

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
 Data File : FD038965.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 23:47
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 02:31:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:30:01 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...	7.770	6475651	49.509 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
6) S 2-Fluorobiphenyl (SURR)	8.640	4427447	49.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.42%
11) S ortho-Terphenyl (SURR)	11.683	6827178	49.834 ug/ml
Spiked Amount 50.000		Recovery =	99.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	6915610	49.309 ug/ml
2) T Naphthalene (C11.7)	6.105	7304627	49.398 ug/ml
3) T 2-Methylnaphthalene (...)	7.161	7377682	49.460 ug/ml
5) T Acenaphthylene (C15.06)	8.443	6788910	49.510 ug/ml
7) T Acenaphthene (C15.5)	8.739	7167436	49.608 ug/ml
8) T Fluorene (C16.55)	9.522	7085214	49.811 ug/ml
9) T Phenanthrene (C19.36)	10.924	6977737	50.334 ug/ml
10) T Anthracene (C19.43)	11.000	6850228	50.036 ug/ml
12) T Fluoranthene (C21.85)	12.740	6885826	50.231 ug/ml
13) T Pyrene (C20.8)	13.039	6696250	50.196 ug/ml
14) T Benzo[a]anthracene (C...	14.911	6137805	50.751 ug/ml
15) T Chrysene (C27.41)	14.957	6397592	50.704 ug/ml
16) T benzo[b]fluoranthene ...	16.464	5971179	50.921 ug/ml
17) T Bnezo[k]fluoranthene ...	16.499	5937835	50.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.845	5779954	51.014 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.211	5503086	51.621 ug/ml
20) T Dibenz[a,h]anthracene...	18.248	5317090	50.204 ug/ml
21) T Benzo[g,h,i]perylene ...	18.470	5439203	50.739 ug/ml

(f)=RT Delta > 1/2 Window

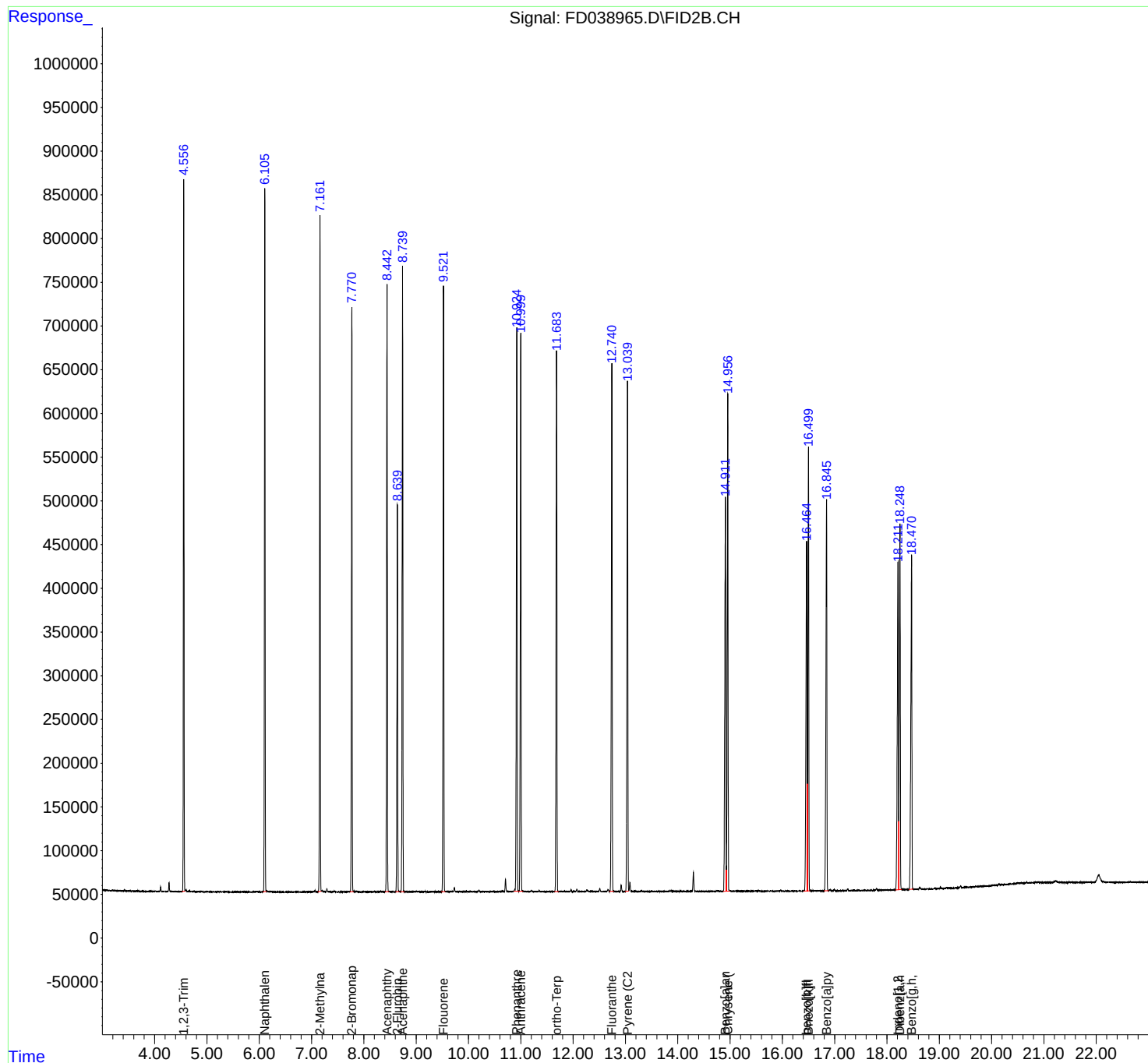
(m)=manual int.

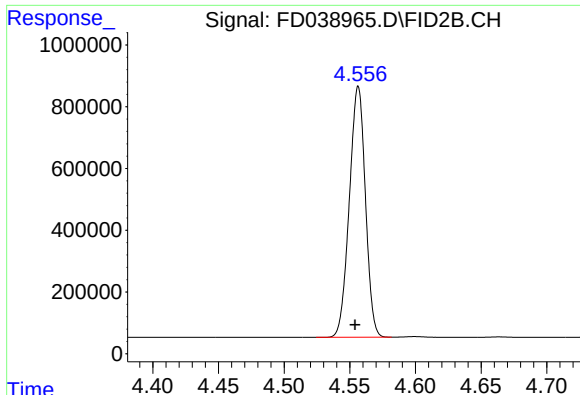
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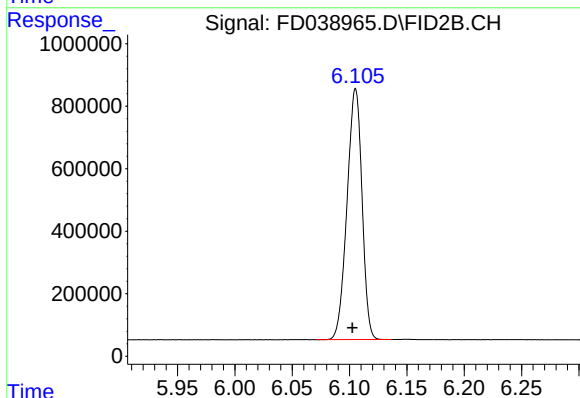




#1 1,2,3-Trimethylbenzene (C10.1)

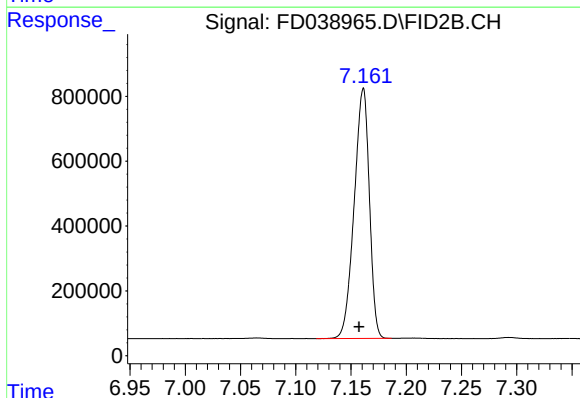
R.T.: 4.557 min
Delta R.T.: 0.003 min
Response: 6915610
Conc: 49.31 ug/ml

Instrument :
FID_D
ClientSampleId :



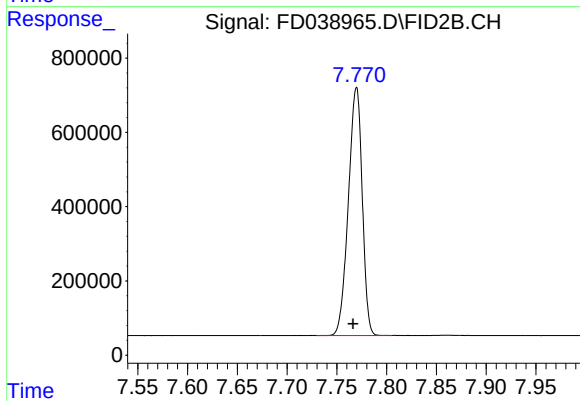
#2 Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 7304627
Conc: 49.40 ug/ml



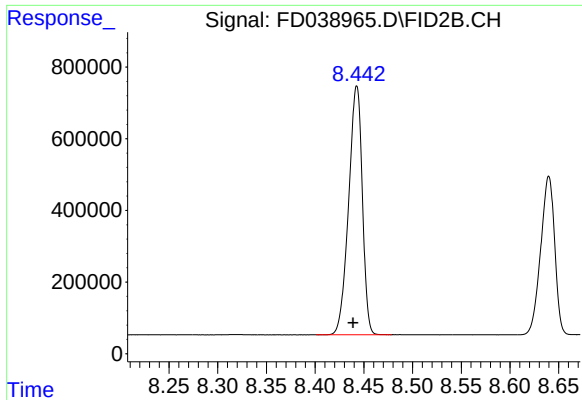
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.161 min
Delta R.T.: 0.004 min
Response: 7377682
Conc: 49.46 ug/ml



#4 2-Bromonaphthalene (SURR)

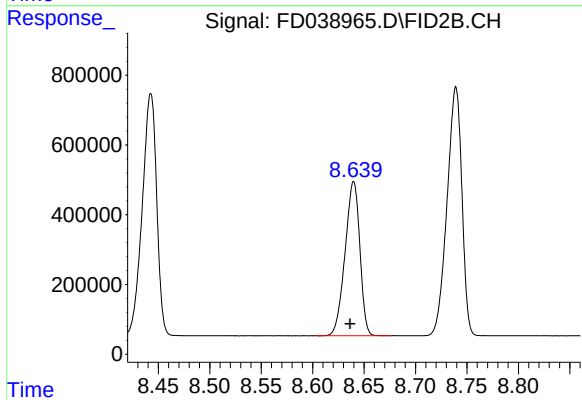
R.T.: 7.770 min
Delta R.T.: 0.004 min
Response: 6475651
Conc: 49.51 ug/ml



#5 Acenaphthylene (C15.06)

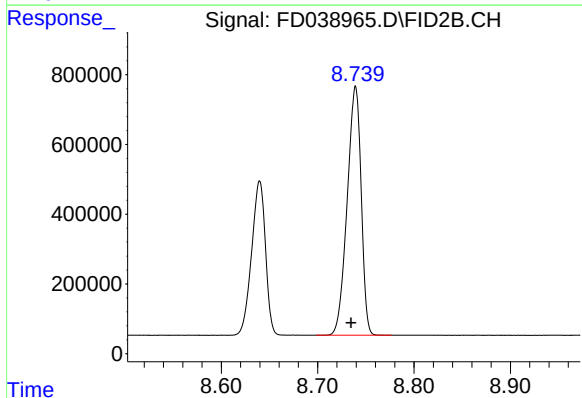
R.T.: 8.443 min
Delta R.T.: 0.004 min
Response: 6788910
Conc: 49.51 ug/ml

Instrument :
FID_D
ClientSampleId :



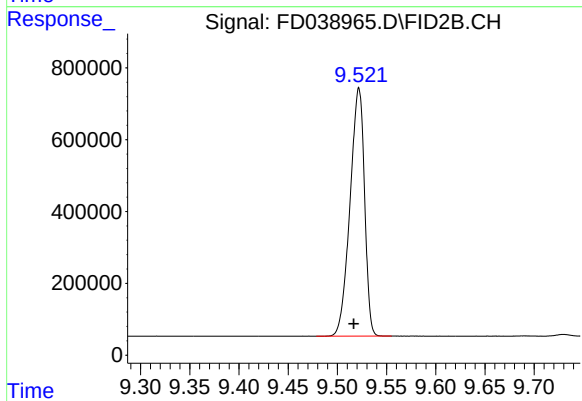
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.640 min
Delta R.T.: 0.004 min
Response: 4427447
Conc: 49.71 ug/ml



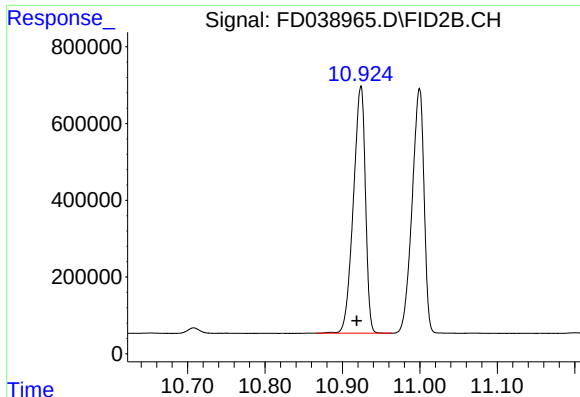
#7 Acenaphthene (C15.5)

R.T.: 8.739 min
Delta R.T.: 0.005 min
Response: 7167436
Conc: 49.61 ug/ml



#8 Flouorene (C16.55)

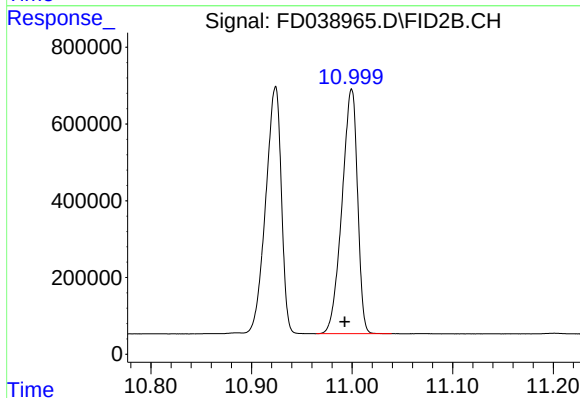
R.T.: 9.522 min
Delta R.T.: 0.005 min
Response: 7085214
Conc: 49.81 ug/ml



#9 Phenanthrene (C19.36)

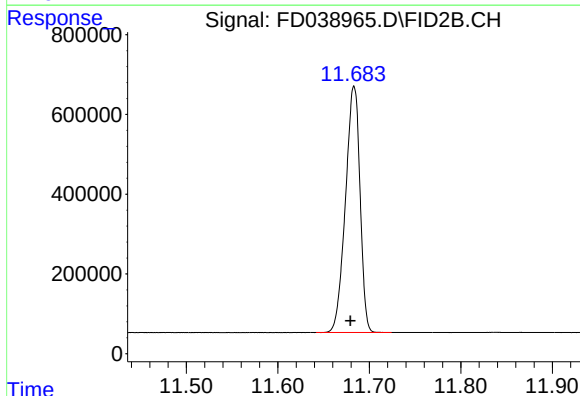
R.T.: 10.924 min
Delta R.T.: 0.006 min
Response: 6977737
Conc: 50.33 ug/ml

Instrument :
FID_D
ClientSampleId :



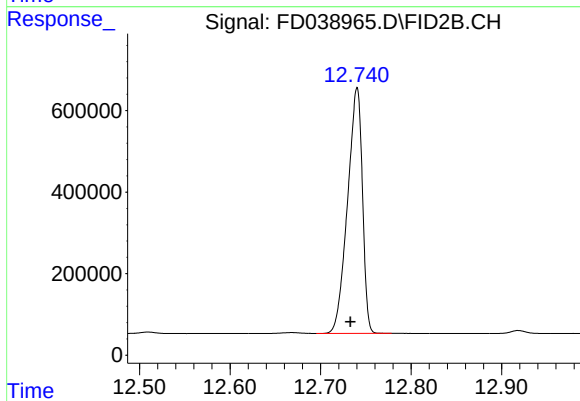
#10 Anthracene (C19.43)

R.T.: 11.000 min
Delta R.T.: 0.007 min
Response: 6850228
Conc: 50.04 ug/ml



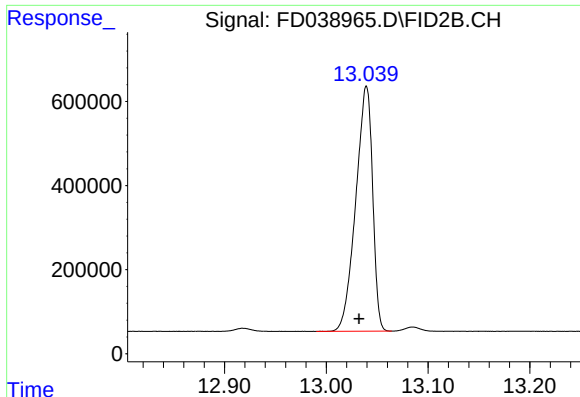
#11 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.004 min
Response: 6827178
Conc: 49.83 ug/ml



#12 Fluoranthene (C21.85)

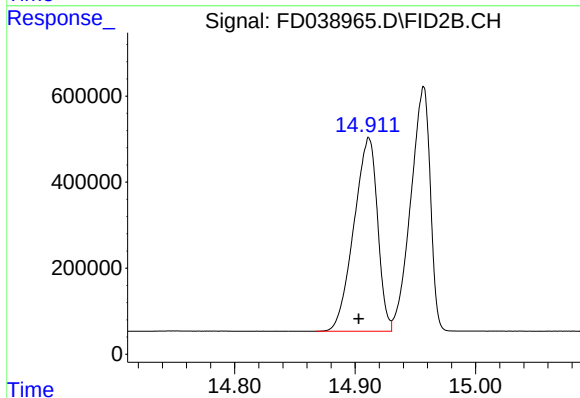
R.T.: 12.740 min
Delta R.T.: 0.007 min
Response: 6885826
Conc: 50.23 ug/ml



#13 Pyrene (C20.8)

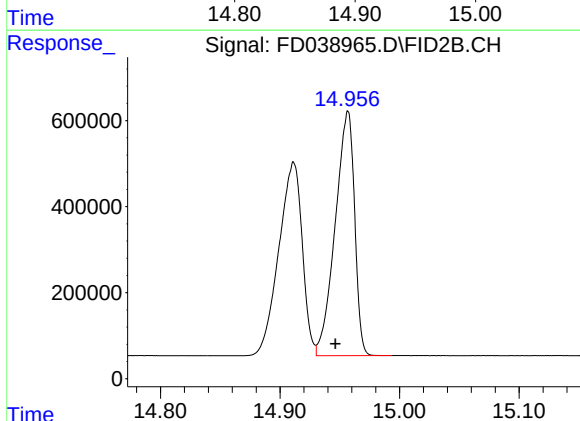
R.T.: 13.039 min
Delta R.T.: 0.007 min
Response: 6696250
Conc: 50.20 ug/ml

Instrument :
FID_D
ClientSampleId :



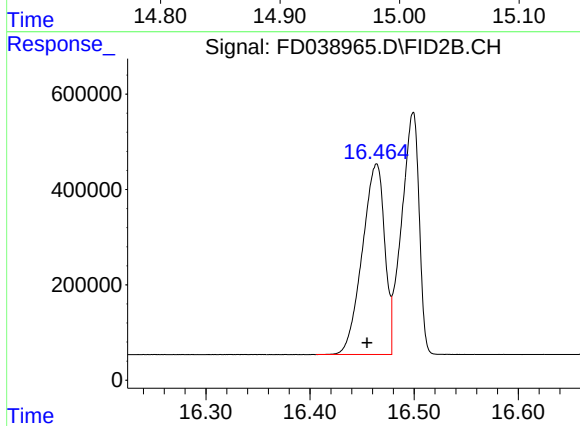
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.911 min
Delta R.T.: 0.008 min
Response: 6137805
Conc: 50.75 ug/ml



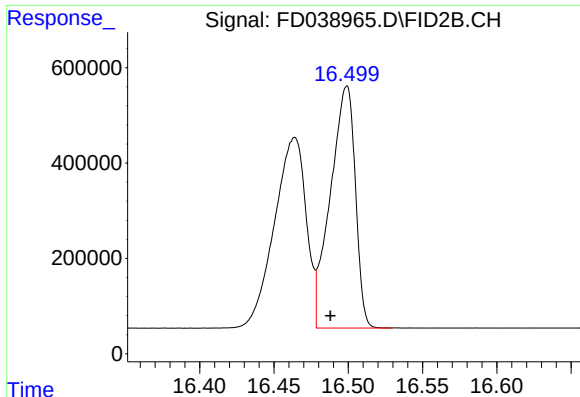
#15 Chrysene (C27.41)

R.T.: 14.957 min
Delta R.T.: 0.010 min
Response: 6397592
Conc: 50.70 ug/ml



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

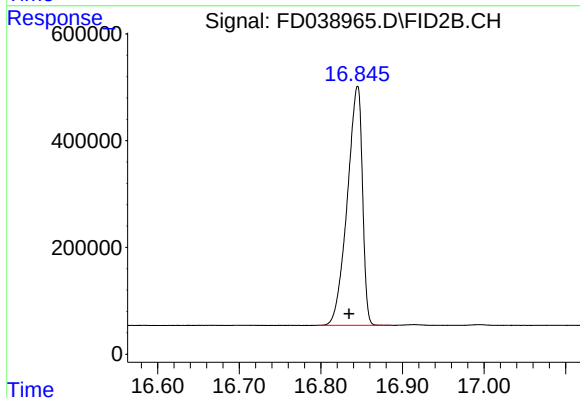
R.T.: 16.464 min
Delta R.T.: 0.009 min
Response: 5971179
Conc: 50.92 ug/ml



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

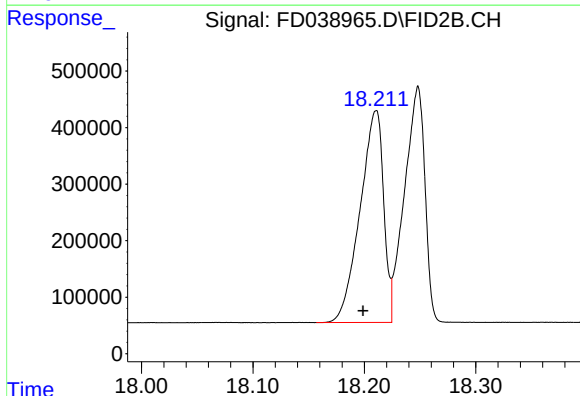
R.T.: 16.499 min
Delta R.T.: 0.011 min
Response: 5937835
Conc: 50.94 ug/ml

Instrument :
FID_D
ClientSampleId :



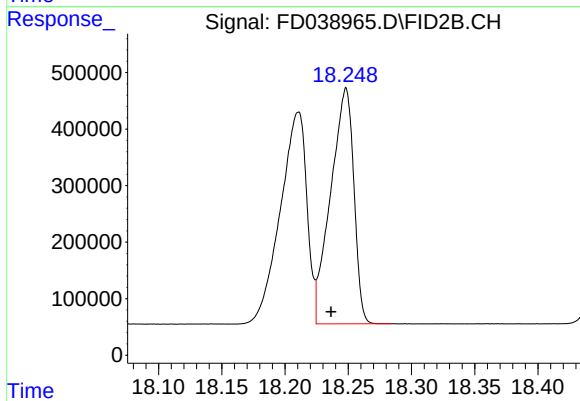
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.845 min
Delta R.T.: 0.011 min
Response: 5779954
Conc: 51.01 ug/ml



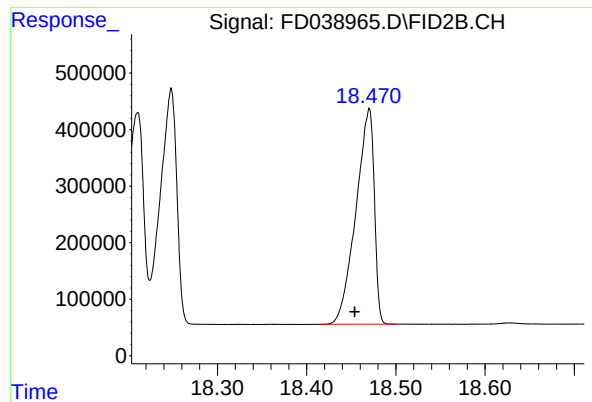
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.211 min
Delta R.T.: 0.012 min
Response: 5503086
Conc: 51.62 ug/ml



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

R.T.: 18.248 min
Delta R.T.: 0.012 min
Response: 5317090
Conc: 50.20 ug/ml



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

R.T.: 18.470 min
Delta R.T.: 0.016 min
Response: 5439203
Conc: 50.74 ug/ml

Instrument :
FID_D
ClientSampleId :