

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092822AR\
 Data File : FD043989.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 18:26
 Operator : YP/AJ
 Sample : PB147963BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147963BS

Integration File: autoint1.e
 Quant Time: Sep 29 03:43:27 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...	7.420	6031353	45.838 ug/ml
Spiked Amount 50.000		Recovery =	91.68%
6) S 2-Fluorobiphenyl (SURR)	8.273	3984285	55.231 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.46%
11) S ortho-Terphenyl (SURR)	11.307	6316518	33.906 ug/ml
Spiked Amount 50.000		Recovery =	67.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185f	544032	3.620 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	5283344	36.115 ug/ml
7) T Acenaphthene (C15.5)	8.369	5991823	34.238 ug/ml
8) T Flouorene (C16.55)	9.149	5298475	36.048 ug/ml
9) T Phenanthrene (C19.36)	10.540	5877549	40.616 ug/ml
10) T Anthracene (C19.43)	10.615	5952293	40.559 ug/ml
12) T Fluoranthene (C21.85)	12.345	5778273	37.674 ug/ml
13) T Pyrene (C20.8)	12.640	5672622	38.133 ug/ml
14) T Benzo[a]anthracene (C...	14.508	5124072	45.837 ug/ml
15) T Chrysene (C27.41)	14.551	6081932	38.916 ug/ml
16) T benzo[b]fluoranthene ...	16.055	5017777	43.028 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	5123592	34.511 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	4361727	36.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	4757136	50.033 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	5123877	42.652 ug/ml
21) T Benzo[g,h,i]perylene ...	18.049	5009894	43.963 ug/ml

(f)=RT Delta > 1/2 Window

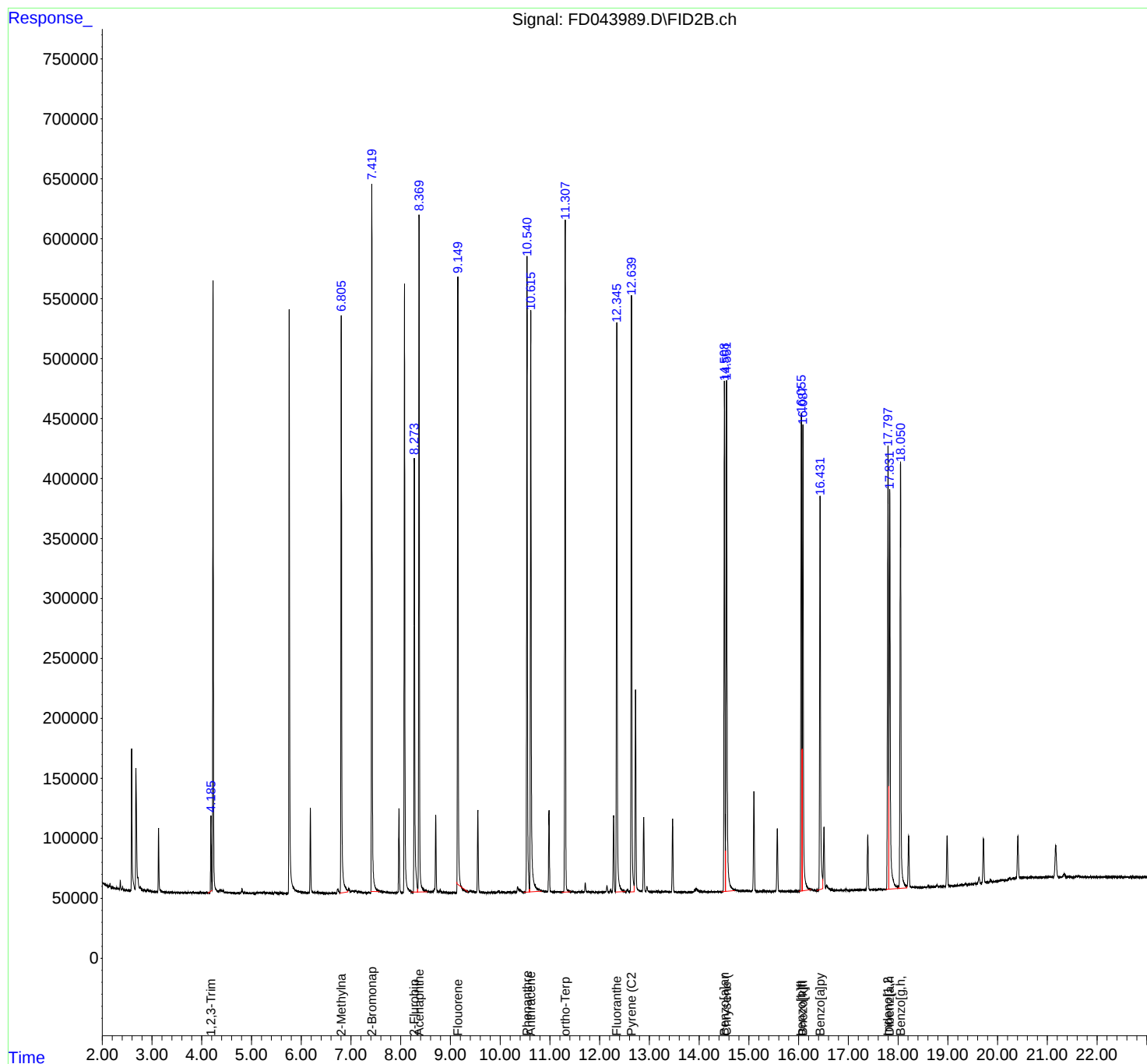
(m)=manual int.

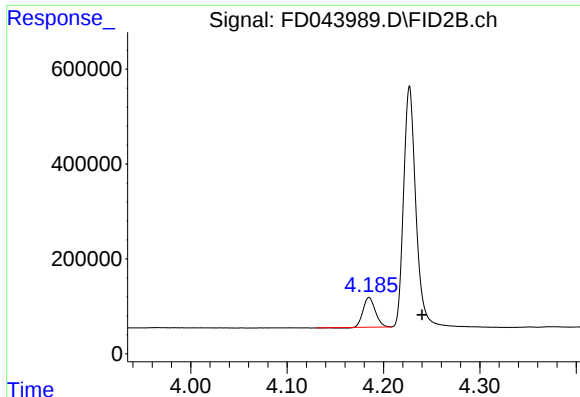
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Signal Info : 20M x 0.18mm x 0.18µm

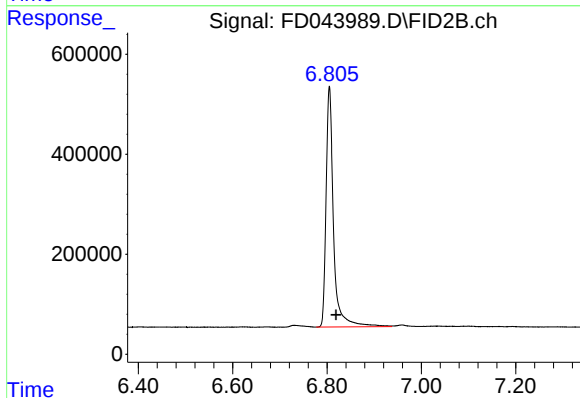




#1 1,2,3-Trimethylbenzene (C10.1)

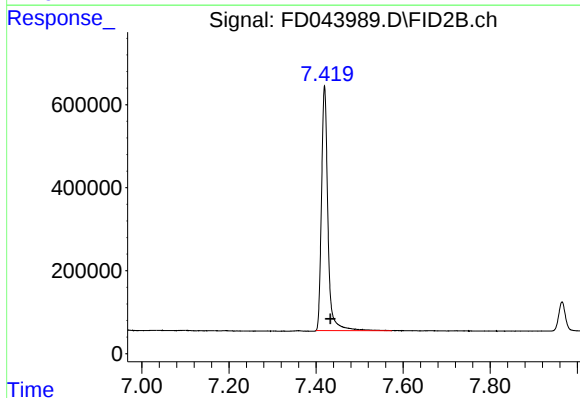
R.T.: 4.185 min
Delta R.T.: -0.055 min
Response: 544032
Conc: 3.62 ug/ml

Instrument :
FID_D
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PB147963BS



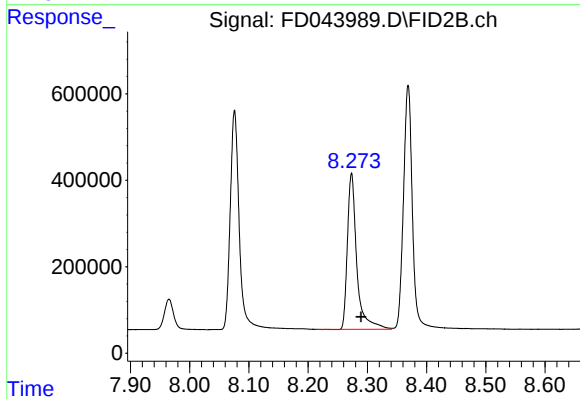
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.014 min
Response: 5283344
Conc: 36.12 ug/ml



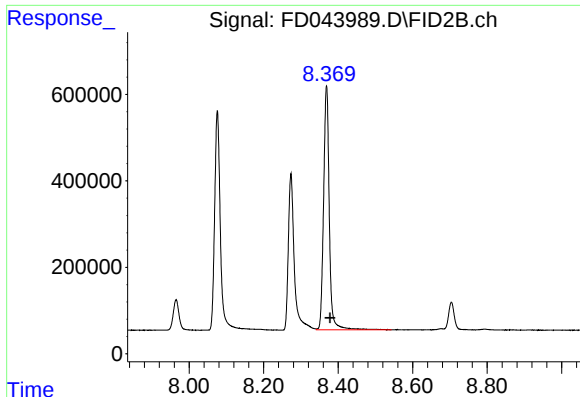
#4 2-Bromonaphthalene (SURR)

R.T.: 7.420 min
Delta R.T.: -0.013 min
Response: 6031353
Conc: 45.84 ug/ml



#6 2-Fluorobiphenyl (SURR)

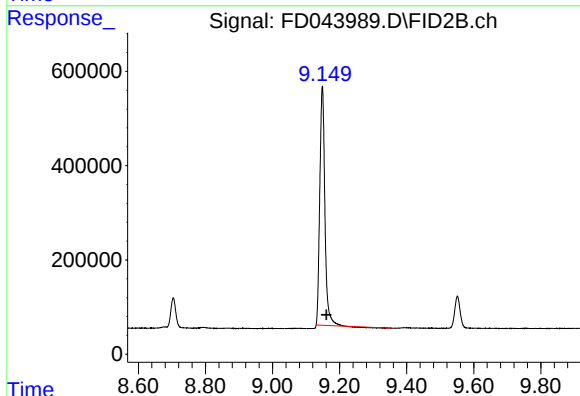
R.T.: 8.273 min
Delta R.T.: -0.016 min
Response: 3984285
Conc: 55.23 ug/ml



#7 Acenaphthene (C15.5)

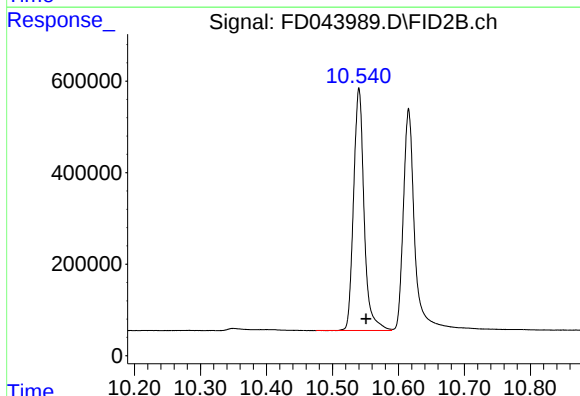
R.T.: 8.369 min
Delta R.T.: -0.009 min
Response: 5991823
Conc: 34.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB147963BS



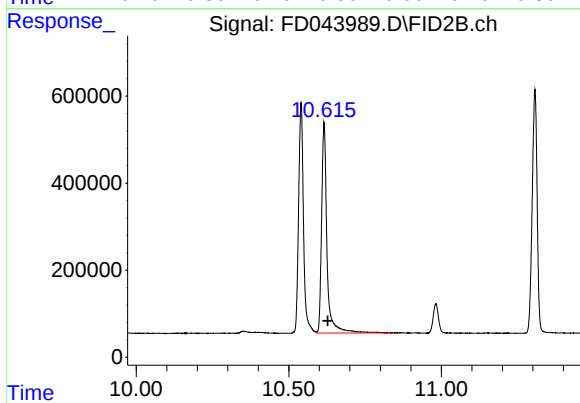
#8 Flouorene (C16.55)

R.T.: 9.149 min
Delta R.T.: -0.012 min
Response: 5298475
Conc: 36.05 ug/ml



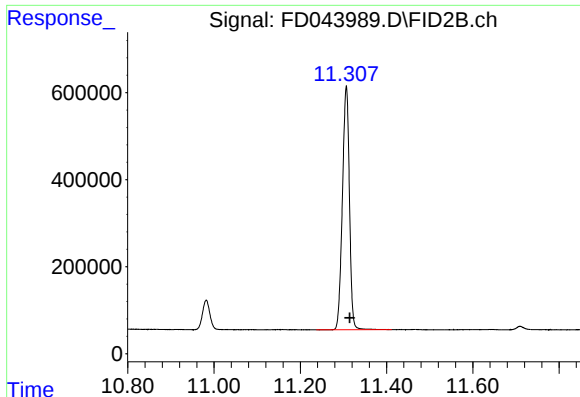
#9 Phenanthrene (C19.36)

R.T.: 10.540 min
Delta R.T.: -0.011 min
Response: 5877549
Conc: 40.62 ug/ml



#10 Anthracene (C19.43)

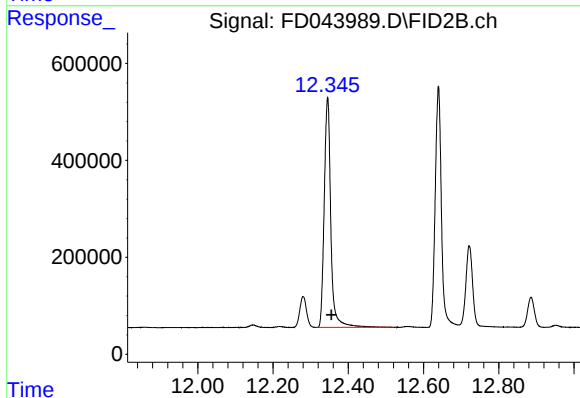
R.T.: 10.615 min
Delta R.T.: -0.012 min
Response: 5952293
Conc: 40.56 ug/ml



#11 ortho-Terphenyl (SURR)

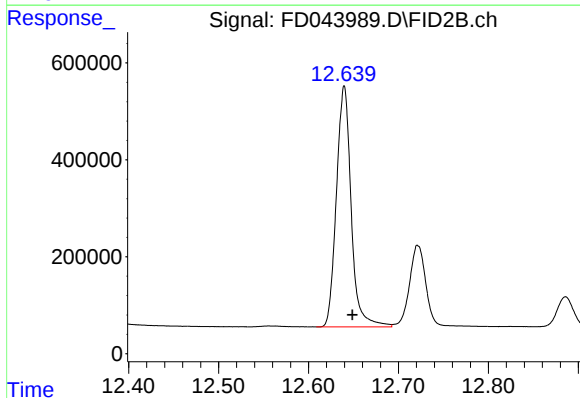
R.T.: 11.307 min
Delta R.T.: -0.008 min
Response: 6316518
Conc: 33.91 ug/ml

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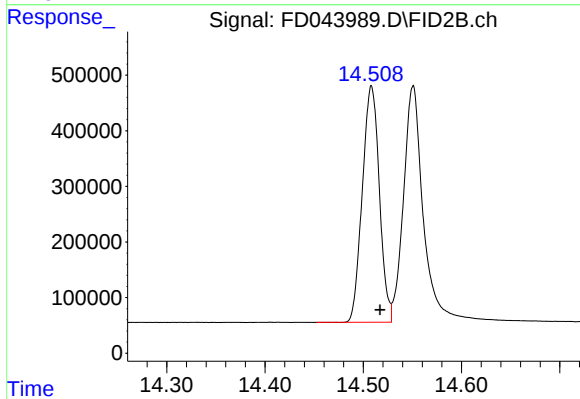
#12 Fluoranthene (C21.85)

R.T.: 12.345 min
Delta R.T.: -0.010 min
Response: 5778273
Conc: 37.67 ug/ml



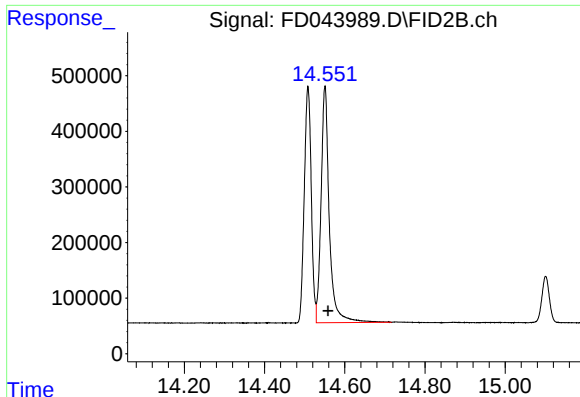
#13 Pyrene (C20.8)

R.T.: 12.640 min
Delta R.T.: -0.009 min
Response: 5672622
Conc: 38.13 ug/ml



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

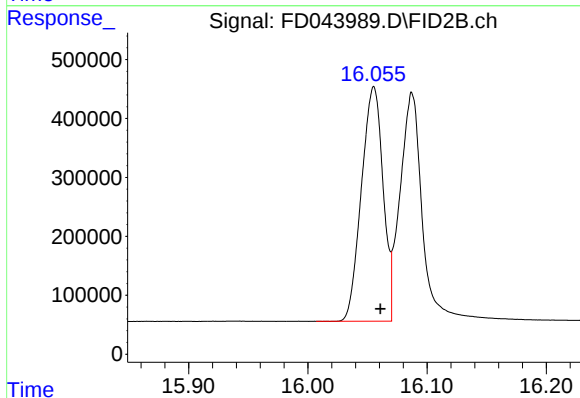
R.T.: 14.508 min
Delta R.T.: -0.009 min
Response: 5124072
Conc: 45.84 ug/ml



#15 Chrysene (C27.41)

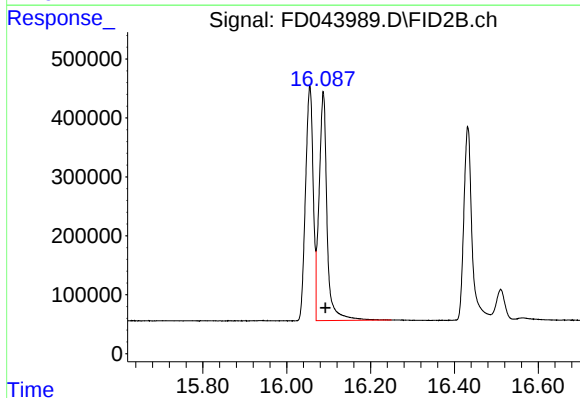
R.T.: 14.551 min
Delta R.T.: -0.008 min
Response: 6081932
Conc: 38.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB147963BS



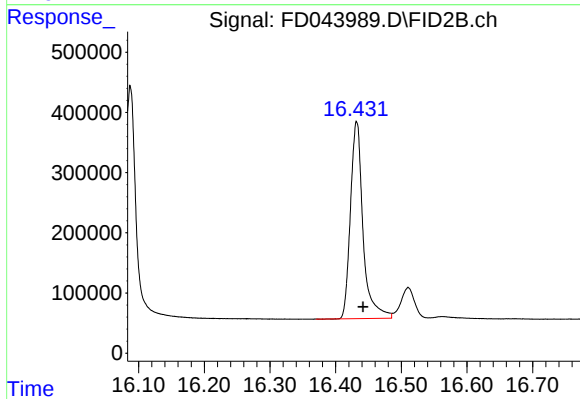
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.055 min
Delta R.T.: -0.006 min
Response: 5017777
Conc: 43.03 ug/ml



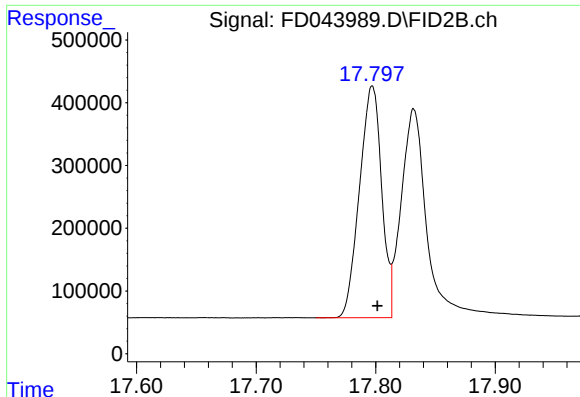
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min
Delta R.T.: -0.005 min
Response: 5123592
Conc: 34.51 ug/ml



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

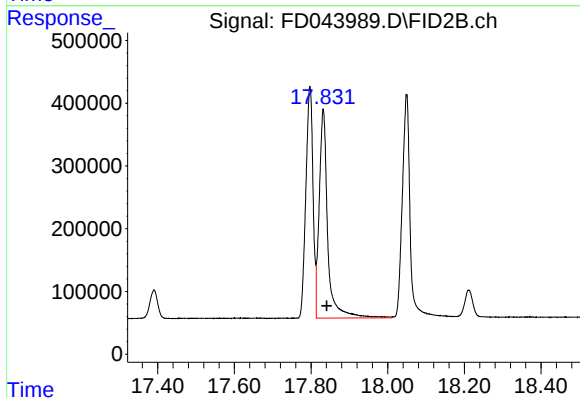
R.T.: 16.432 min
Delta R.T.: -0.010 min
Response: 4361727
Conc: 36.01 ug/ml



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

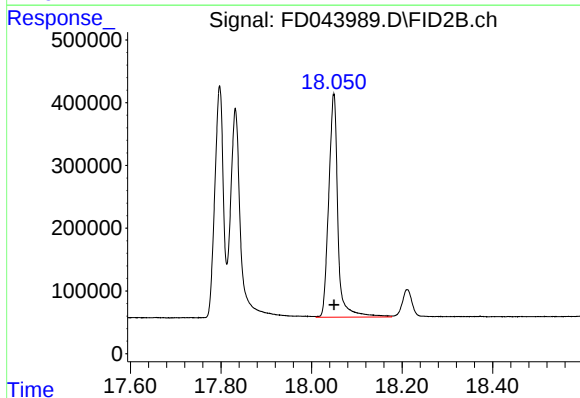
R.T.: 17.797 min
Delta R.T.: -0.004 min
Response: 4757136
Conc: 50.03 ug/ml

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

R.T.: 17.832 min
Delta R.T.: -0.009 min
Response: 5123877
Conc: 42.65 ug/ml



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

R.T.: 18.049 min
Delta R.T.: -0.001 min
Response: 5009894
Conc: 43.96 ug/ml