

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039272.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 18:53
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 27 09:33:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:32:55 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...	7.761	5826921	50.742 ug/ml
Spiked Amount 50.000		Recovery =	101.48%
6) S 2-Fluorobiphenyl (SURR)	8.631	4031654	50.654 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.31%
11) S ortho-Terphenyl (SURR)	11.676	6326060	50.158 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	6174295	50.959 ug/ml
2) T Naphthalene (C11.7)	6.096	6560624	51.165 ug/ml
3) T 2-Methylnaphthalene (...)	7.152	6691446	50.933 ug/ml
5) T Acenaphthylene (C15.06)	8.434	6179392	50.624 ug/ml
7) T Acenaphthene (C15.5)	8.731	6522260	50.456 ug/ml
8) T Fluorene (C16.55)	9.514	6514146	50.580 ug/ml
9) T Phenanthrene (C19.36)	10.917	6494842	50.762 ug/ml
10) T Anthracene (C19.43)	10.993	6371089	50.099 ug/ml
12) T Fluoranthene (C21.85)	12.735	6505447	50.275 ug/ml
13) T Pyrene (C20.8)	13.034	6327091	50.318 ug/ml
14) T Benzo[a]anthracene (C...	14.908	5940714	50.725 ug/ml
15) T Chrysene (C27.41)	14.954	6246383	50.446 ug/ml
16) T benzo[b]fluoranthene ...	16.463	5890066	51.021 ug/ml
17) T Bnezo[k]fluoranthene ...	16.499	5871349	50.568 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.845	5694078	50.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.213	5386634	52.182 ug/ml
20) T Dibenz[a,h]anthracene...	18.250	5203334	49.829 ug/ml
21) T Benzo[g,h,i]perylene ...	18.471	5237941	51.122 ug/ml

(f)=RT Delta > 1/2 Window

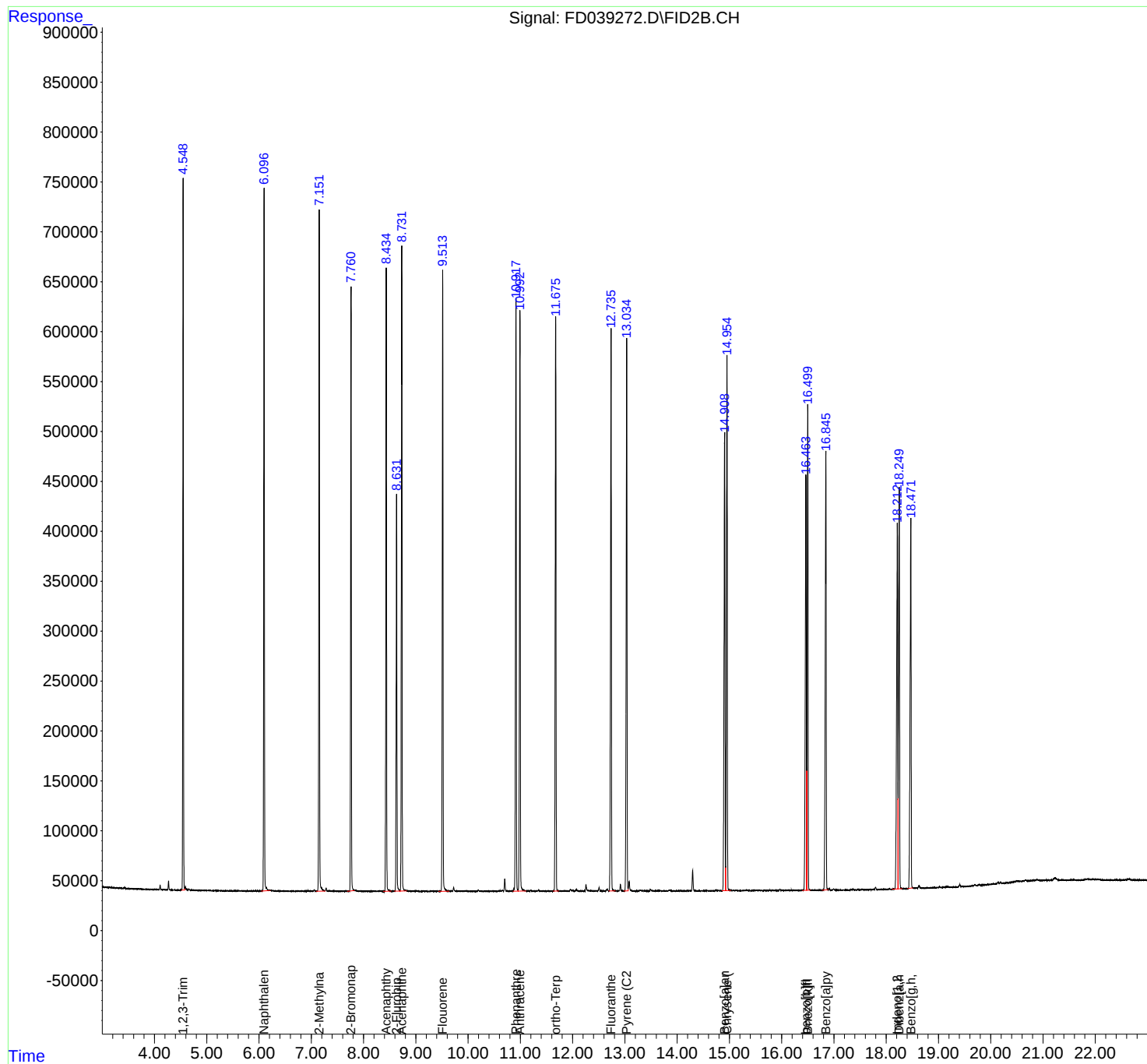
(m)=manual int.

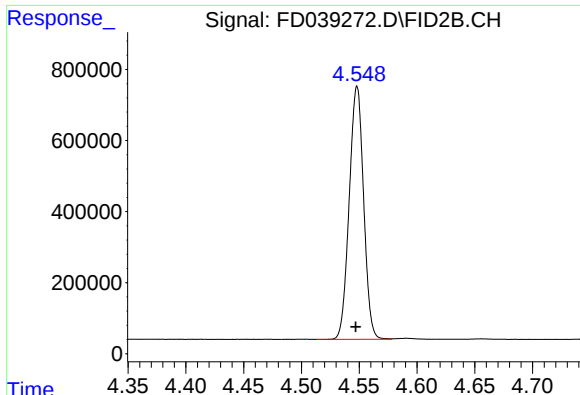
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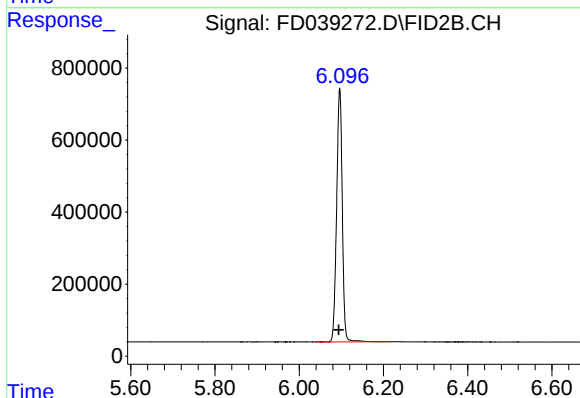




#1 1,2,3-Trimethylbenzene (C10.1)

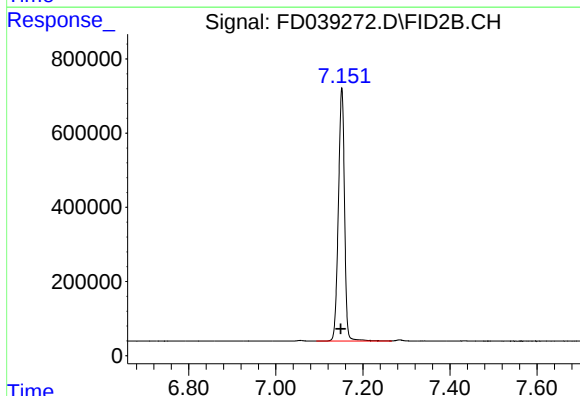
R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 6174295
Conc: 50.96 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



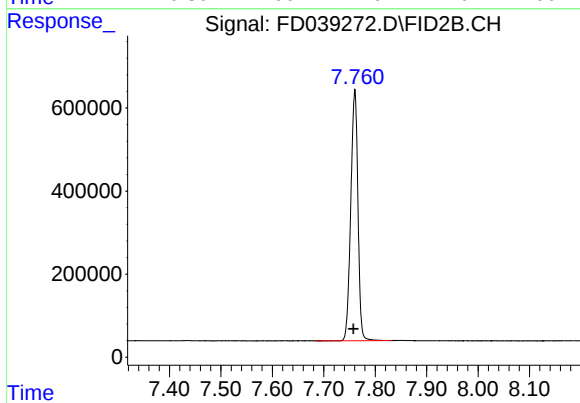
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: 0.002 min
Response: 6560624
Conc: 51.17 ug/ml



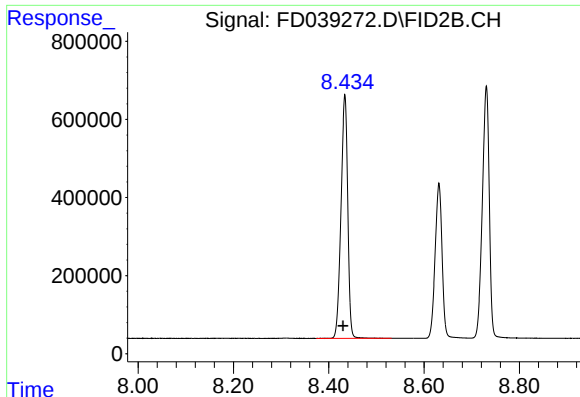
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: 0.003 min
Response: 6691446
Conc: 50.93 ug/ml



#4 2-Bromonaphthalene (SURR)

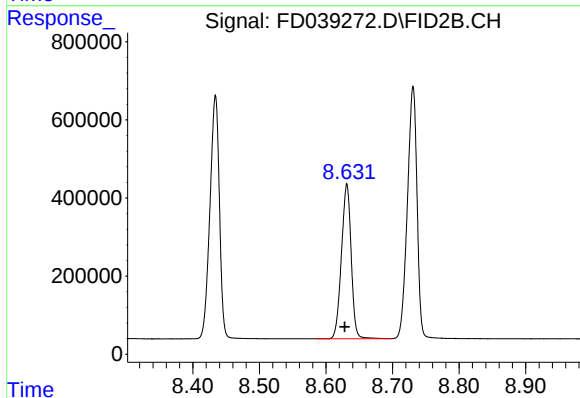
R.T.: 7.761 min
Delta R.T.: 0.003 min
Response: 5826921
Conc: 50.74 ug/ml



#5 Acenaphthylene (C15.06)

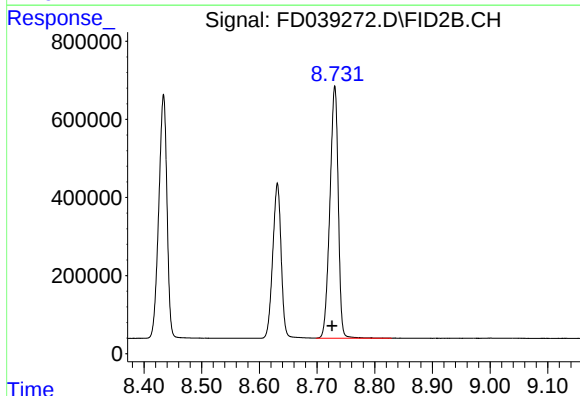
R.T.: 8.434 min
Delta R.T.: 0.004 min
Response: 6179392
Conc: 50.62 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



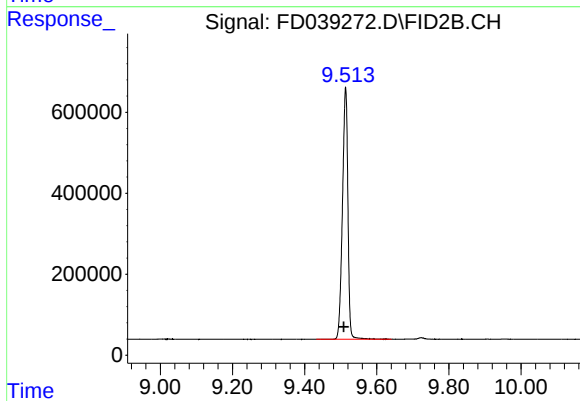
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: 0.003 min
Response: 4031654
Conc: 50.65 ug/ml



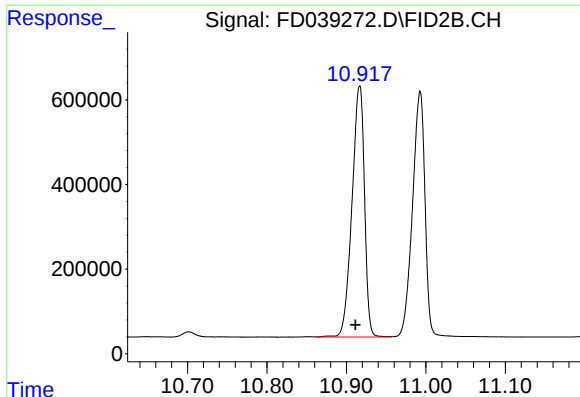
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.005 min
Response: 6522260
Conc: 50.46 ug/ml



#8 Flouorene (C16.55)

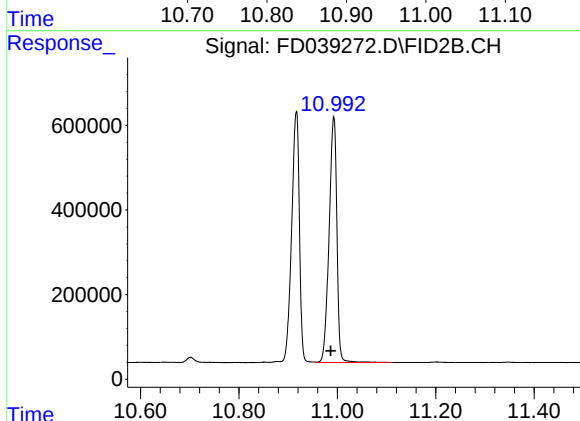
R.T.: 9.514 min
Delta R.T.: 0.006 min
Response: 6514146
Conc: 50.58 ug/ml



#9 Phenanthrene (C19.36)

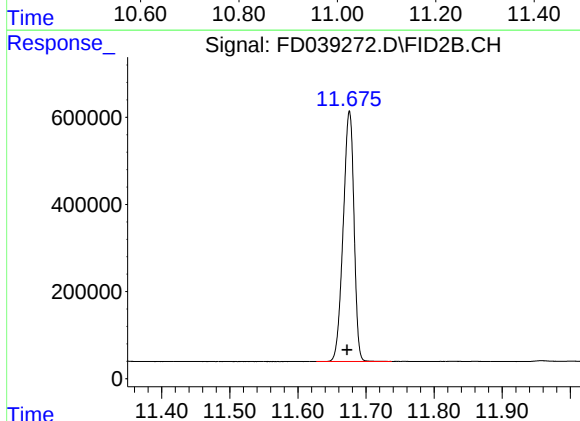
R.T.: 10.917 min
Delta R.T.: 0.005 min
Response: 6494842
Conc: 50.76 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



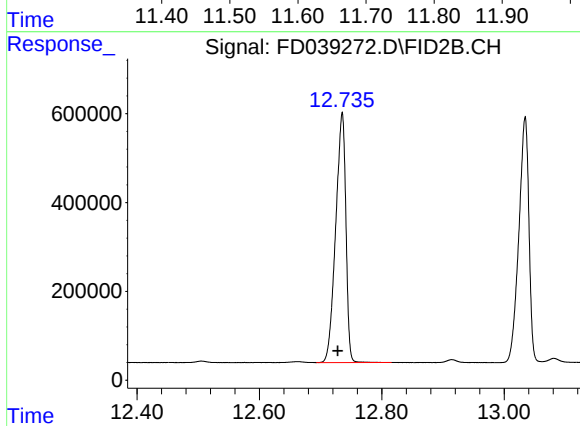
#10 Anthracene (C19.43)

R.T.: 10.993 min
Delta R.T.: 0.006 min
Response: 6371089
Conc: 50.10 ug/ml



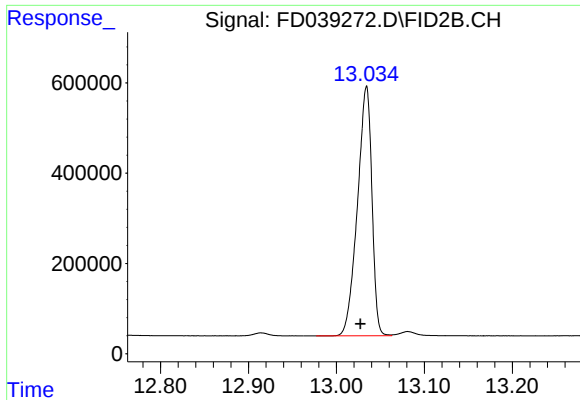
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.003 min
Response: 6326060
Conc: 50.16 ug/ml



#12 Fluoranthene (C21.85)

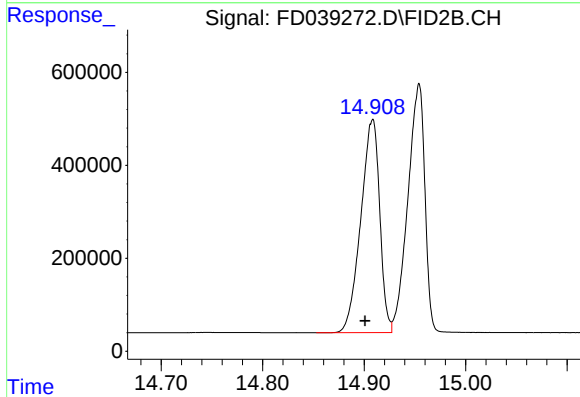
R.T.: 12.735 min
Delta R.T.: 0.007 min
Response: 6505447
Conc: 50.27 ug/ml



#13 Pyrene (C20.8)

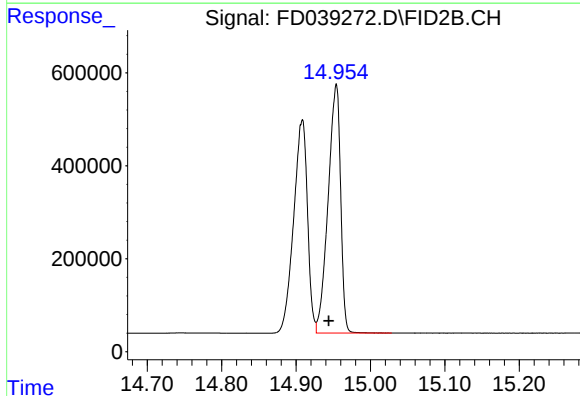
R.T.: 13.034 min
Delta R.T.: 0.007 min
Response: 6327091
Conc: 50.32 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



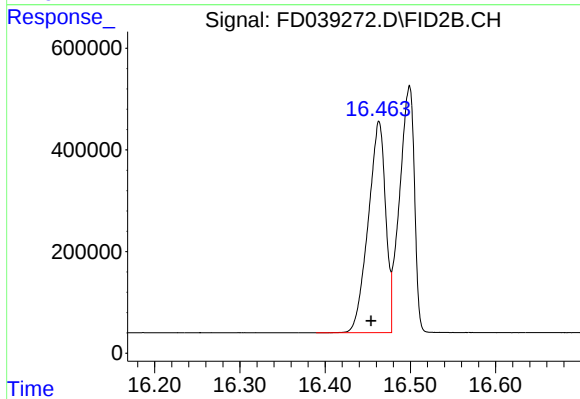
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.908 min
Delta R.T.: 0.007 min
Response: 5940714
Conc: 50.72 ug/ml



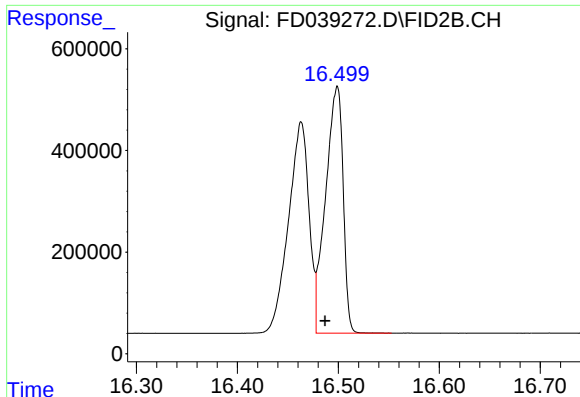
#15 Chrysene (C27.41)

R.T.: 14.954 min
Delta R.T.: 0.010 min
Response: 6246383
Conc: 50.45 ug/ml



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

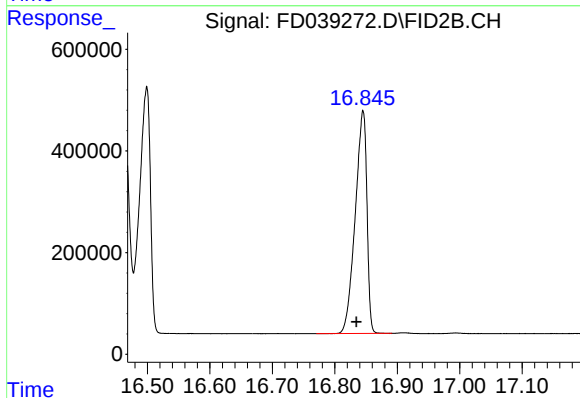
R.T.: 16.463 min
Delta R.T.: 0.009 min
Response: 5890066
Conc: 51.02 ug/ml



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

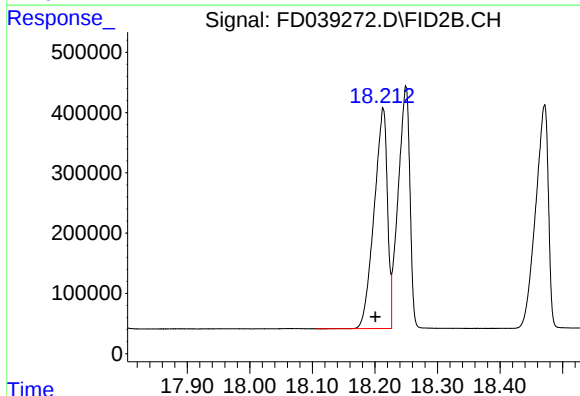
R.T.: 16.499 min
Delta R.T.: 0.012 min
Response: 5871349
Conc: 50.57 ug/ml

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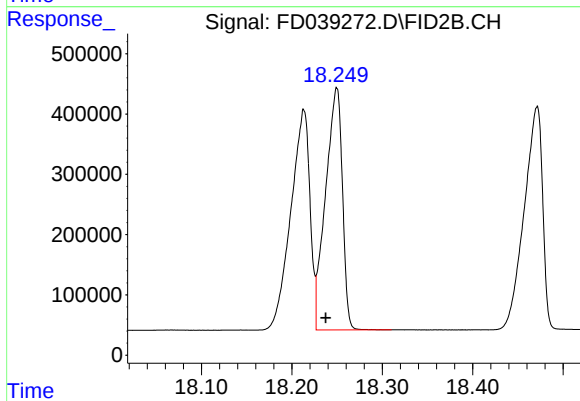
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.845 min
Delta R.T.: 0.011 min
Response: 5694078
Conc: 50.87 ug/ml



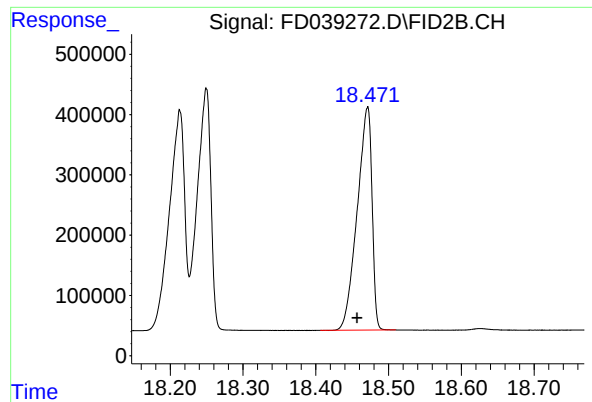
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.213 min
Delta R.T.: 0.013 min
Response: 5386634
Conc: 52.18 ug/ml



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

R.T.: 18.250 min
Delta R.T.: 0.012 min
Response: 5203334
Conc: 49.83 ug/ml



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

R.T.: 18.471 min
Delta R.T.: 0.014 min
Response: 5237941
Conc: 51.12 ug/ml

Instrument :
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