

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045833.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 17:32
 Operator : YP/AJ
 Sample : PB153418BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153418BSD

Integration File: autoint1.e
 Quant Time: Jun 15 02:54:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.525	7165010	39.742 ug/ml
Spiked Amount 50.000		Recovery =	79.48%
6) S 2-Fluorobiphenyl (SURR)	8.381	4761624	39.605 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.21%
11) S ortho-Terphenyl (SURR)	11.421	7038336	31.510 ug/ml
Spiked Amount 50.000		Recovery =	63.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	5596709	27.723 ug/ml
2) T Naphthalene (C11.7)	5.863	6238577	29.442 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	6128708	29.018 ug/ml
5) T Acenaphthylene (C15.06)	8.184	6485531	34.231 ug/ml
7) T Acenaphthene (C15.5)	8.480	6727022	33.272 ug/ml
8) T Fluorene (C16.55)	9.258	6542761	33.022 ug/ml
9) T Phenanthrene (C19.36)	10.649	6541496	34.193 ug/ml
10) T Anthracene (C19.43)	10.724	6471874	37.992 ug/ml
12) T Fluoranthene (C21.85)	12.454	6565805	35.539 ug/ml
13) T Pyrene (C20.8)	12.748	6533758	36.584 ug/ml
14) T Benzo[a]anthracene (C...	14.613	5783840	36.941 ug/ml
15) T Chrysene (C27.41)	14.656	5810343	35.218 ug/ml
16) T benzo[b]fluoranthene ...	16.155	5657245	37.379 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	5516848	35.634 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	5038559	34.454 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	5127488	35.008 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	5320265	35.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.143	5367115	36.374 ug/ml

(f)=RT Delta > 1/2 Window

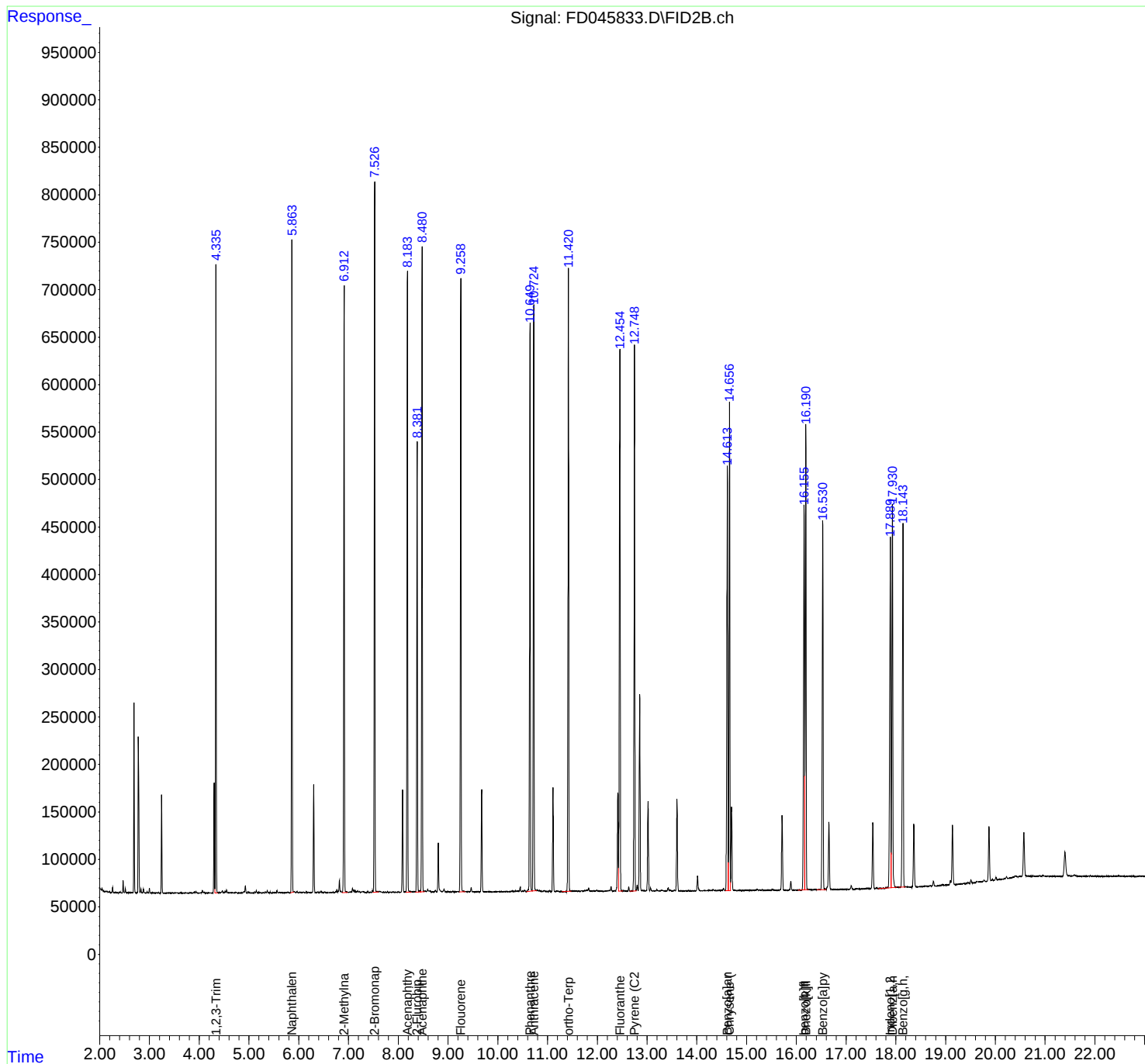
(m)=manual int.

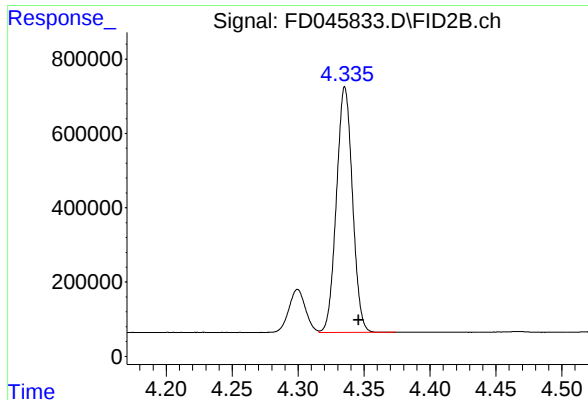
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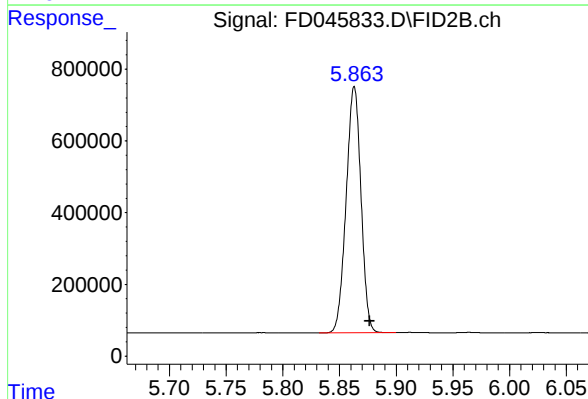




#1 1,2,3-Trimethylbenzene (C10.1)

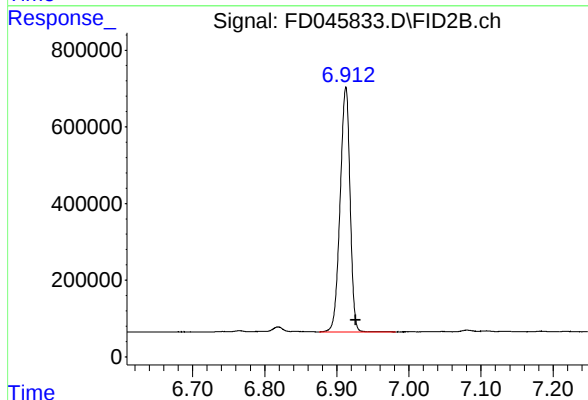
R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 5596709
Conc: 27.72 ug/ml

Instrument :
FID_D
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PB153418BSD



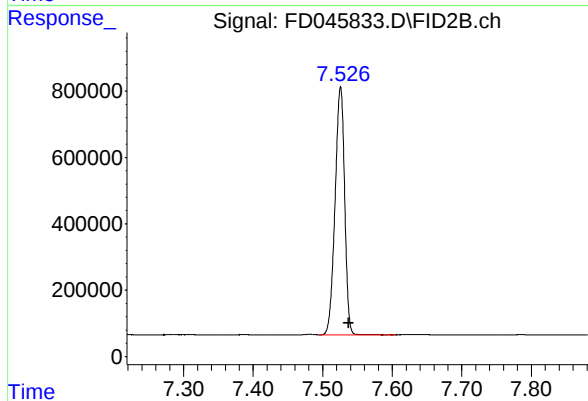
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 6238577
Conc: 29.44 ug/ml



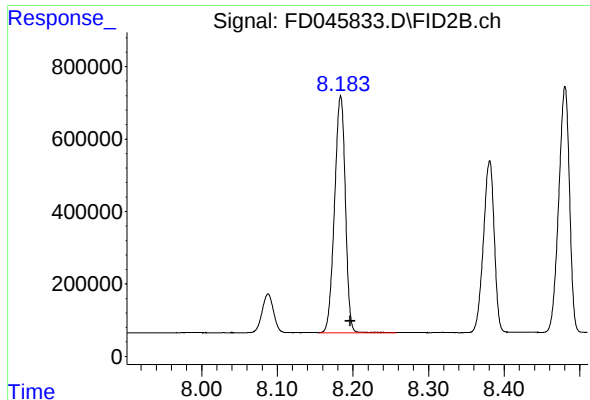
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 6128708
Conc: 29.02 ug/ml



#4 2-Bromonaphthalene (SURR)

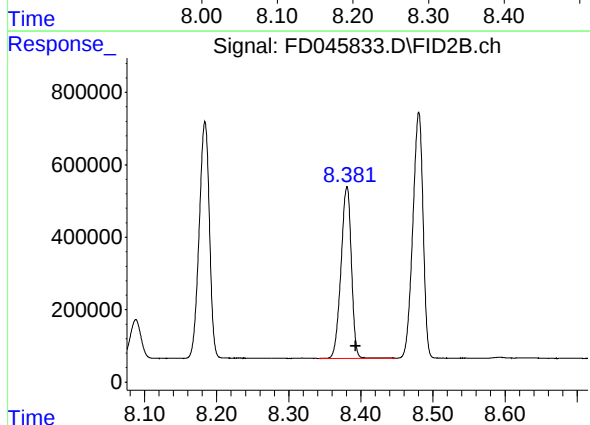
R.T.: 7.525 min
Delta R.T.: -0.012 min
Response: 7165010
Conc: 39.74 ug/ml



#5 Acenaphthylene (C15.06)

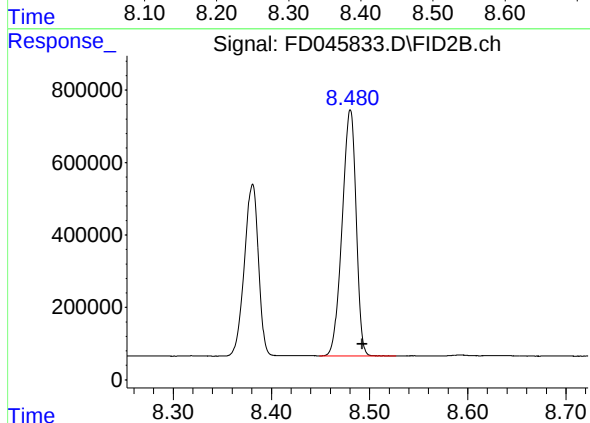
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 6485531
Conc: 34.23 ug/ml

Instrument :
FID_D
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PB153418BSD



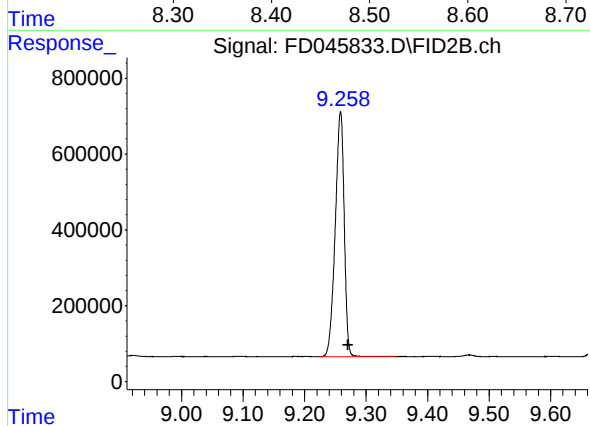
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.381 min
Delta R.T.: -0.012 min
Response: 4761624
Conc: 39.61 ug/ml



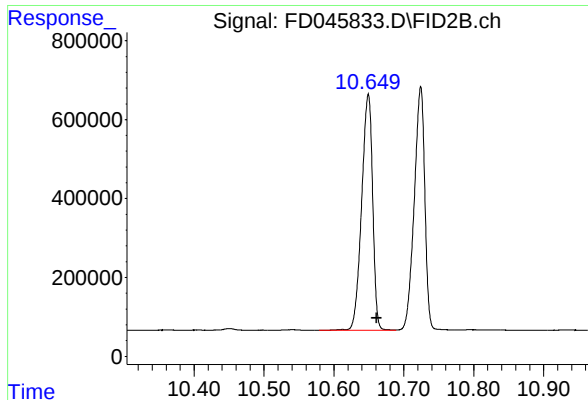
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: -0.012 min
Response: 6727022
Conc: 33.27 ug/ml



#8 Flouorene (C16.55)

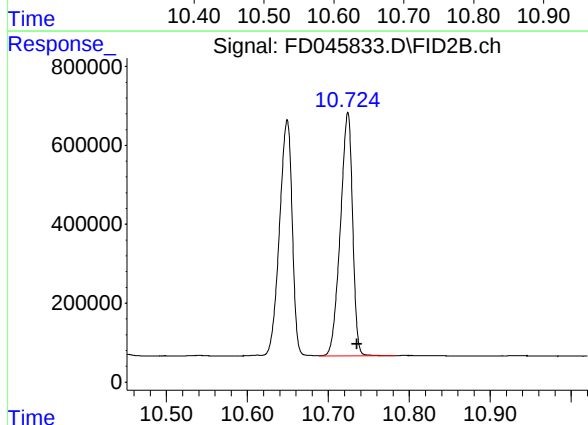
R.T.: 9.258 min
Delta R.T.: -0.012 min
Response: 6542761
Conc: 33.02 ug/ml



#9 Phenanthrene (C19.36)

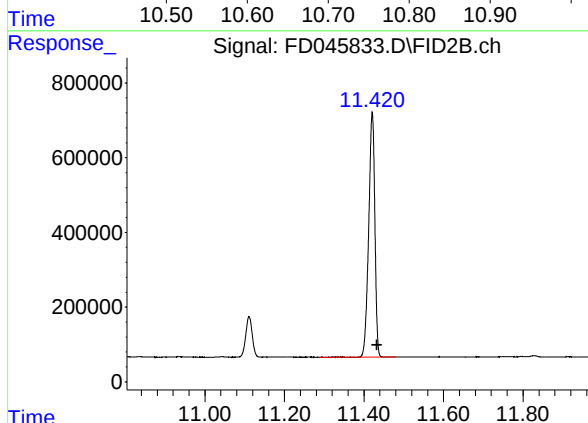
R.T.: 10.649 min
Delta R.T.: -0.012 min
Response: 6541496
Conc: 34.19 ug/ml

Instrument :
FID_D
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PB153418BSD



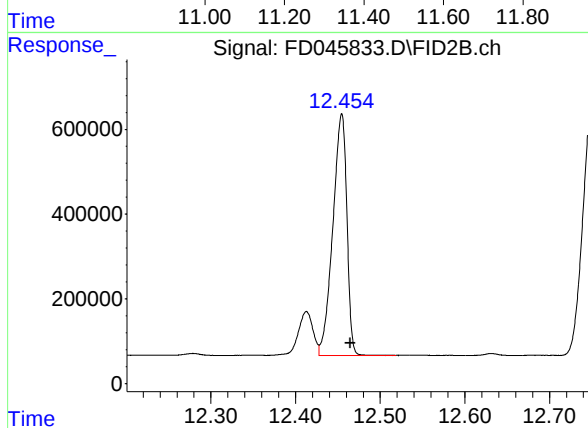
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.012 min
Response: 6471874
Conc: 37.99 ug/ml



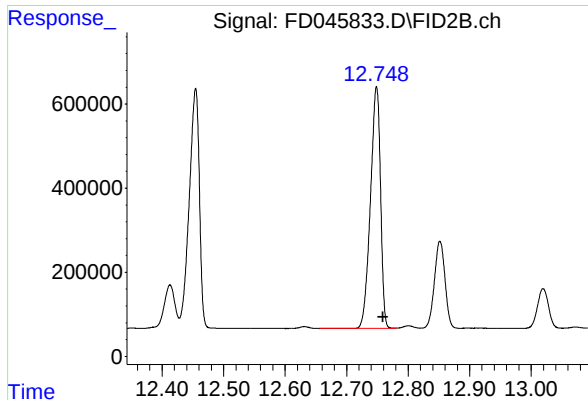
#11 ortho-Terphenyl (SURRE)

R.T.: 11.421 min
Delta R.T.: -0.012 min
Response: 7038336
Conc: 31.51 ug/ml



#12 Fluoranthene (C21.85)

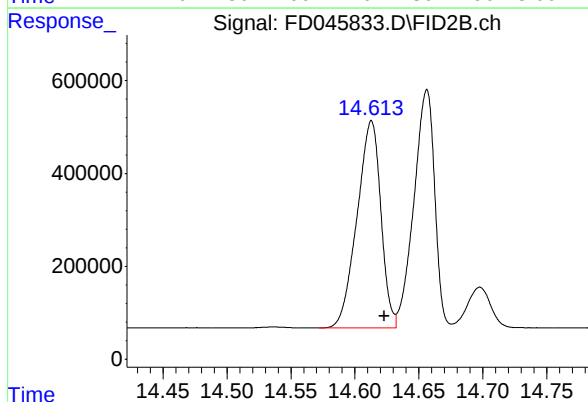
R.T.: 12.454 min
Delta R.T.: -0.011 min
Response: 6565805
Conc: 35.54 ug/ml



#13 Pyrene (C20.8)

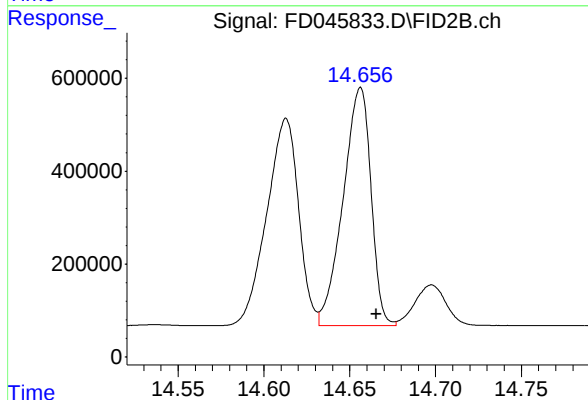
R.T.: 12.748 min
Delta R.T.: -0.011 min
Response: 6533758
Conc: 36.58 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153418BSD



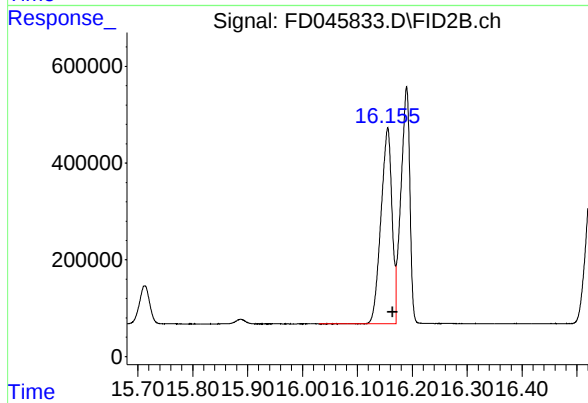
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: -0.010 min
Response: 5783840
Conc: 36.94 ug/ml



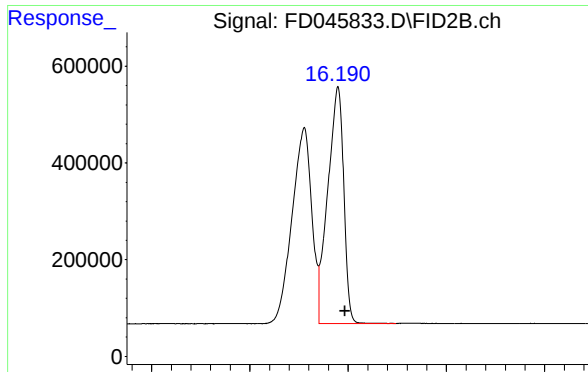
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: -0.010 min
Response: 5810343
Conc: 35.22 ug/ml



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

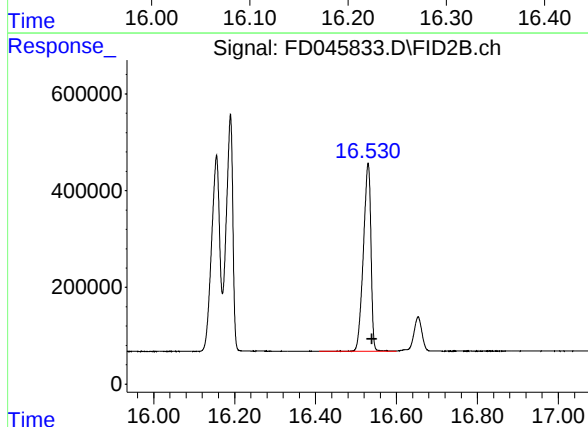
R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 5657245
Conc: 37.38 ug/ml



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

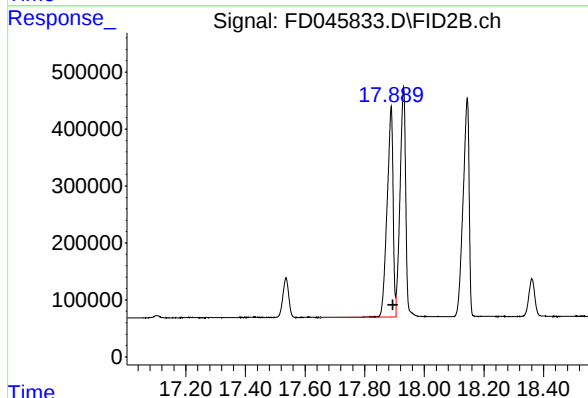
R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 5516848
Conc: 35.63 ug/ml

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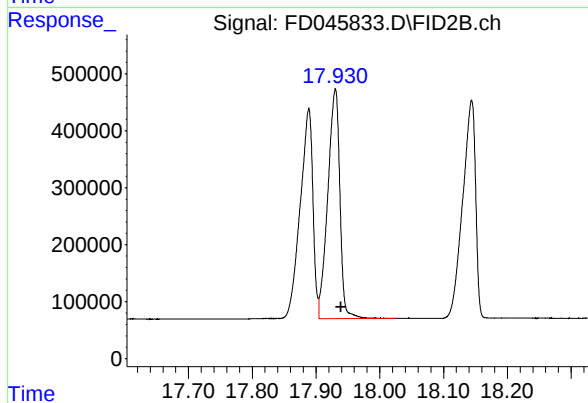
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: -0.010 min
Response: 5038559
Conc: 34.45 ug/ml



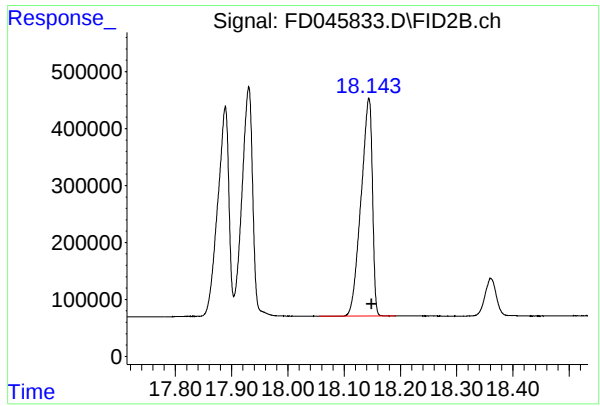
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 5127488
Conc: 35.01 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 5320265
Conc: 35.46 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.006 min
Response: 5367115
Conc: 36.37 ug/ml

Instrument :
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ClientSampleId :
PB153418BSD