

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092222AR\
 Data File : FD043942.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2022 10:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 22 13:17:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.424	2392344	18.182 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
6) S 2-Fluorobiphenyl (SURR)	8.280	1445929	20.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.09%
11) S ortho-Terphenyl (SURR)	11.312	3044502	16.343 ug/ml
Spiked Amount 50.000		Recovery =	32.69%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.810	2710429	18.528 ug/ml
5) T Acenaphthylene (C15.06)	8.081	2113247	13.695 ug/ml
7) T Acenaphthene (C15.5)	8.373	2867573	16.386 ug/ml
8) T Flouorene (C16.55)	9.153	2593291	17.643 ug/ml
9) T Phenanthrene (C19.36)	10.546	2471670	17.080 ug/ml
10) T Anthracene (C19.43)	10.621	2306957	15.719 ug/ml
12) T Fluoranthene (C21.85)	12.351	2476661	16.148 ug/ml
13) T Pyrene (C20.8)	12.645	2456785	16.515 ug/ml
14) T Benzo[a]anthracene (C...	14.515	2042166	18.268 ug/ml
15) T Chrysene (C27.41)	14.557	2471831	15.816 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2212220	18.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	2455805	16.541 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2256184	18.626 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.803	2115778	22.253 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	2404577	20.016 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	2333350	20.476 ug/ml

(f)=RT Delta > 1/2 Window

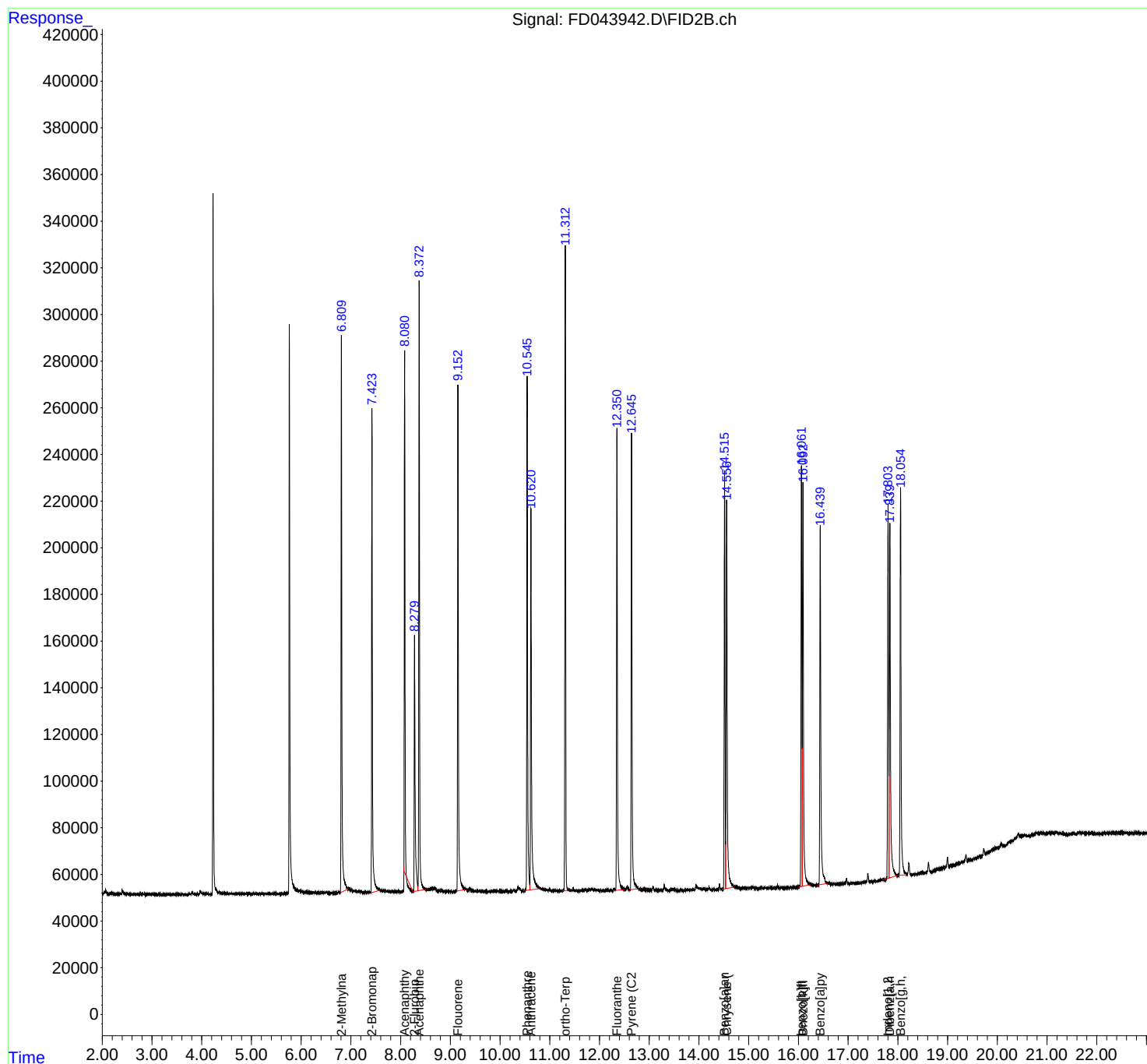
(m)=manual int.

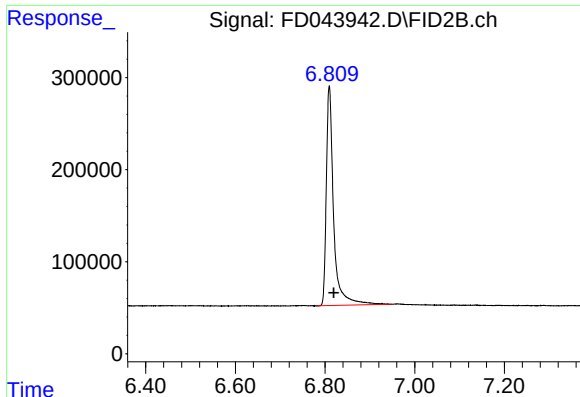
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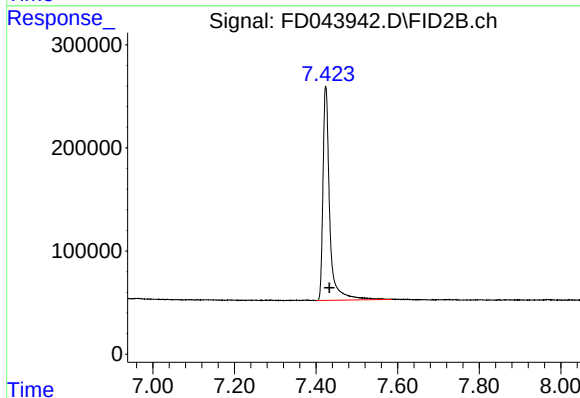




#3 2-Methylnaphthalene (C12.89)

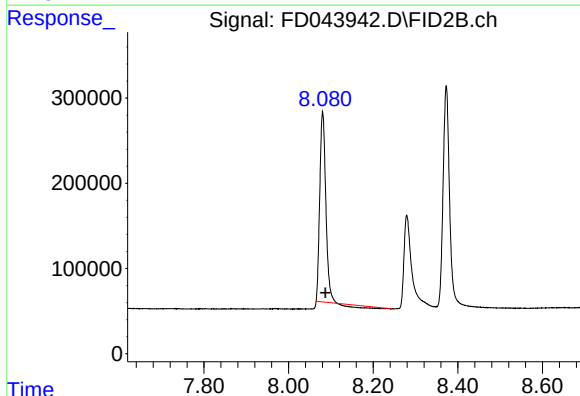
R.T.: 6.810 min
Delta R.T.: -0.009 min
Response: 2710429
Conc: 18.53 ug/ml

Instrument :
FID_D
ClientSampleId :



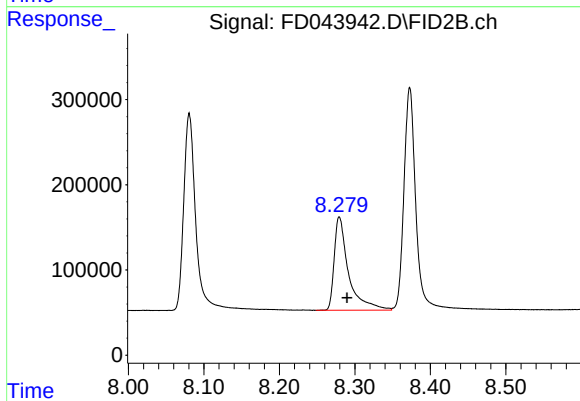
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min
Delta R.T.: -0.009 min
Response: 2392344
Conc: 18.18 ug/ml



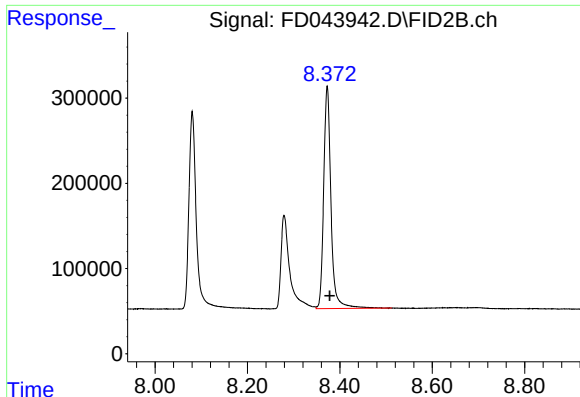
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.007 min
Response: 2113247
Conc: 13.70 ug/ml



#6 2-Fluorobiphenyl (SURR)

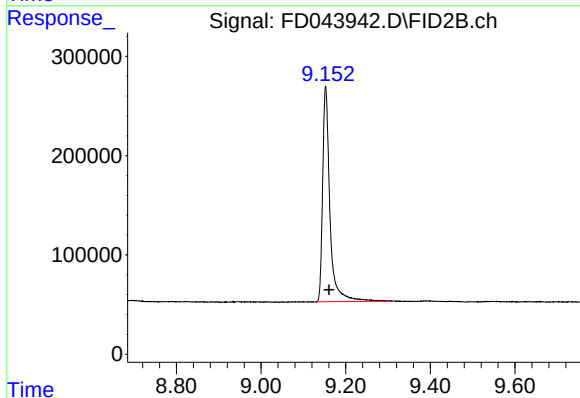
R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 1445929
Conc: 20.04 ug/ml



#7 Acenaphthene (C15.5)

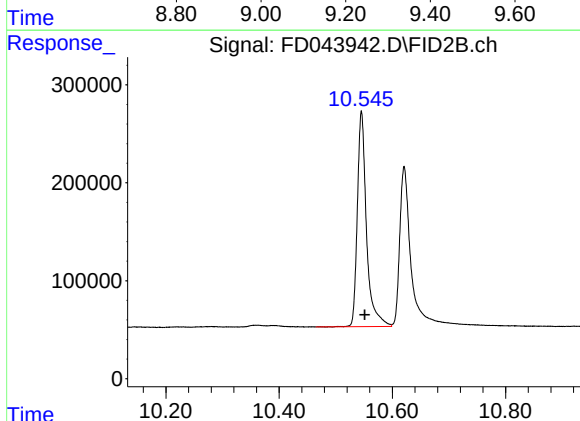
R.T.: 8.373 min
Delta R.T.: -0.006 min
Response: 2867573
Conc: 16.39 ug/ml

Instrument :
FID_D
ClientSampleId :



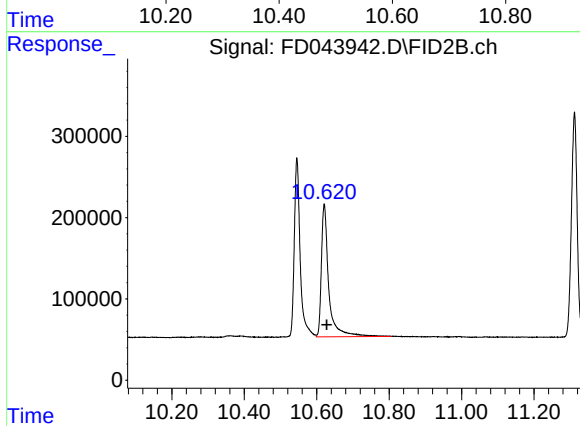
#8 Flouorene (C16.55)

R.T.: 9.153 min
Delta R.T.: -0.008 min
Response: 2593291
Conc: 17.64 ug/ml



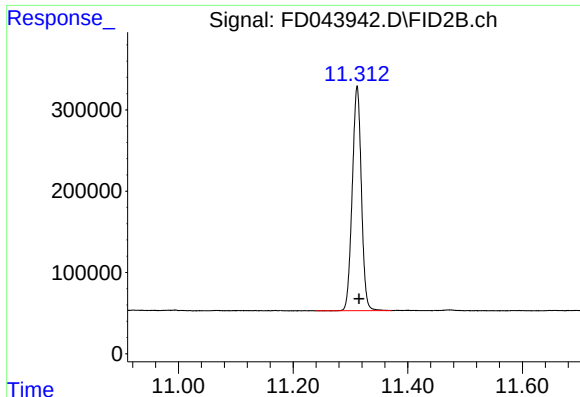
#9 Phenanthrene (C19.36)

R.T.: 10.546 min
Delta R.T.: -0.006 min
Response: 2471670
Conc: 17.08 ug/ml



#10 Anthracene (C19.43)

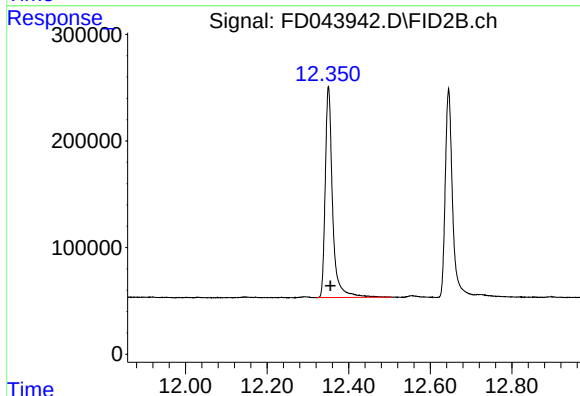
R.T.: 10.621 min
Delta R.T.: -0.007 min
Response: 2306957
Conc: 15.72 ug/ml



#11 ortho-Terphenyl (SURR)

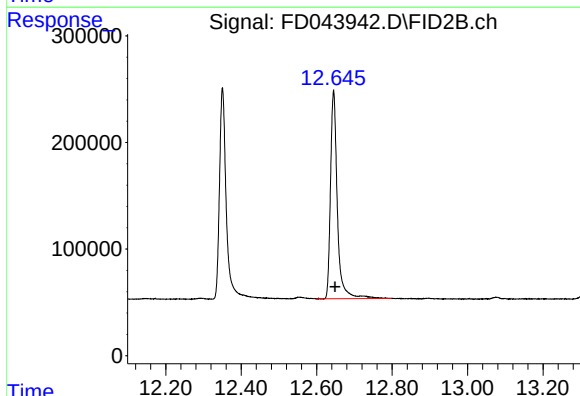
R.T.: 11.312 min
Delta R.T.: -0.003 min
Response: 3044502
Conc: 16.34 ug/ml

Instrument :
FID_D
ClientSampleId :



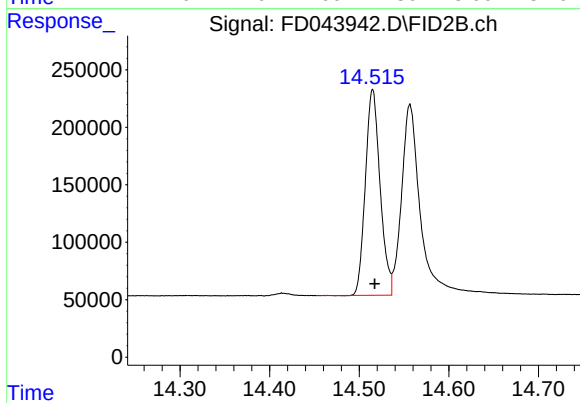
#12 Fluoranthene (C21.85)

R.T.: 12.351 min
Delta R.T.: -0.005 min
Response: 2476661
Conc: 16.15 ug/ml



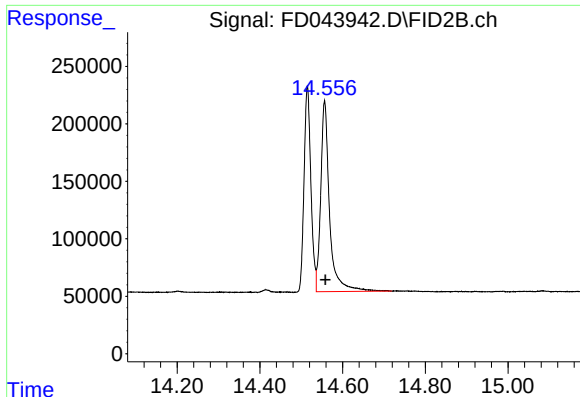
#13 Pyrene (C20.8)

R.T.: 12.645 min
Delta R.T.: -0.004 min
Response: 2456785
Conc: 16.52 ug/ml



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

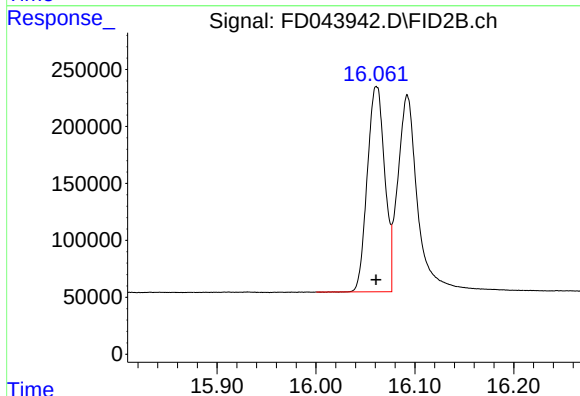
R.T.: 14.515 min
Delta R.T.: -0.002 min
Response: 2042166
Conc: 18.27 ug/ml



#15 Chrysene (C27.41)

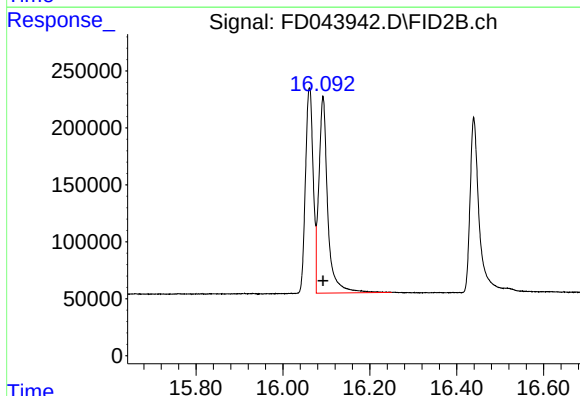
R.T.: 14.557 min
Delta R.T.: -0.002 min
Response: 2471831
Conc: 15.82 ug/ml

Instrument :
FID_D
ClientSampleId :



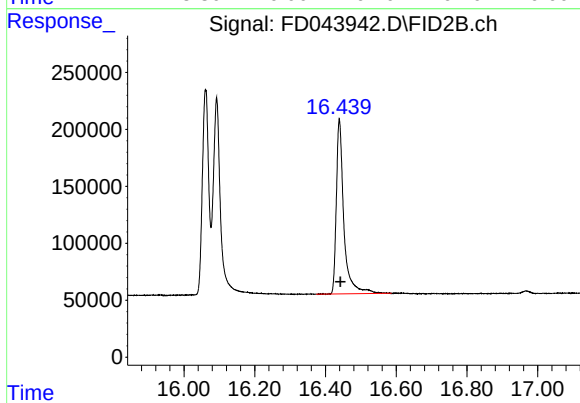
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.061 min
Delta R.T.: 0.000 min
Response: 2212220
Conc: 18.97 ug/ml



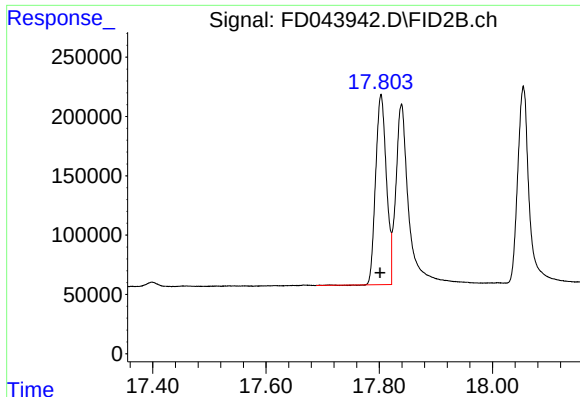
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.092 min
Delta R.T.: 0.000 min
Response: 2455805
Conc: 16.54 ug/ml



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

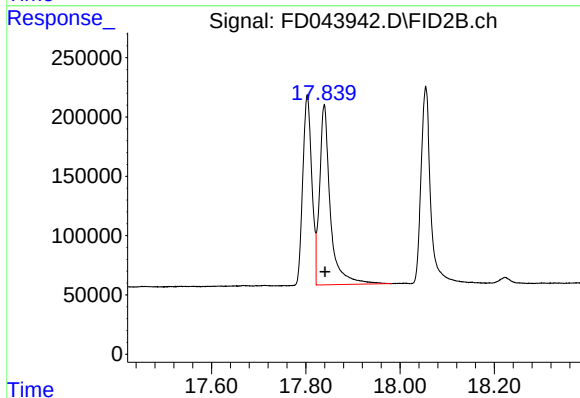
R.T.: 16.439 min
Delta R.T.: -0.002 min
Response: 2256184
Conc: 18.63 ug/ml



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

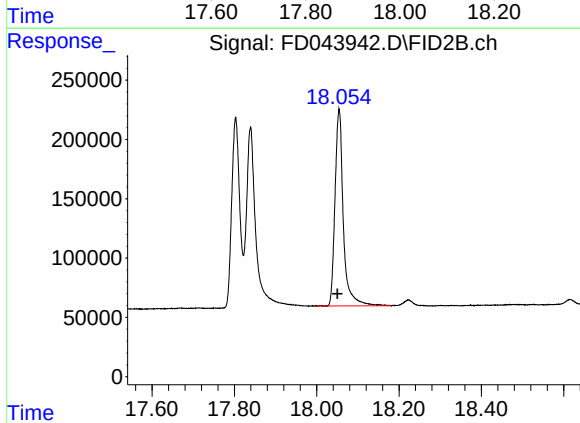
R.T.: 17.803 min
Delta R.T.: 0.002 min
Response: 2115778
Conc: 22.25 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.839 min
Delta R.T.: -0.002 min
Response: 2404577
Conc: 20.02 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.004 min
Response: 2333350
Conc: 20.48 ug/ml