

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060723AR\
 Data File : FD045814.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 17:24
 Operator : YP/AJ
 Sample : PB153258BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153258BSD

Integration File: autoint1.e
 Quant Time: Jun 07 23:55:20 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...	7.530	6777142	37.591 ug/ml
Spiked Amount 50.000		Recovery =	75.18%
6) S 2-Fluorobiphenyl (SURR)	8.385	4510859	37.519 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.04%
11) S ortho-Terphenyl (SURR)	11.425	6669723	29.860 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.339	5294527	26.226 ug/ml
2) T Naphthalene (C11.7)	5.868	5886079	27.778 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	5800039	27.462 ug/ml
5) T Acenaphthylene (C15.06)	8.189	6150093	32.461 ug/ml
7) T Acenaphthene (C15.5)	8.485	6354827	31.431 ug/ml
8) T Fluorene (C16.55)	9.263	6207694	31.331 ug/ml
9) T Phenanthrene (C19.36)	10.654	6240762	32.621 ug/ml
10) T Anthracene (C19.43)	10.729	6231681	36.582 ug/ml
12) T Fluoranthene (C21.85)	12.459	6305787	34.132 ug/ml
13) T Pyrene (C20.8)	12.755	6248798	34.988 ug/ml
14) T Benzo[a]anthracene (C...	14.618	5686205	36.318 ug/ml
15) T Chrysene (C27.41)	14.662	5721445	34.679 ug/ml
16) T benzo[b]fluoranthene ...	16.161	5501818	36.352 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	5479536	35.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.536	4857594	33.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	4941176	33.736 ug/ml
20) T Dibenz[a,h]anthracene...	17.936	5283963	35.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	5131194	34.775 ug/ml

(f)=RT Delta > 1/2 Window

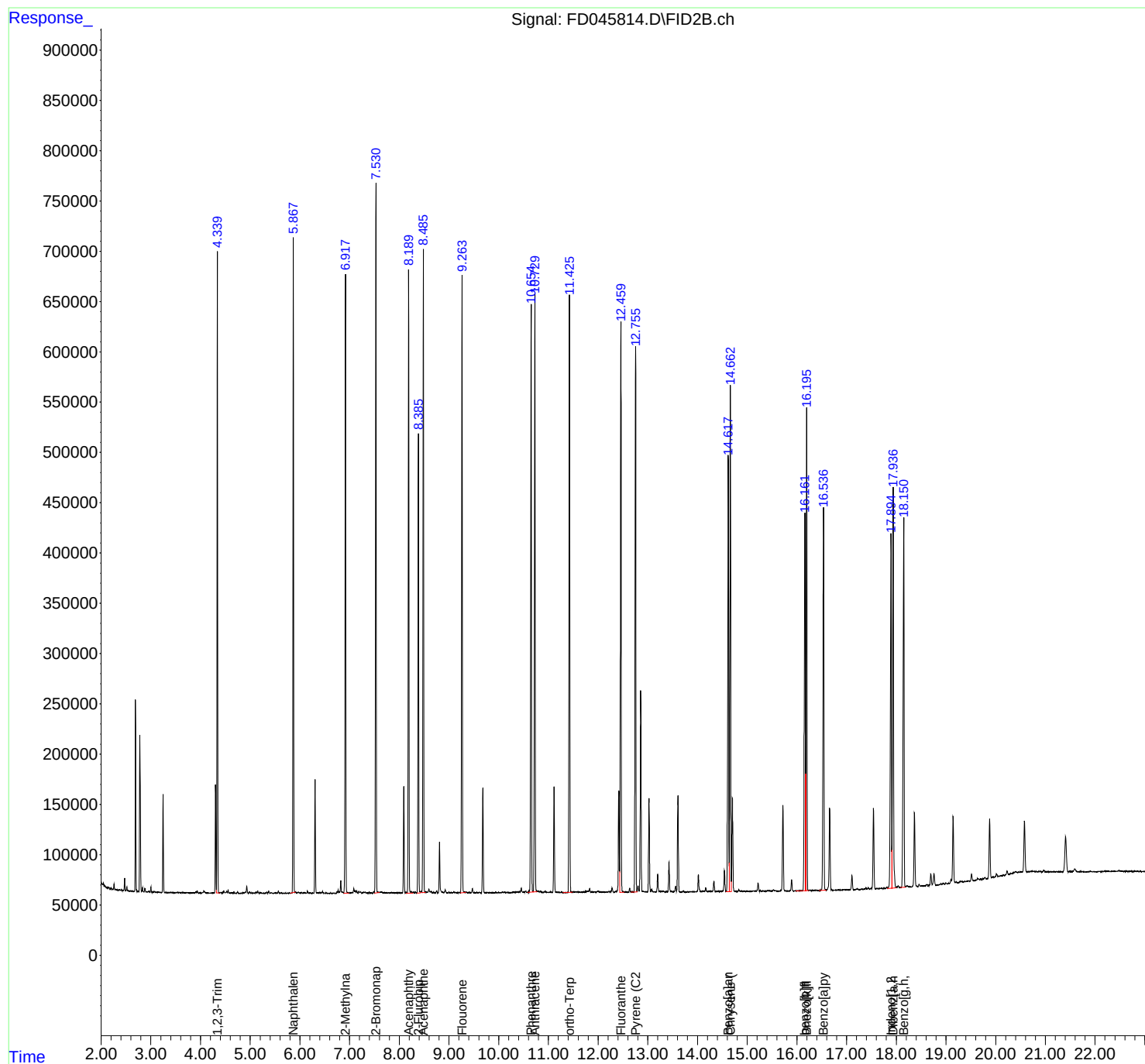
(m)=manual int.

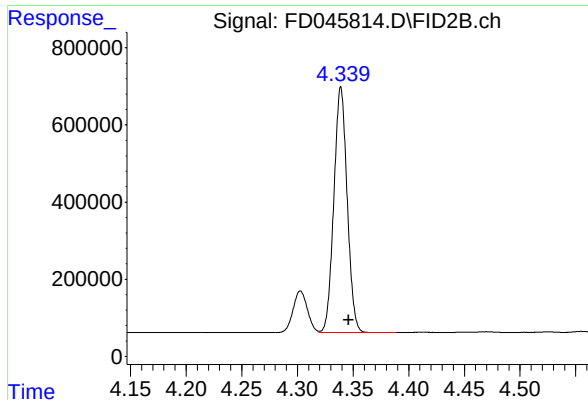
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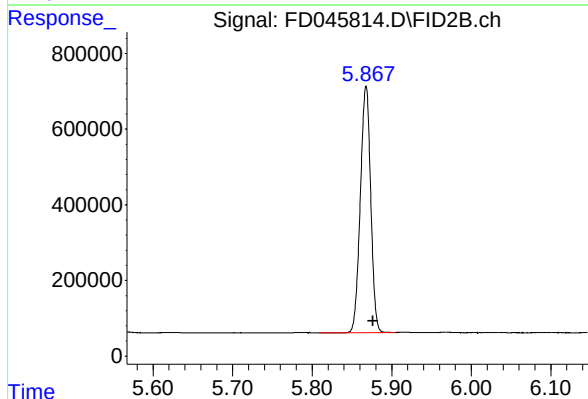




#1 1,2,3-Trimethylbenzene (C10.1)

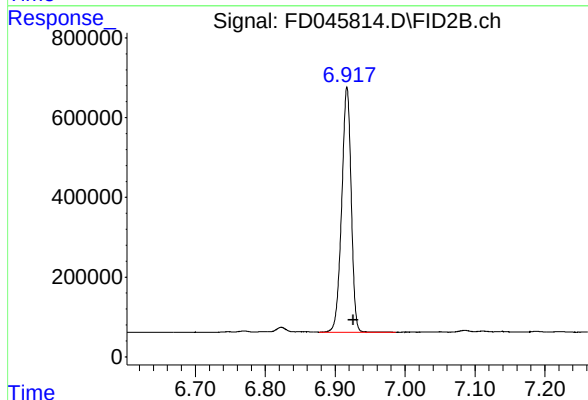
R.T.: 4.339 min
Delta R.T.: -0.007 min
Response: 5294527
Conc: 26.23 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153258BSD



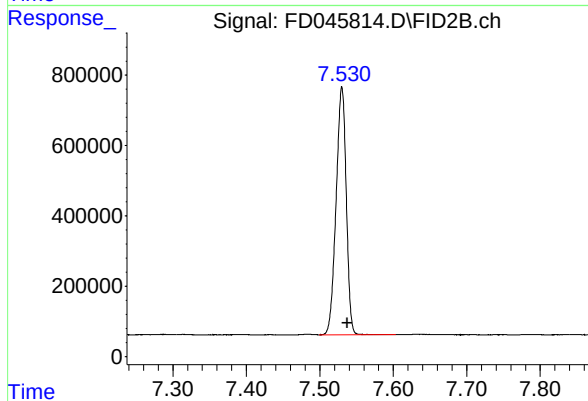
#2 Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: -0.009 min
Response: 5886079
Conc: 27.78 ug/ml



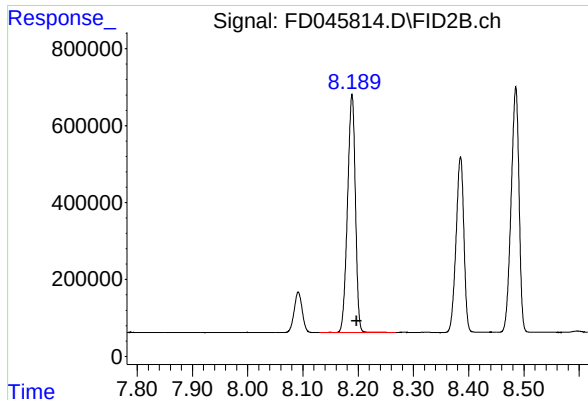
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 5800039
Conc: 27.46 ug/ml



#4 2-Bromonaphthalene (SURR)

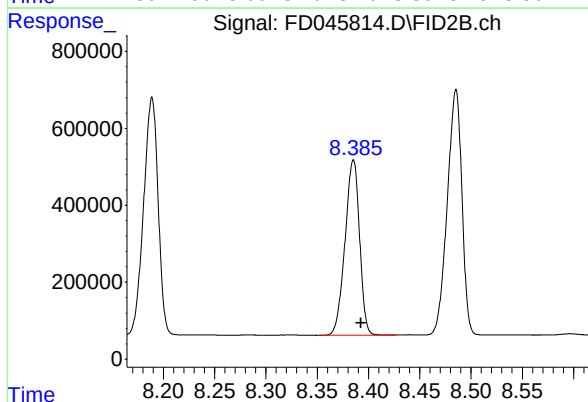
R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 6777142
Conc: 37.59 ug/ml



#5 Acenaphthylene (C15.06)

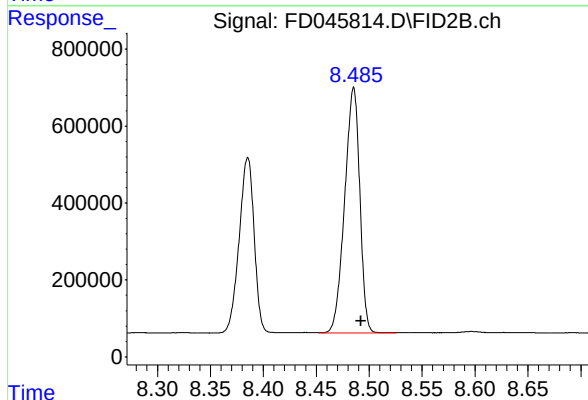
R.T.: 8.189 min
Delta R.T.: -0.008 min
Response: 6150093
Conc: 32.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153258BSD



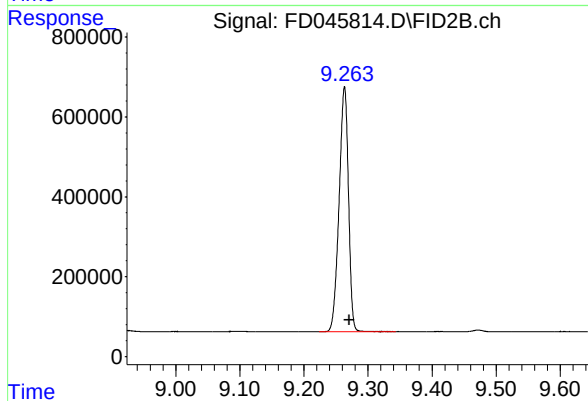
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 4510859
Conc: 37.52 ug/ml



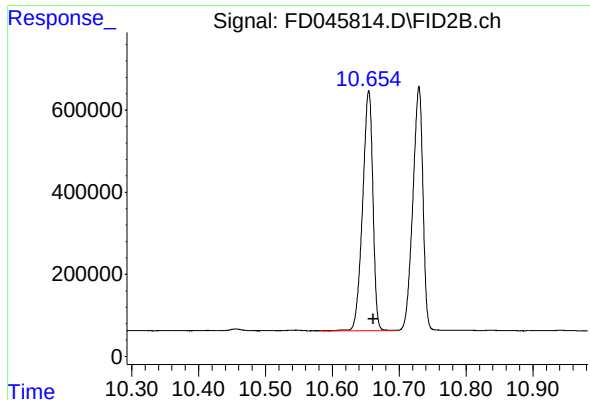
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 6354827
Conc: 31.43 ug/ml



#8 Flouorene (C16.55)

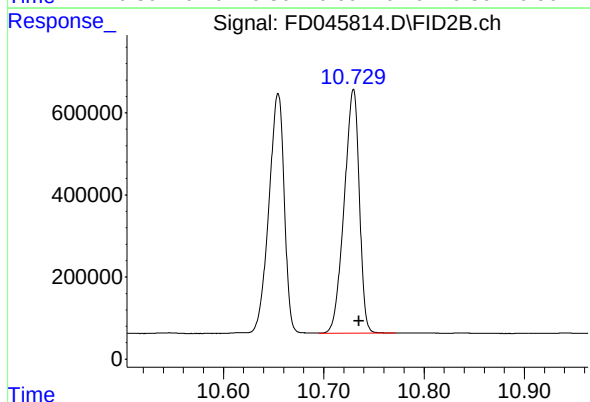
R.T.: 9.263 min
Delta R.T.: -0.007 min
Response: 6207694
Conc: 31.33 ug/ml



#9 Phenanthrene (C19.36)

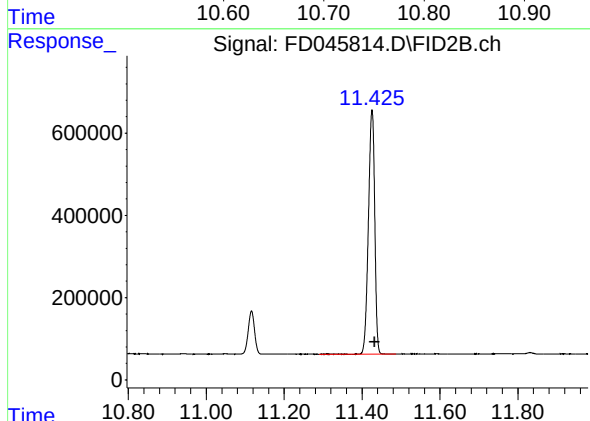
R.T.: 10.654 min
Delta R.T.: -0.007 min
Response: 6240762
Conc: 32.62 ug/ml

Instrument :
FID_D
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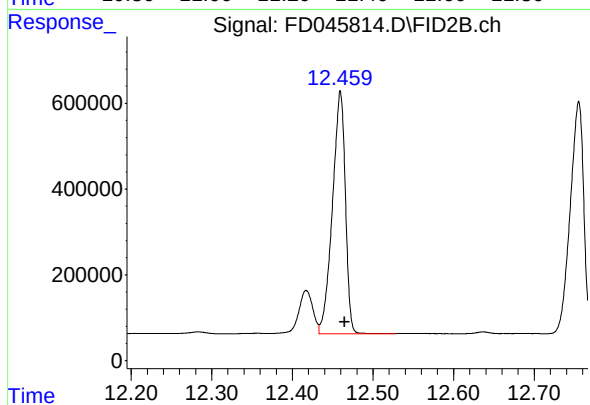
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: -0.006 min
Response: 6231681
Conc: 36.58 ug/ml



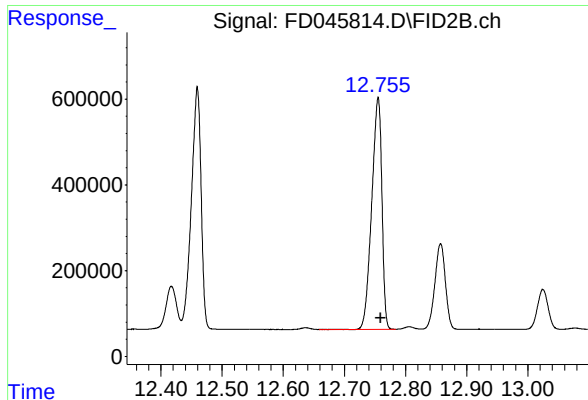
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.007 min
Response: 6669723
Conc: 29.86 ug/ml



#12 Fluoranthene (C21.85)

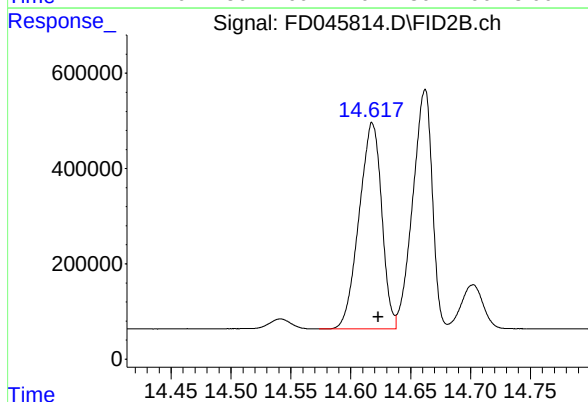
R.T.: 12.459 min
Delta R.T.: -0.006 min
Response: 6305787
Conc: 34.13 ug/ml



#13 Pyrene (C20.8)

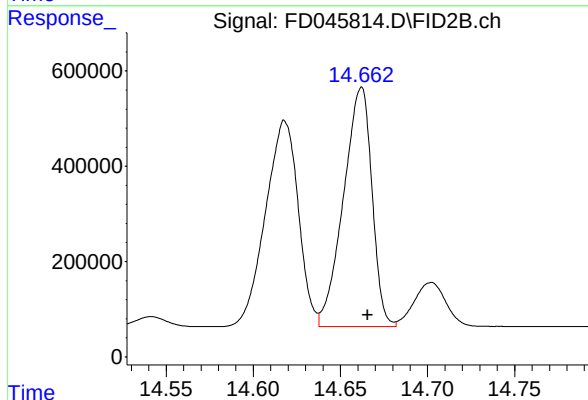
R.T.: 12.755 min
Delta R.T.: -0.005 min
Response: 6248798
Conc: 34.99 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153258BSD



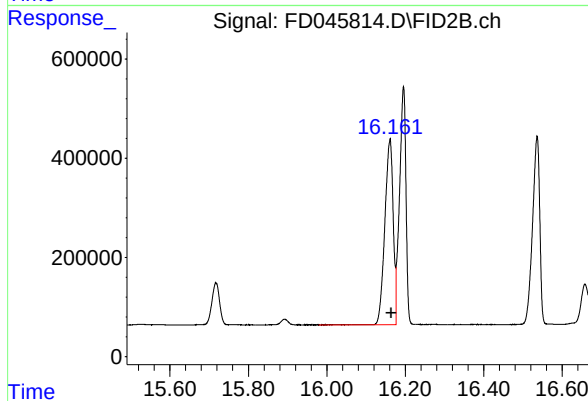
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.618 min
Delta R.T.: -0.005 min
Response: 5686205
Conc: 36.32 ug/ml



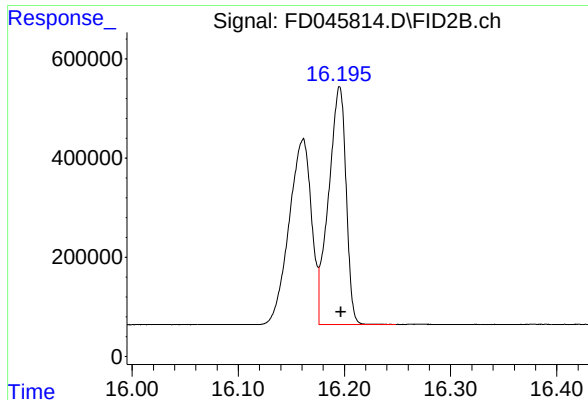
#15 Chrysene (C27.41)

R.T.: 14.662 min
Delta R.T.: -0.004 min
Response: 5721445
Conc: 34.68 ug/ml



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

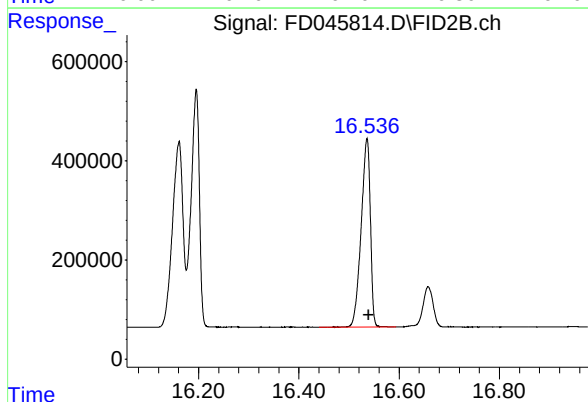
R.T.: 16.161 min
Delta R.T.: -0.004 min
Response: 5501818
Conc: 36.35 ug/ml



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

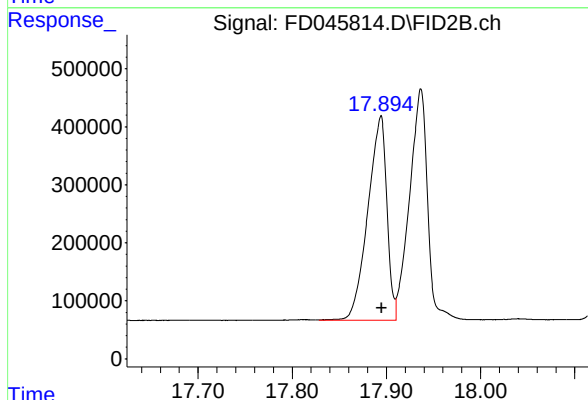
R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 5479536
Conc: 35.39 ug/ml

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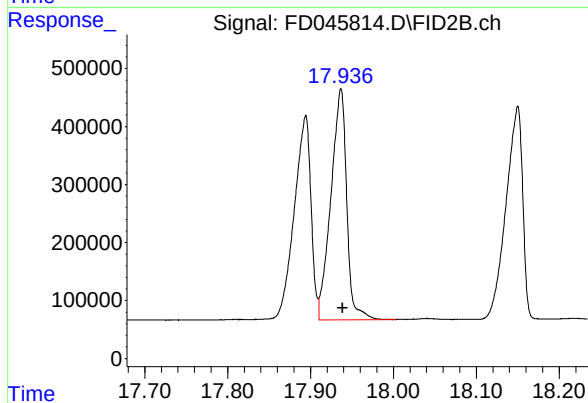
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.536 min
Delta R.T.: -0.004 min
Response: 4857594
Conc: 33.22 ug/ml



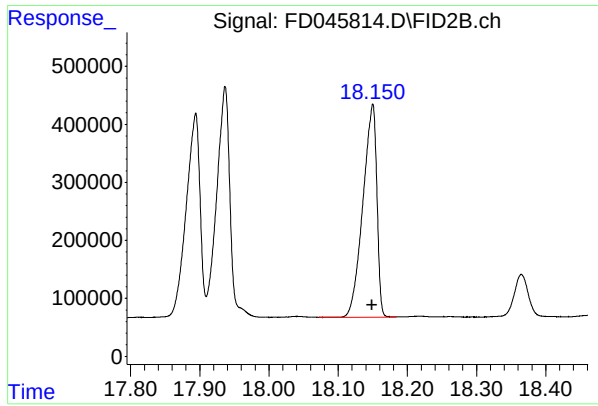
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 4941176
Conc: 33.74 ug/ml



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

R.T.: 17.936 min
Delta R.T.: -0.003 min
Response: 5283963
Conc: 35.22 ug/ml



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

R.T.: 18.149 min

Delta R.T.: 0.000 min

Response: 5131194

Conc: 34.77 ug/ml

Instrument :

FID_D

ClientSampleId :

PB153258BSD