conc: 20.08 ug/ml



#13 Pyrene (C20.8)

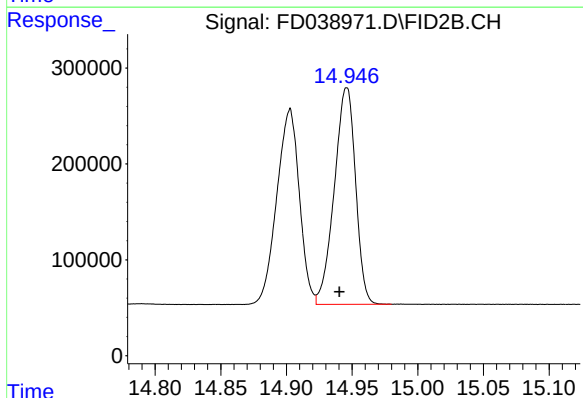
R.T.: 13.032 min
Delta R.T.: 0.004 min
Response: 2686824
Conc: 20.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



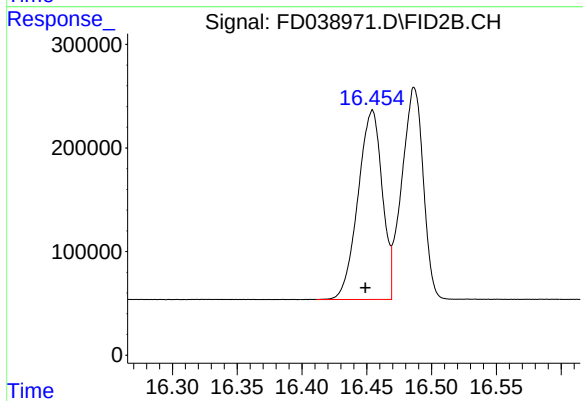
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.903 min
Delta R.T.: 0.005 min
Response: 2439090
Conc: 20.05 ug/ml



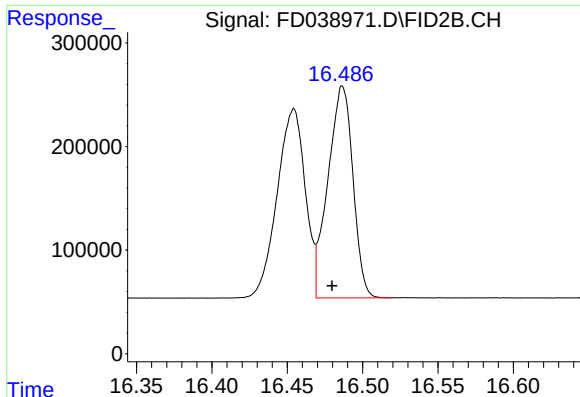
#15 Chrysene (C27.41)

R.T.: 14.946 min
Delta R.T.: 0.006 min
Response: 2546321
Conc: 20.04 ug/ml



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

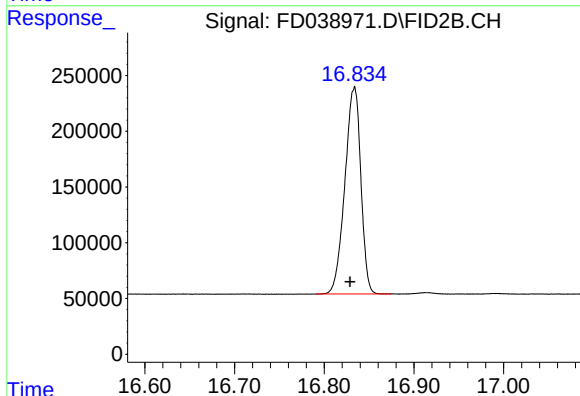
R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 2375334
Conc: 20.07 ug/ml



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

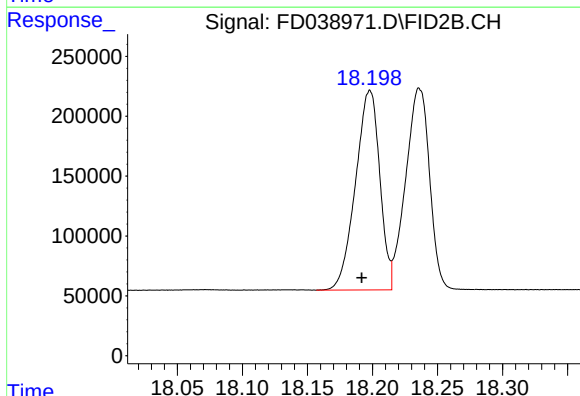
R.T.: 16.487 min
Delta R.T.: 0.007 min
Response: 2360646
Conc: 20.07 ug/ml

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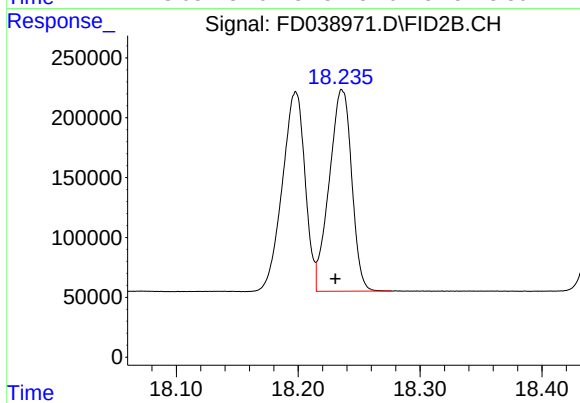
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.005 min
Response: 2292290
Conc: 20.03 ug/ml



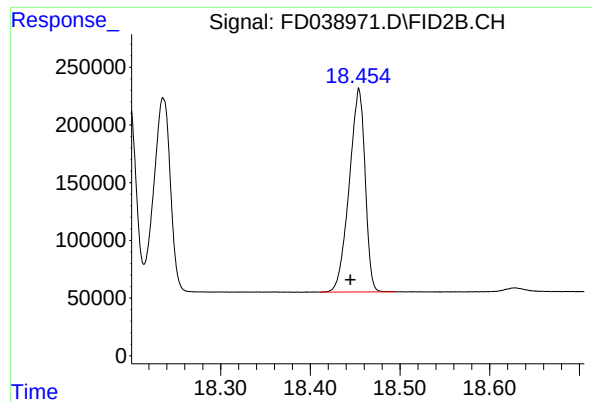
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.198 min
Delta R.T.: 0.006 min
Response: 2161592
Conc: 19.87 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.006 min
Response: 2155712
Conc: 20.29 ug/ml



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

R.T.: 18.454 min
Delta R.T.: 0.009 min
Response: 2167421
Conc: 20.02 ug/ml

Instrument :
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