

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092722AR\
 Data File : FD043981.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 06:53
 Operator : YP/AJ
 Sample : PB147947BSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147947BSD

Integration File: autoint1.e
 Quant Time: Sep 28 07:43:38 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...	7.422	5974472	45.406 ug/ml
Spiked Amount 50.000		Recovery =	90.81%
6) S 2-Fluorobiphenyl (SURR)	8.276	3822154	52.984 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.97%
11) S ortho-Terphenyl (SURR)	11.308	6125916	32.883 ug/ml
Spiked Amount 50.000		Recovery =	65.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.233	3869751	25.749 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	5193678	35.502 ug/ml
5) T Acenaphthylene (C15.06)	8.078	2296264	14.881 ug/ml
7) T Acenaphthene (C15.5)	8.371	5752287	32.869 ug/ml
8) T Flouorene (C16.55)	9.151	5513387	37.510 ug/ml
9) T Phenanthrene (C19.36)	10.542	5686658	39.297 ug/ml
10) T Anthracene (C19.43)	10.617	5777480	39.367 ug/ml
12) T Fluoranthene (C21.85)	12.347	5584015	36.407 ug/ml
13) T Pyrene (C20.8)	12.642	5475437	36.808 ug/ml
14) T Benzo[a]anthracene (C...	14.510	4963326	44.399 ug/ml
15) T Chrysene (C27.41)	14.552	5749319	36.788 ug/ml
16) T benzo[b]fluoranthene ...	16.056	4899585	42.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	4956151	33.383 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	4342074	35.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.799	4736048	49.811 ug/ml
20) T Dibenz[a,h]anthracene...	17.833	5022038	41.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.052	4887915	42.892 ug/ml

(f)=RT Delta > 1/2 Window

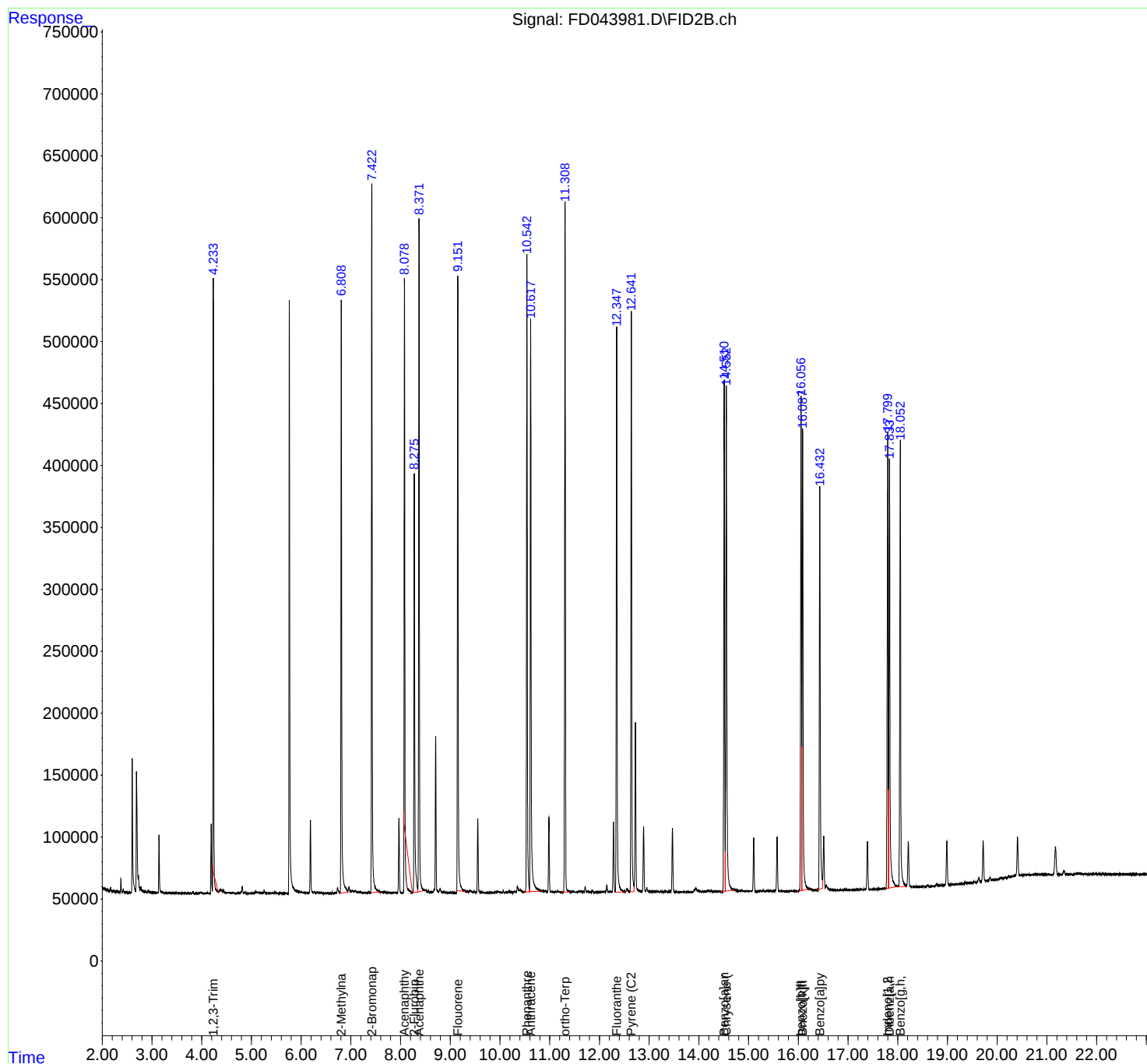
(m)=manual int.

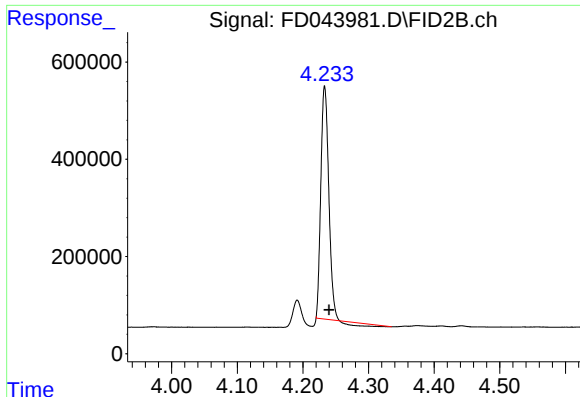
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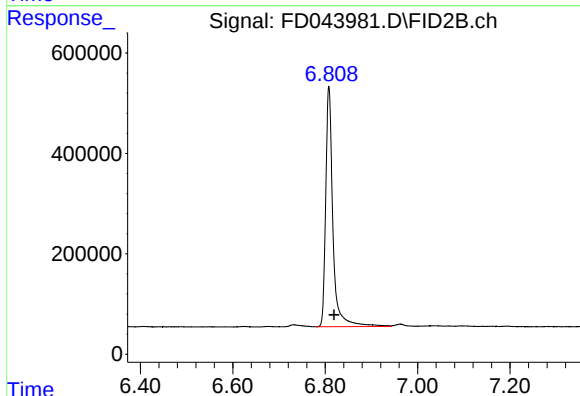




#1 1,2,3-Trimethylbenzene (C10.1)

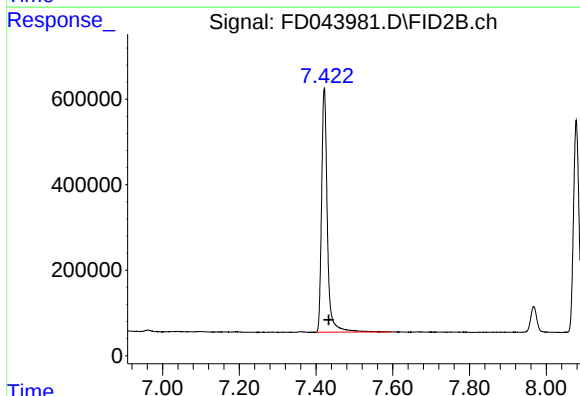
R.T.: 4.233 min
Delta R.T.: -0.007 min
Response: 3869751
Conc: 25.75 ug/ml

Instrument :
FID_D
ClientSampleId :
PB147947BSD



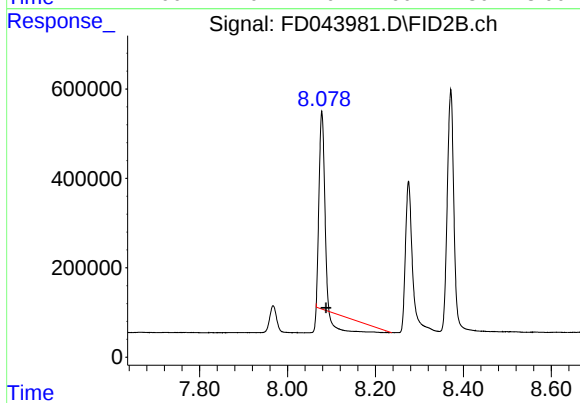
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.011 min
Response: 5193678
Conc: 35.50 ug/ml



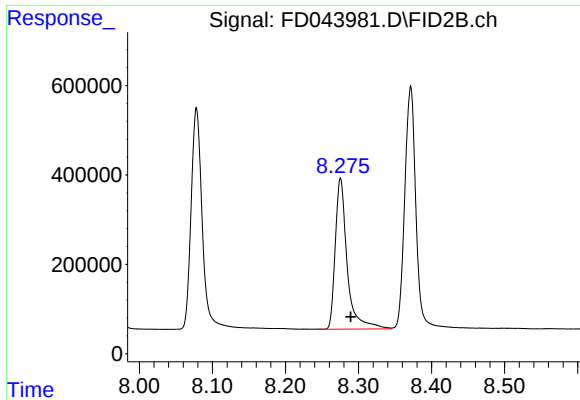
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.011 min
Response: 5974472
Conc: 45.41 ug/ml



#5 Acenaphthylene (C15.06)

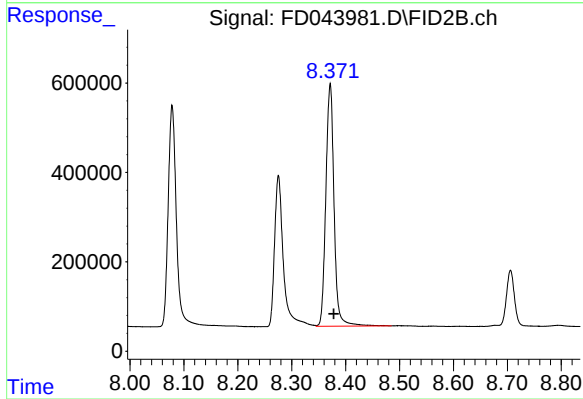
R.T.: 8.078 min
Delta R.T.: -0.009 min
Response: 2296264
Conc: 14.88 ug/ml



#6 2-Fluorobiphenyl (SURR)

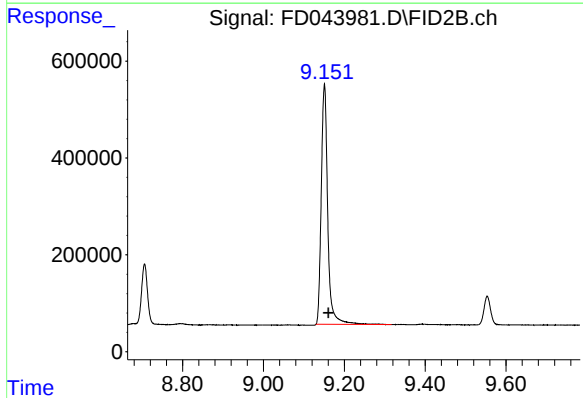
R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 3822154
Conc: 52.98 ug/ml

Instrument :
FID_D
ClientSampleId :
PB147947BSD



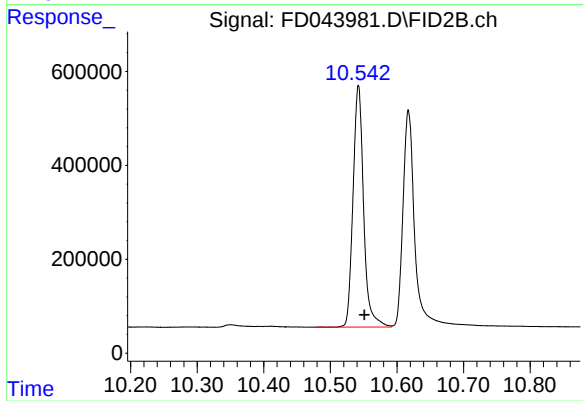
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: -0.007 min
Response: 5752287
Conc: 32.87 ug/ml



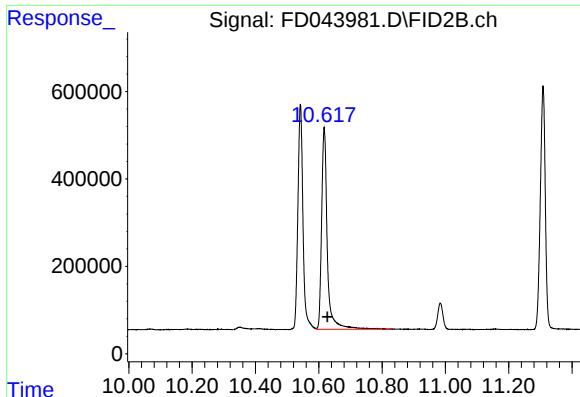
#8 Flouorene (C16.55)

R.T.: 9.151 min
Delta R.T.: -0.010 min
Response: 5513387
Conc: 37.51 ug/ml



#9 Phenanthrene (C19.36)

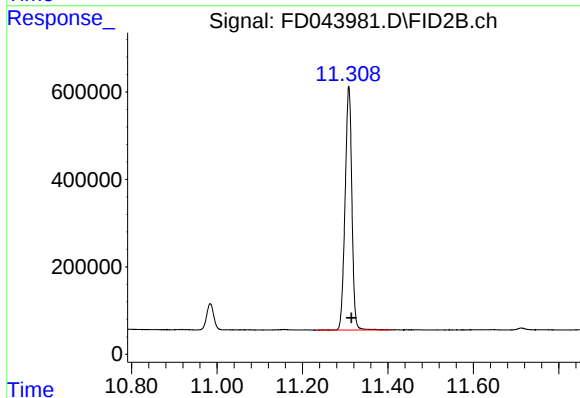
R.T.: 10.542 min
Delta R.T.: -0.009 min
Response: 5686658
Conc: 39.30 ug/ml



#10 Anthracene (C19.43)

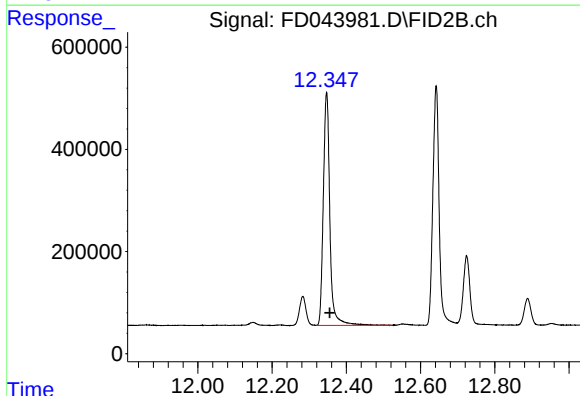
R.T.: 10.617 min
Delta R.T.: -0.010 min
Response: 5777480
Conc: 39.37 ug/ml

Instrument :
FID_D
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PB147947BSD



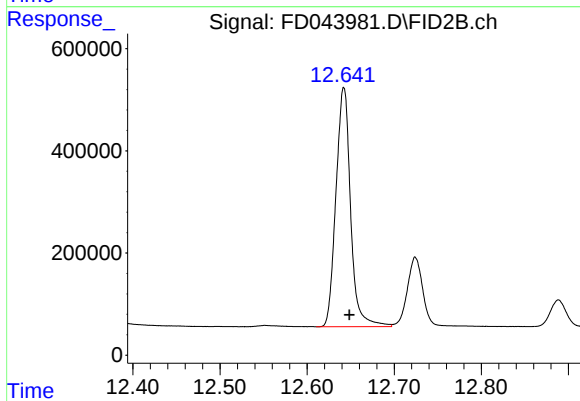
#11 ortho-Terphenyl (SURRE)

R.T.: 11.308 min
Delta R.T.: -0.006 min
Response: 6125916
Conc: 32.88 ug/ml



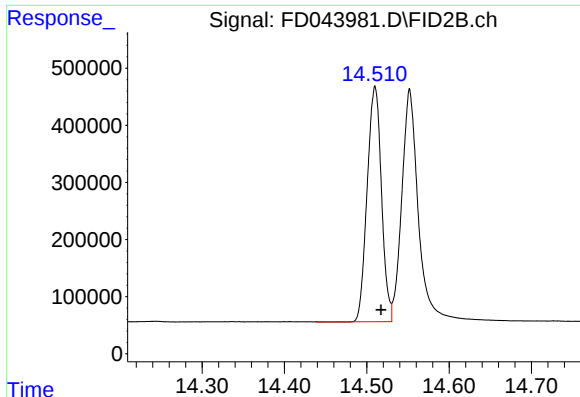
#12 Fluoranthene (C21.85)

R.T.: 12.347 min
Delta R.T.: -0.008 min
Response: 5584015
Conc: 36.41 ug/ml



#13 Pyrene (C20.8)

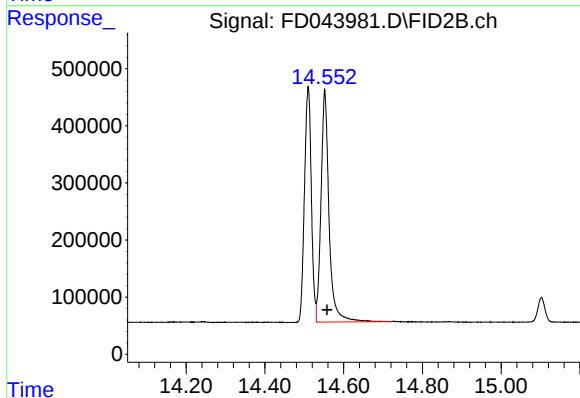
R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 5475437
Conc: 36.81 ug/ml



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

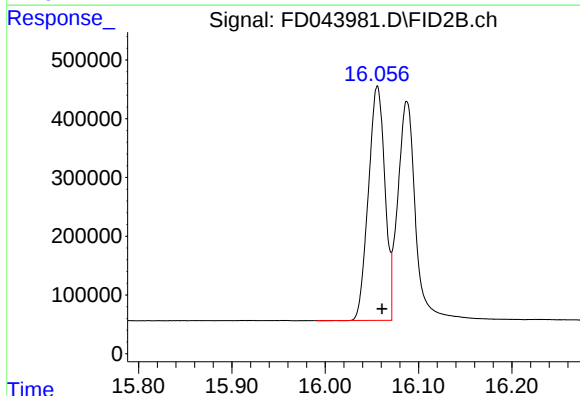
R.T.: 14.510 min
Delta R.T.: -0.007 min
Response: 4963326
Conc: 44.40 ug/ml

Instrument :
FID_D
ClientSampleId :
PB147947BSD



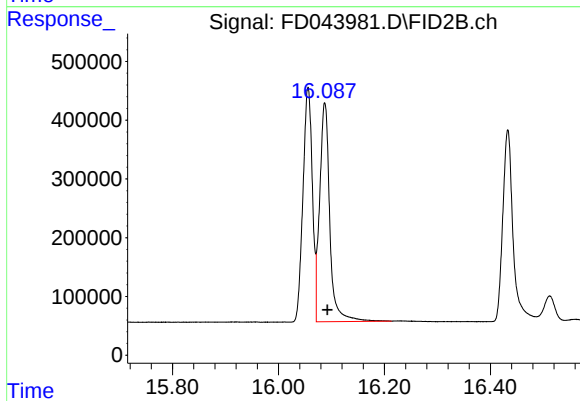
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: -0.006 min
Response: 5749319
Conc: 36.79 ug/ml



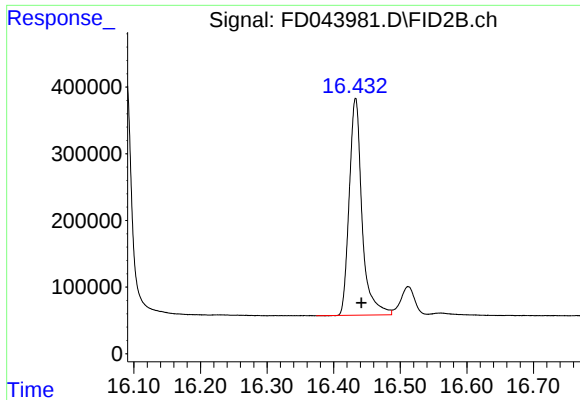
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.056 min
Delta R.T.: -0.005 min
Response: 4899585
Conc: 42.01 ug/ml



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

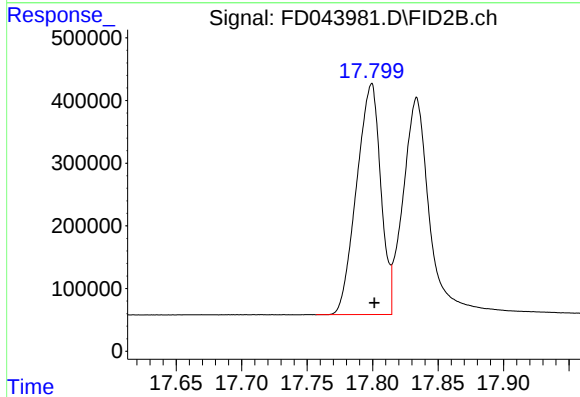
R.T.: 16.087 min
Delta R.T.: -0.005 min
Response: 4956151
Conc: 33.38 ug/ml



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

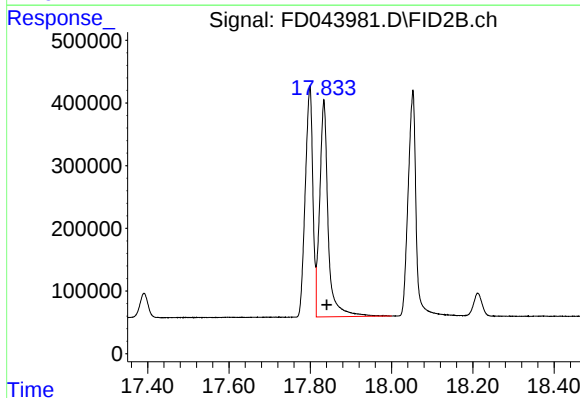
R.T.: 16.433 min
Delta R.T.: -0.009 min
Response: 4342074
Conc: 35.85 ug/ml

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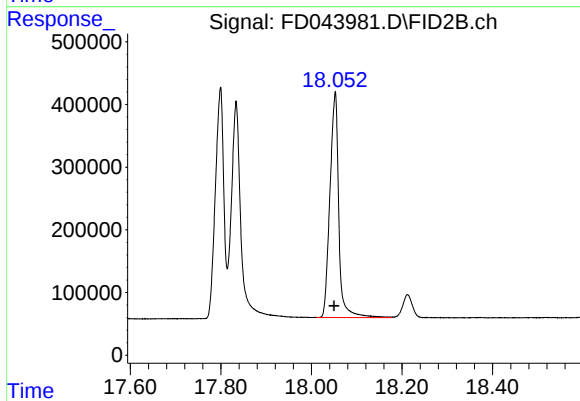
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: -0.003 min
Response: 4736048
Conc: 49.81 ug/ml



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

R.T.: 17.833 min
Delta R.T.: -0.007 min
Response: 5022038
Conc: 41.80 ug/ml



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

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 4887915
Conc: 42.89 ug/ml