

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083121AR\
 Data File : FD038731.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 14:04
 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 01 10:26:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:25:00 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...	7.767	6600797	50.316 ug/ml
Spiked Amount 50.000		Recovery =	100.63%
6) S 2-Fluorobiphenyl (SURR)	8.636	4554251	50.341 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.68%
11) S ortho-Terphenyl (SURR)	11.683	7160096	50.072 ug/ml
Spiked Amount 50.000		Recovery =	100.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	7219907	50.340 ug/ml
2) T Naphthalene (C11.7)	6.102	7617647	50.323 ug/ml
3) T 2-Methylnaphthalene (...)	7.157	7479026	50.325 ug/ml
5) T Acenaphthylene (C15.06)	8.439	7241703	50.194 ug/ml
7) T Acenaphthene (C15.5)	8.737	7465587	50.250 ug/ml
8) T Fluorene (C16.55)	9.519	7244427	50.180 ug/ml
9) T Phenanthrene (C19.36)	10.919	7070544	50.582 ug/ml
10) T Anthracene (C19.43)	10.995	6769306	50.131 ug/ml
12) T Fluoranthene (C21.85)	12.736	6818960	50.126 ug/ml
13) T Pyrene (C20.8)	13.035	6744872	50.068 ug/ml
14) T Benzo[a]anthracene (C...	14.906	6093490	50.169 ug/ml
15) T Chrysene (C27.41)	14.952	6213951	50.150 ug/ml
16) T benzo[b]fluoranthene ...	16.458	5817742	50.086 ug/ml
17) T Bnezo[k]fluoranthene ...	16.494	5632786	49.930 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.839	5384820	50.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.204	5397959	50.676 ug/ml
20) T Dibenz[a,h]anthracene...	18.242	5350681	48.788 ug/ml
21) T Benzo[g,h,i]perylene ...	18.463	5369468	49.967 ug/ml

(f)=RT Delta > 1/2 Window

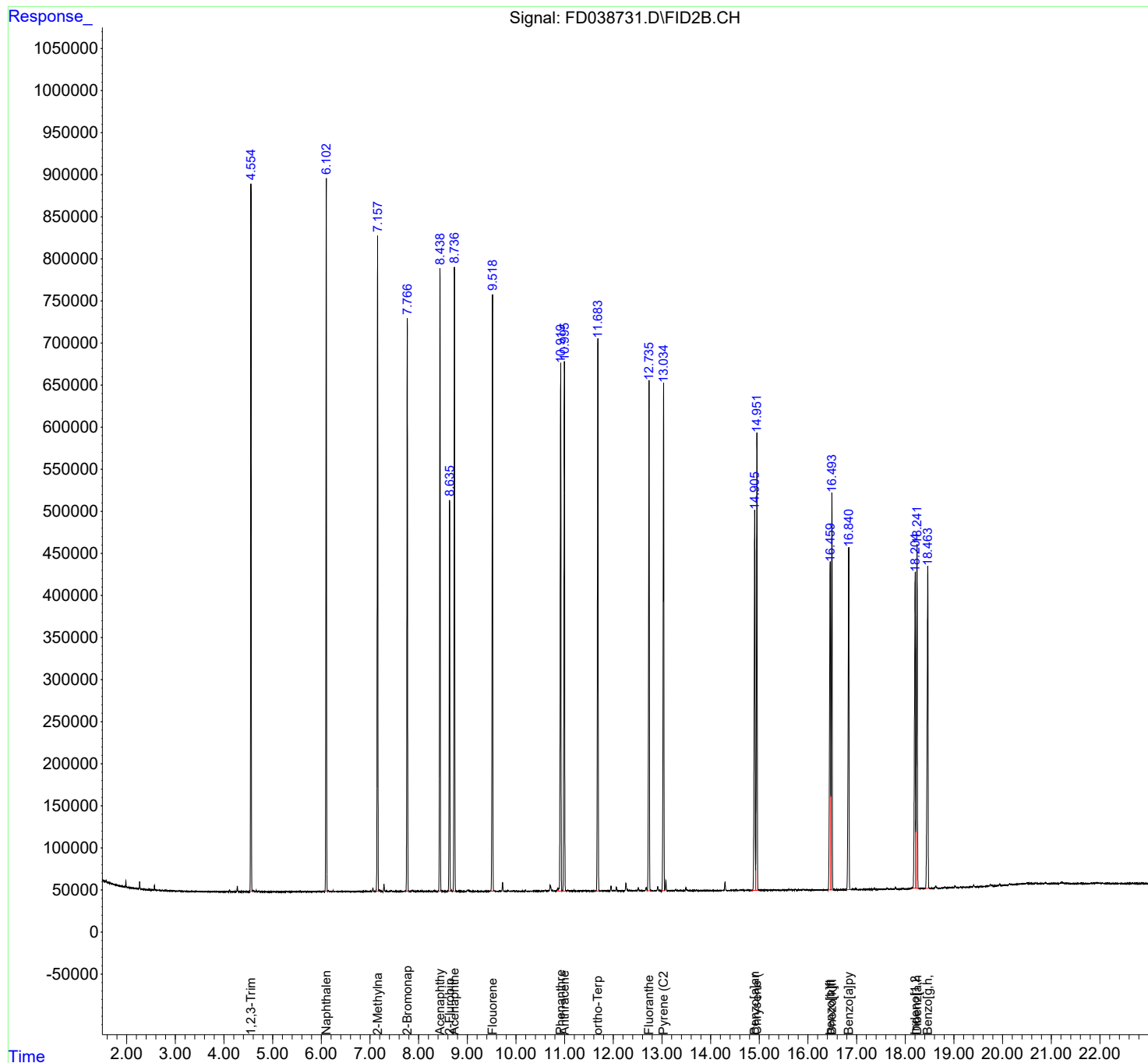
(m)=manual int.

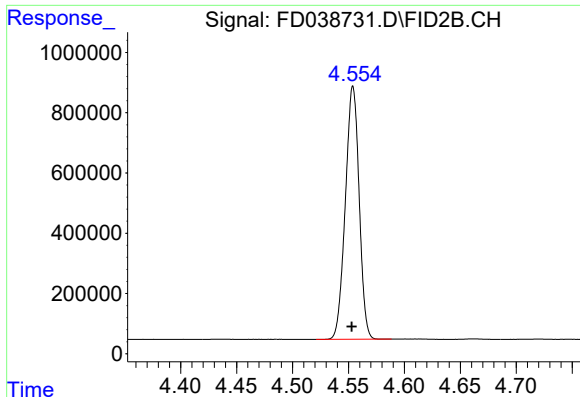
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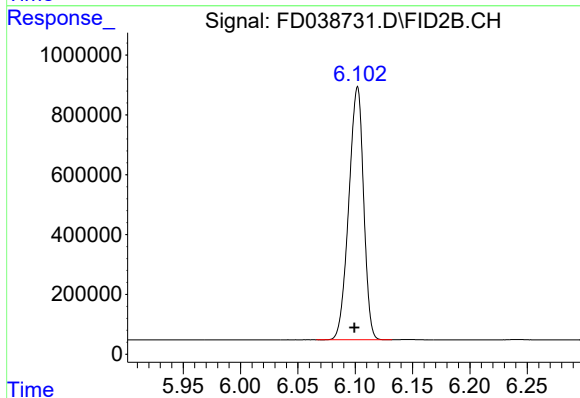




#1 1,2,3-Trimethylbenzene (C10.1)

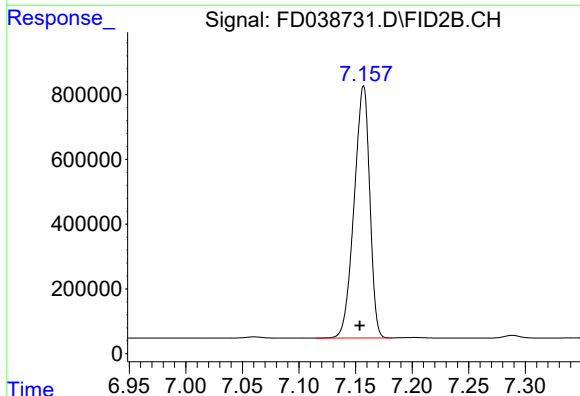
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 7219907
Conc: 50.34 ug/ml

Instrument :
FID_D
ClientSampleId :



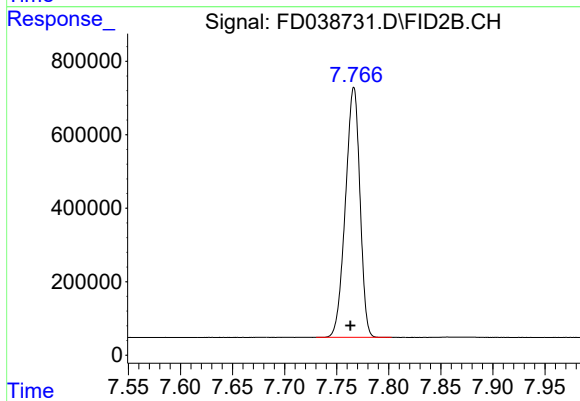
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.003 min
Response: 7617647
Conc: 50.32 ug/ml



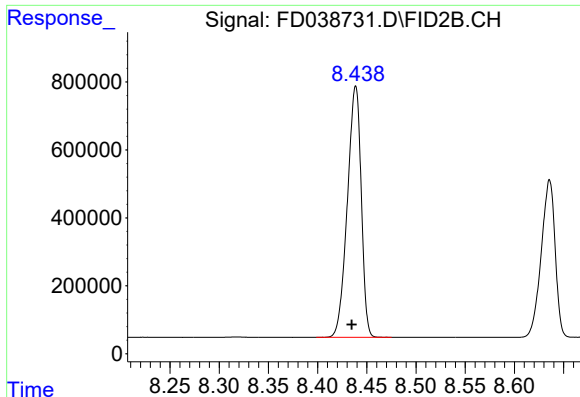
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 7479026
Conc: 50.33 ug/ml



#4 2-Bromonaphthalene (SURR)

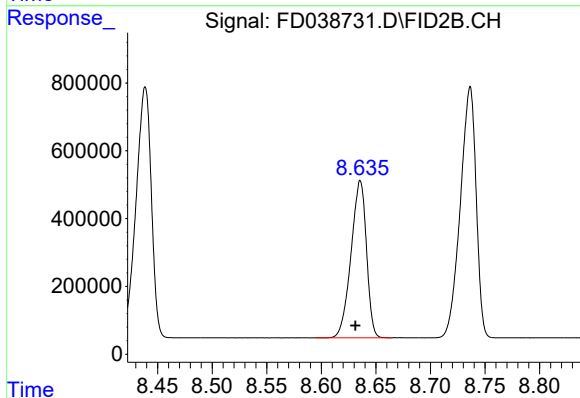
R.T.: 7.767 min
Delta R.T.: 0.003 min
Response: 6600797
Conc: 50.32 ug/ml



#5 Acenaphthylene (C15.06)

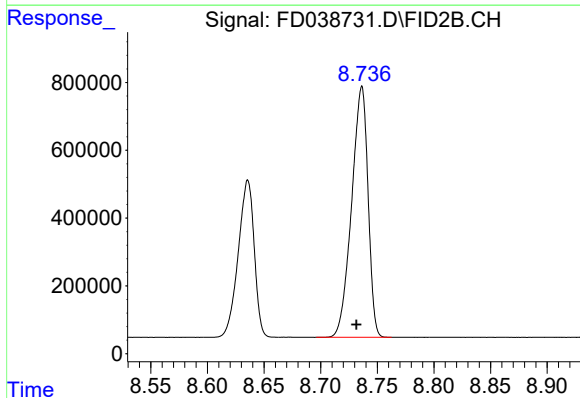
R.T.: 8.439 min
Delta R.T.: 0.004 min
Response: 7241703
Conc: 50.19 ug/ml

Instrument :
FID_D
ClientSampleId :



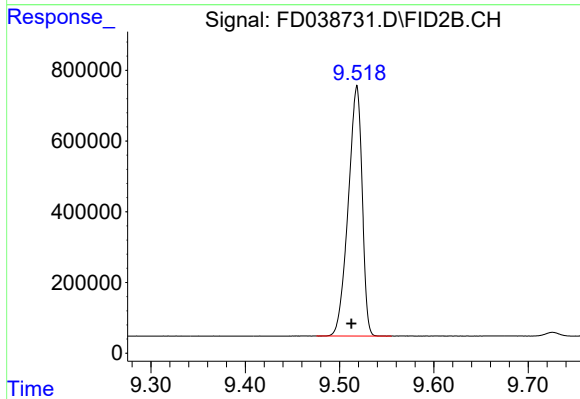
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.636 min
Delta R.T.: 0.004 min
Response: 4554251
Conc: 50.34 ug/ml



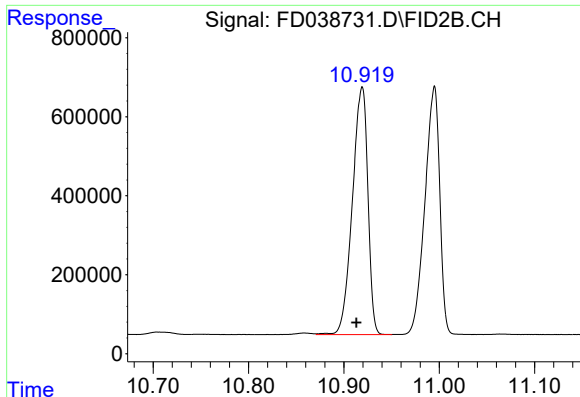
#7 Acenaphthene (C15.5)

R.T.: 8.737 min
Delta R.T.: 0.005 min
Response: 7465587
Conc: 50.25 ug/ml



#8 Fluorene (C16.55)

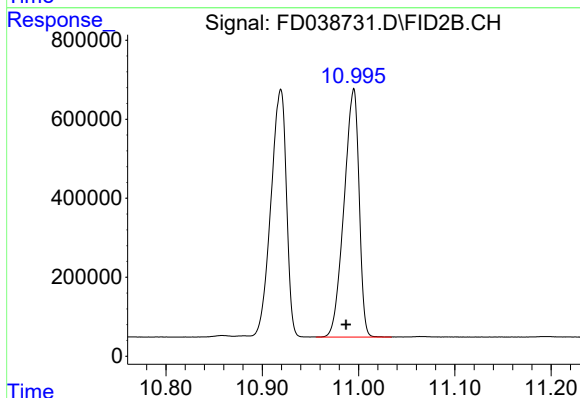
R.T.: 9.519 min
Delta R.T.: 0.006 min
Response: 7244427
Conc: 50.18 ug/ml



#9 Phenanthrene (C19.36)

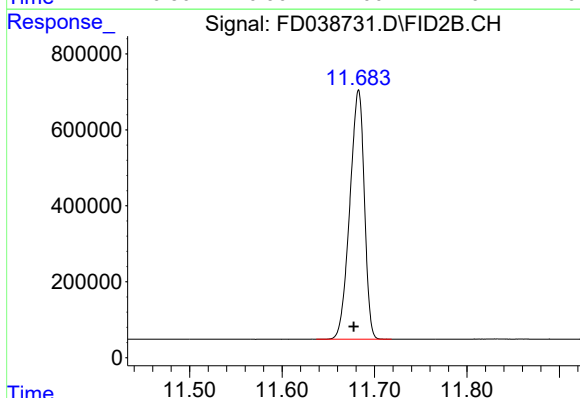
R.T.: 10.919 min
Delta R.T.: 0.006 min
Response: 7070544
Conc: 50.58 ug/ml

Instrument :
FID_D
ClientSampleId :



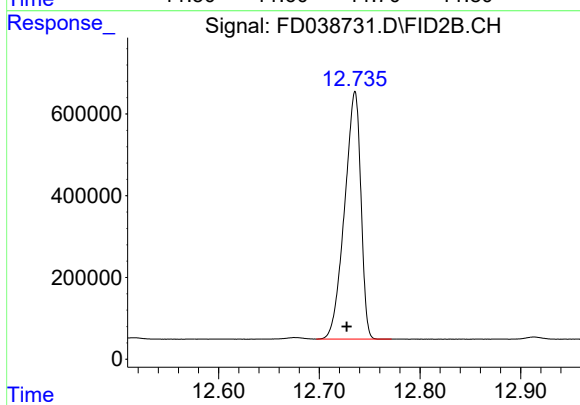
#10 Anthracene (C19.43)

R.T.: 10.995 min
Delta R.T.: 0.008 min
Response: 6769306
Conc: 50.13 ug/ml



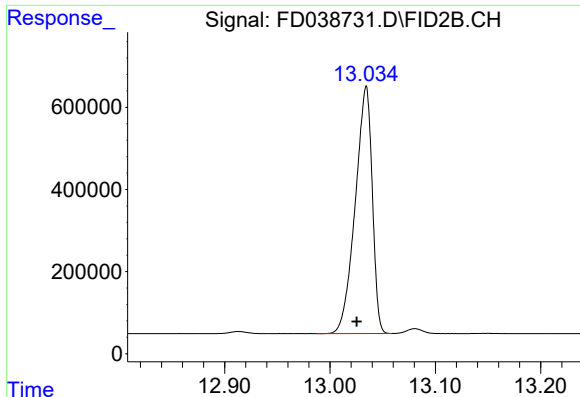
#11 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.005 min
Response: 7160096
Conc: 50.07 ug/ml



#12 Fluoranthene (C21.85)

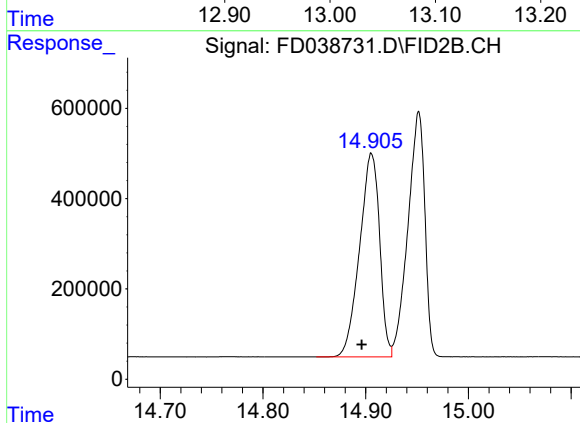
R.T.: 12.736 min
Delta R.T.: 0.008 min
Response: 6818960
Conc: 50.13 ug/ml



#13 Pyrene (C20.8)

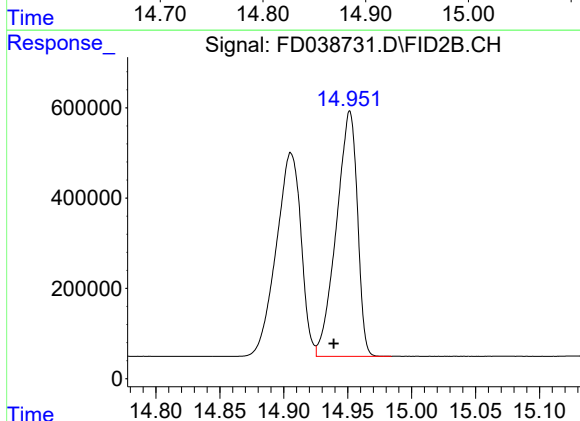
R.T.: 13.035 min
Delta R.T.: 0.009 min
Response: 6744872
Conc: 50.07 ug/ml

Instrument :
FID_D
ClientSampleId :



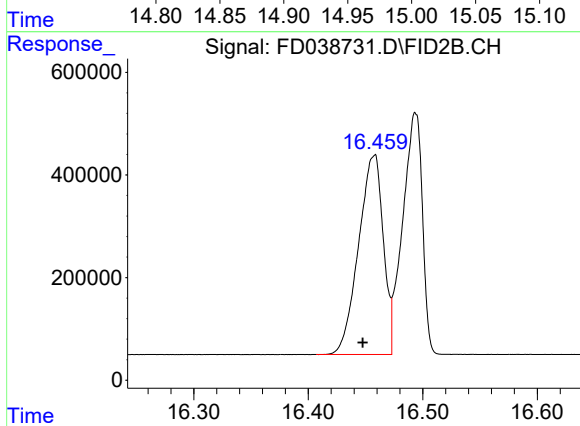
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.906 min
Delta R.T.: 0.009 min
Response: 6093490
Conc: 50.17 ug/ml



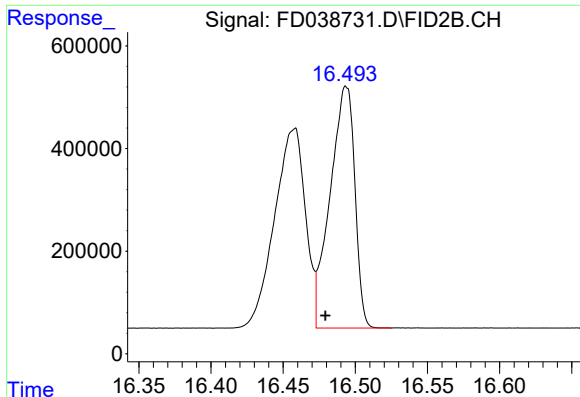
#15 Chrysene (C27.41)

R.T.: 14.952 min
Delta R.T.: 0.013 min
Response: 6213951
Conc: 50.15 ug/ml



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

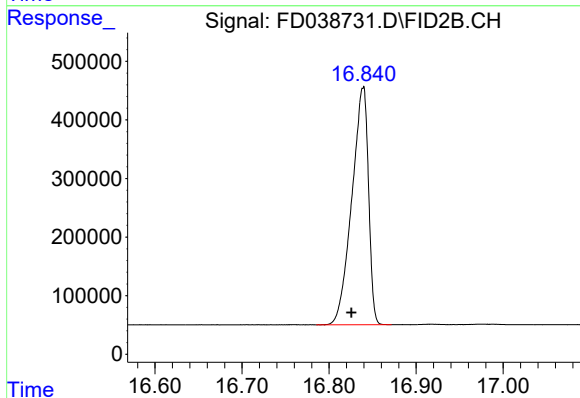
R.T.: 16.458 min
Delta R.T.: 0.010 min
Response: 5817742
Conc: 50.09 ug/ml



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

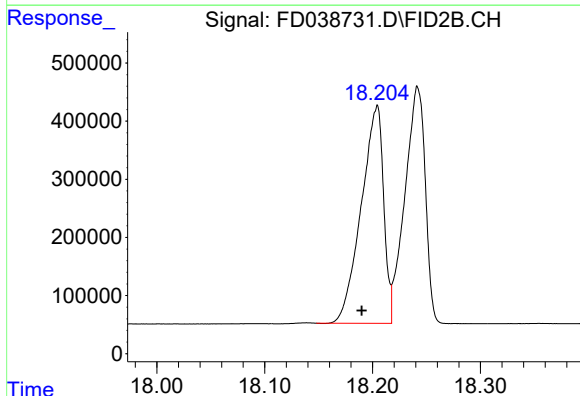
R.T.: 16.494 min
Delta R.T.: 0.014 min
Response: 5632786
Conc: 49.93 ug/ml

Instrument :
FID_D
ClientSampleId :



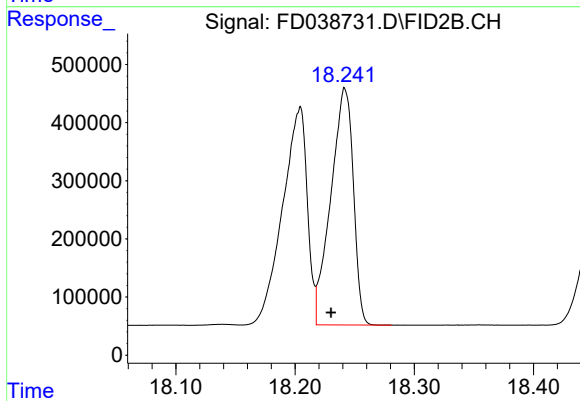
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.839 min
Delta R.T.: 0.013 min
Response: 5384820
Conc: 50.08 ug/ml



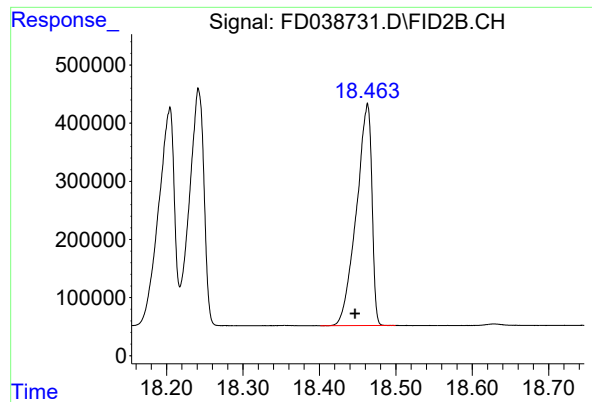
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.204 min
Delta R.T.: 0.014 min
Response: 5397959
Conc: 50.68 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.012 min
Response: 5350681
Conc: 48.79 ug/ml



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

R.T.: 18.463 min
Delta R.T.: 0.016 min
Response: 5369468
Conc: 49.97 ug/ml

Instrument :
FID_D
ClientSampleId :