

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AR\
 Data File : FD049387.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 09:48
 Operator : YP/AJ
 Sample : PB168132BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168132BSD

Integration File: autoint1.e
 Quant Time: May 24 03:01:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 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...	7.738	7301267	61.578 ug/ml
Spiked Amount 50.000		Recovery =	123.16%
6) S 2-Fluorobiphenyl (SURR)	8.605	5110959	64.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.44%
11) S ortho-Terphenyl (SURR)	11.651	7811632	56.598 ug/ml
Spiked Amount 50.000		Recovery =	113.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	4249130	34.032 ug/ml
2) T Naphthalene (C11.7)	6.073	5135870	38.848 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5096441	39.506 ug/ml
5) T Acenaphthylene (C15.06)	8.408	6091503	43.151 ug/ml
7) T Acenaphthene (C15.5)	8.704	6186992	45.156 ug/ml
8) T Fluorene (C16.55)	9.486	6608755	48.553 ug/ml
9) T Phenanthrene (C19.36)	10.885	6809874	50.510 ug/ml
10) T Anthracene (C19.43)	10.961	6629887	56.058 ug/ml
12) T Fluoranthene (C21.85)	12.701	6709027	49.783 ug/ml
13) T Pyrene (C20.8)	12.999	6618484	48.926 ug/ml
14) T Benzo[a]anthracene (C...	14.871	5989088	52.286 ug/ml
15) T Chrysene (C27.41)	14.916	6810584	58.353 ug/ml
16) T benzo[b]fluoranthene ...	16.424	5735383	47.249 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	5694020	47.743 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.803	5461036	47.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	5622413	51.232 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	5395241	51.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.427	5239137	43.964 ug/ml

(f)=RT Delta > 1/2 Window

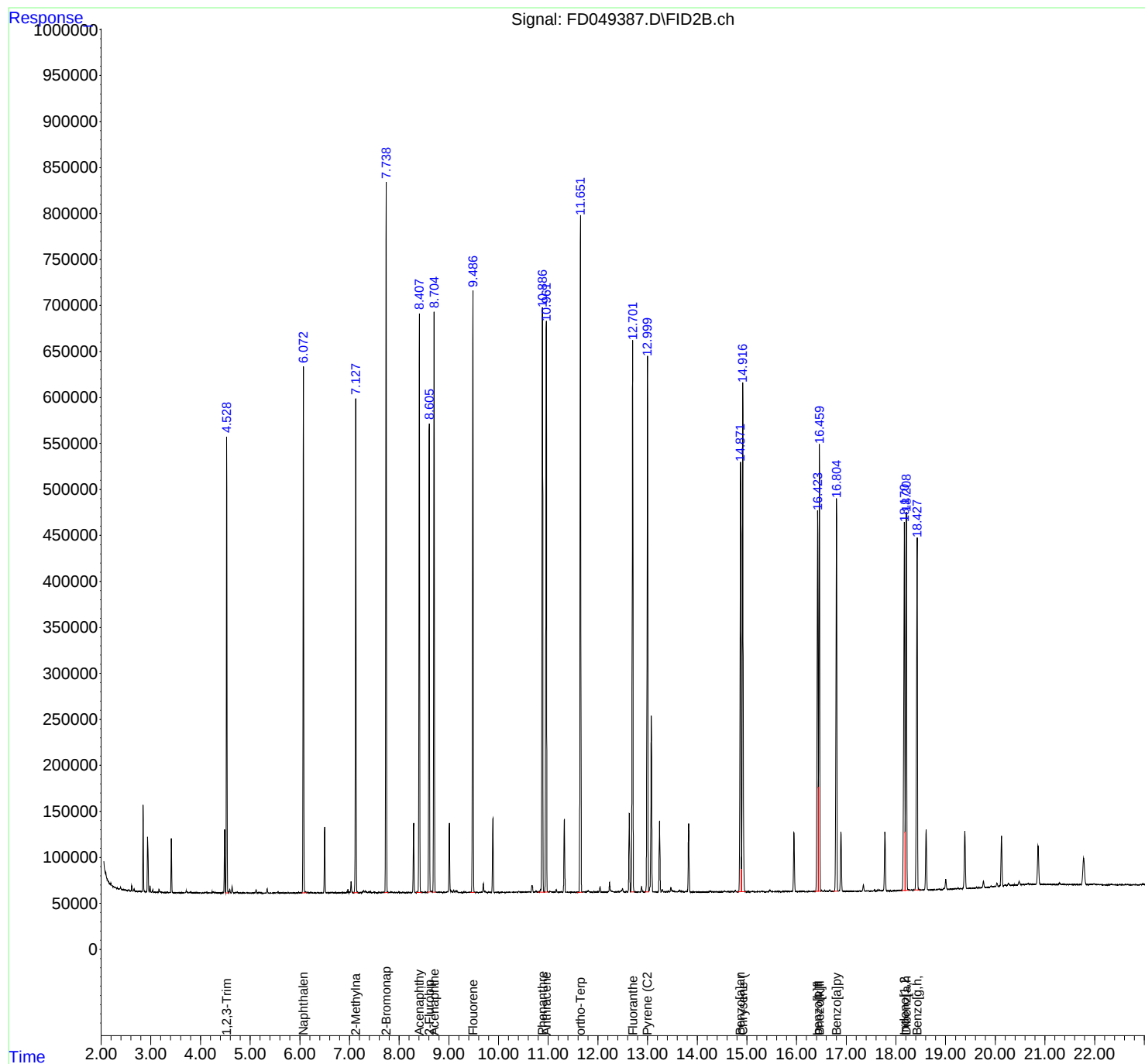
(m)=manual int.

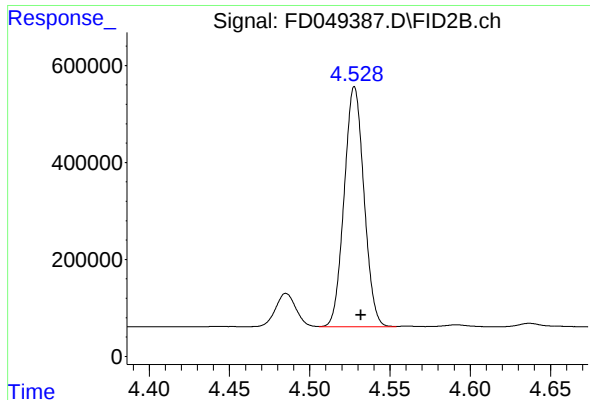
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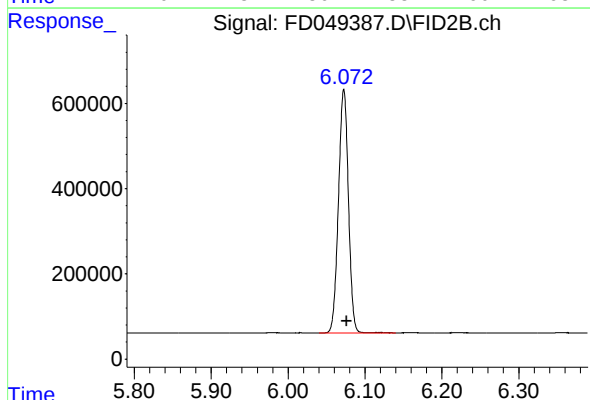




#1 1,2,3-Trimethylbenzene (C10.1)

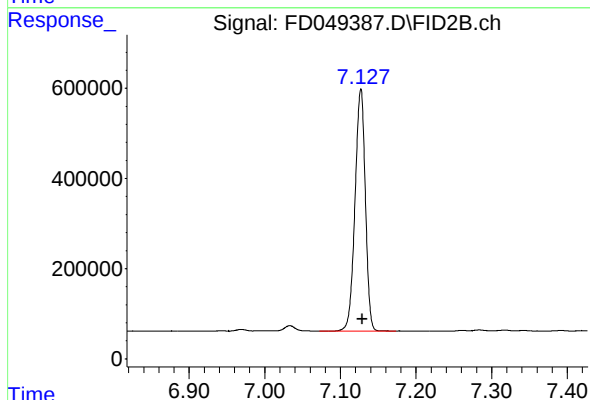
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 4249130
Conc: 34.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BSD



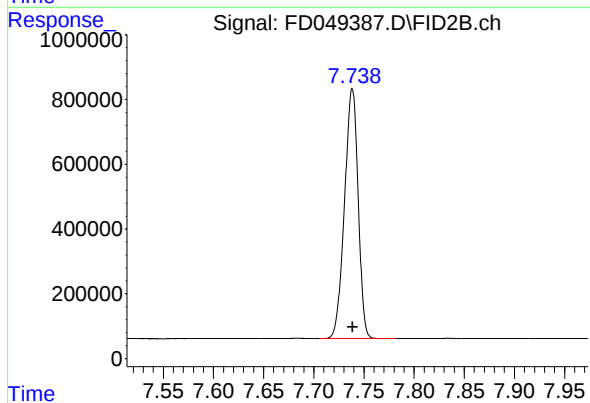
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 5135870
Conc: 38.85 ug/ml



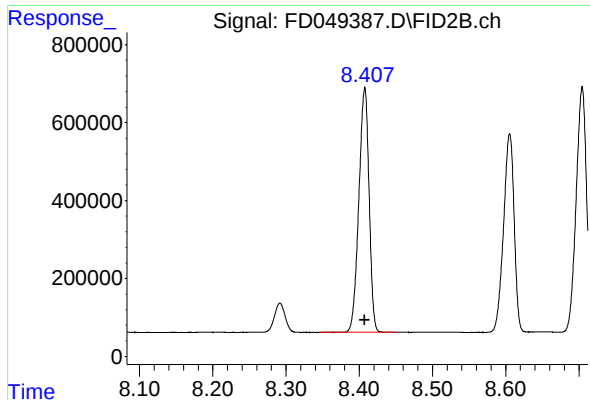
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 5096441
Conc: 39.51 ug/ml



#4 2-Bromonaphthalene (SURR)

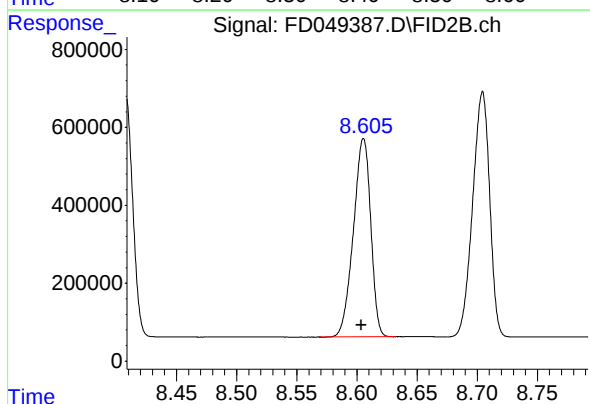
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 7301267
Conc: 61.58 ug/ml



#5 Acenaphthylene (C15.06)

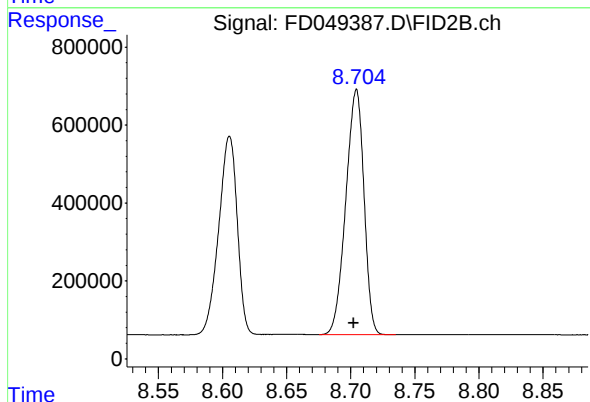
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 6091503
Conc: 43.15 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BSD



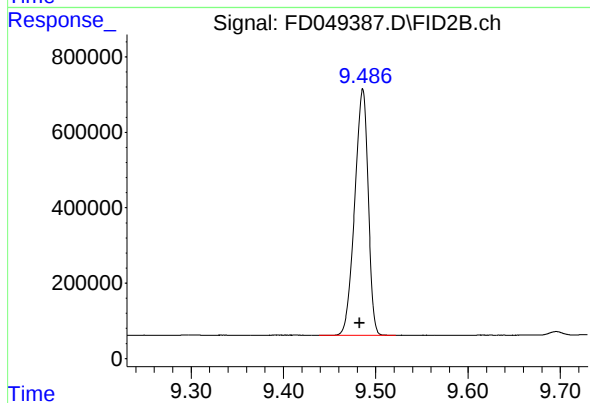
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 5110959
Conc: 64.72 ug/ml



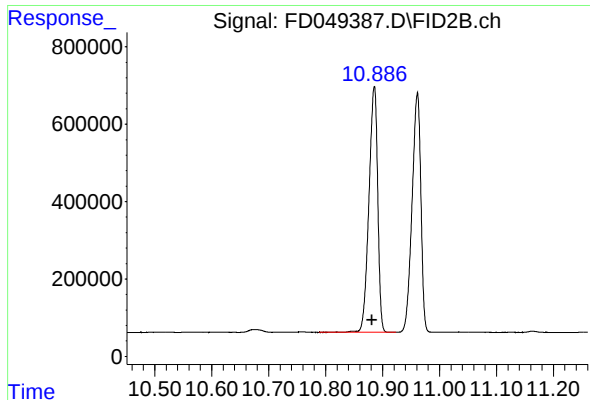
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.002 min
Response: 6186992
Conc: 45.16 ug/ml



#8 Flouorene (C16.55)

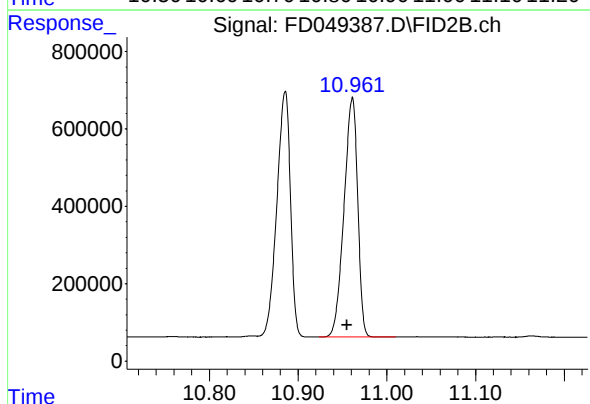
R.T.: 9.486 min
Delta R.T.: 0.003 min
Response: 6608755
Conc: 48.55 ug/ml



#9 Phenanthrene (C19.36)

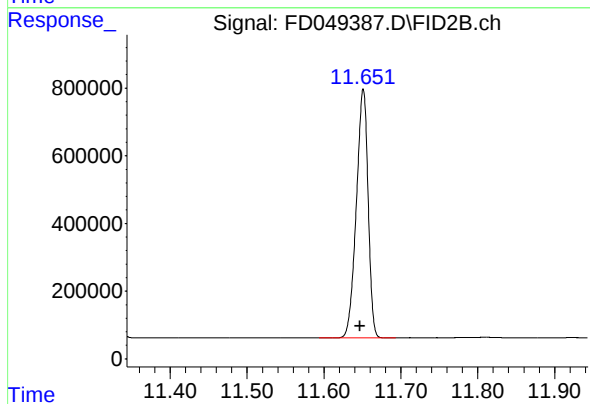
R.T.: 10.885 min
Delta R.T.: 0.005 min
Response: 6809874
Conc: 50.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BSD



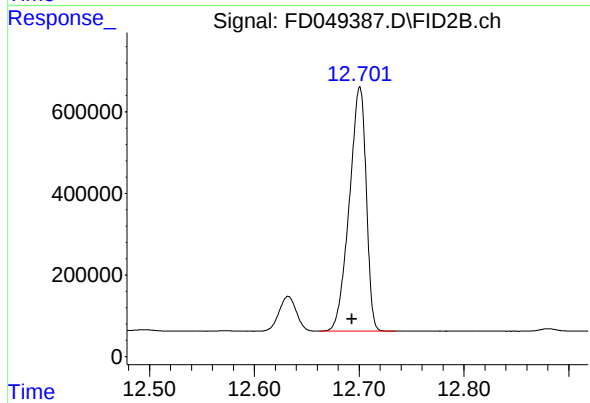
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: 0.006 min
Response: 6629887
Conc: 56.06 ug/ml



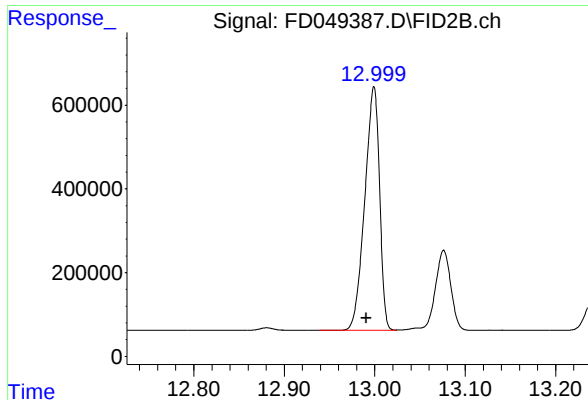
#11 ortho-Terphenyl (SURRE)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 7811632
Conc: 56.60 ug/ml



#12 Fluoranthene (C21.85)

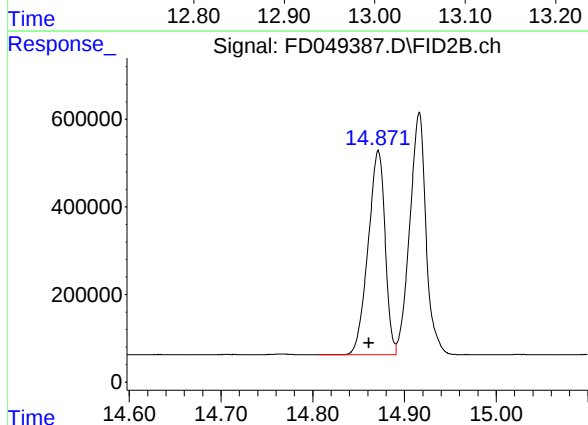
R.T.: 12.701 min
Delta R.T.: 0.007 min
Response: 6709027
Conc: 49.78 ug/ml



#13 Pyrene (C20.8)

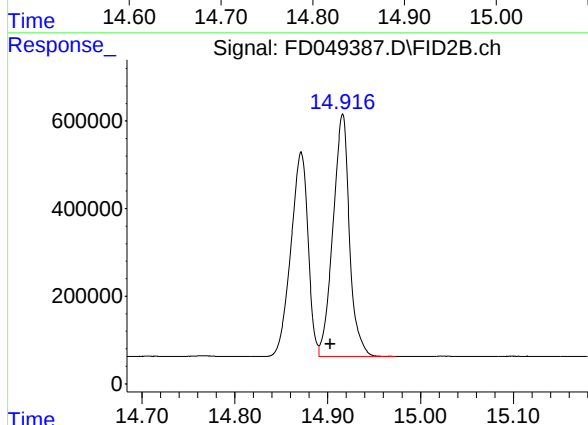
R.T.: 12.999 min
Delta R.T.: 0.008 min
Response: 6618484
Conc: 48.93 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BSD



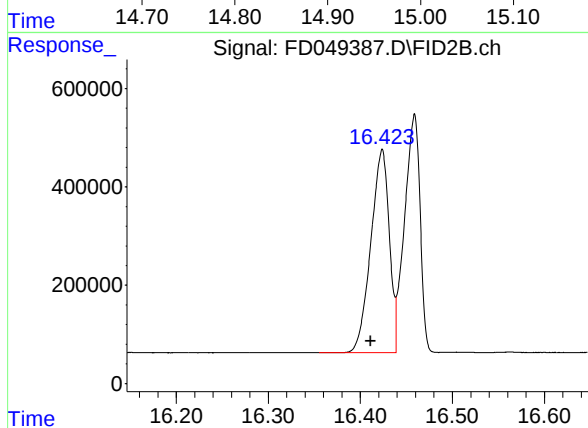
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.871 min
Delta R.T.: 0.010 min
Response: 5989088
Conc: 52.29 ug/ml



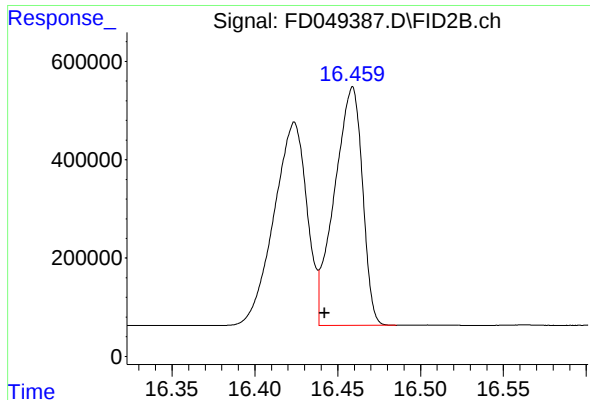
#15 Chrysene (C27.41)

R.T.: 14.916 min
Delta R.T.: 0.013 min
Response: 6810584
Conc: 58.35 ug/ml



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

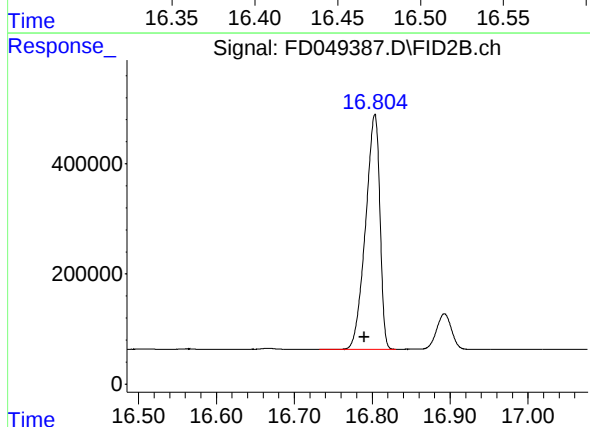
R.T.: 16.424 min
Delta R.T.: 0.013 min
Response: 5735383
Conc: 47.25 ug/ml



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

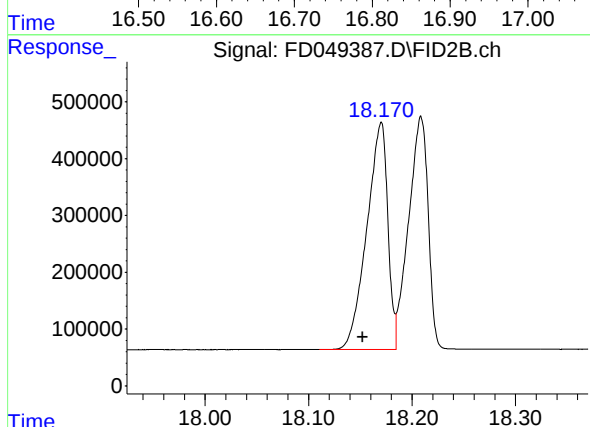
R.T.: 16.459 min
Delta R.T.: 0.017 min
Response: 5694020
Conc: 47.74 ug/ml

Instrument :
FID_D
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PB168132BSD



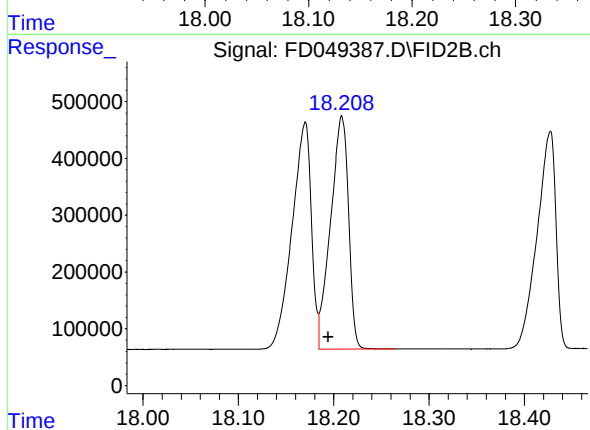
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.803 min
Delta R.T.: 0.014 min
Response: 5461036
Conc: 47.49 ug/ml



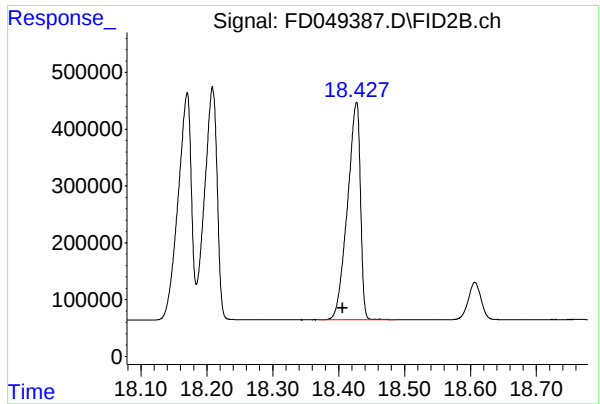
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.018 min
Response: 5622413
Conc: 51.23 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.014 min
Response: 5395241
Conc: 51.08 ug/ml



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

R.T.: 18.427 min
Delta R.T.: 0.021 min
Response: 5239137
Conc: 43.96 ug/ml

Instrument :
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ClientSampleId :
PB168132BSD