

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062321AR\
 Data File : FD037976.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2021 18:12
 Operator : DD\AJ
 Sample : PB137282BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB137282BSD

Integration File: autoint1.e
 Quant Time: Jun 24 01:51:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.533	5001937	35.713 ug/ml
Spiked Amount 50.000		Recovery =	71.43%
6) S 2-Fluorobiphenyl (SURR)	8.393	2500264	26.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.81%
11) S ortho-Terphenyl (SURR)	11.432	5436117	33.947 ug/ml
Spiked Amount 50.000		Recovery =	67.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.337	3956297	27.050 ug/ml
2) T Naphthalene (C11.7)	5.871	4755018	30.708 ug/ml
3) T 2-Methylnaphthalene (...)	6.923	5060127	32.369 ug/ml
5) T Acenaphthylene (C15.06)	8.197	5534589	36.285 ug/ml
7) T Acenaphthene (C15.5)	8.493	5452835	34.585 ug/ml
8) T Fluorene (C16.55)	9.273	5568547	36.465 ug/ml
9) T Phenanthrene (C19.36)	10.668	5449747	35.702 ug/ml
10) T Anthracene (C19.43)	10.743	5347803	36.003 ug/ml
12) T Fluoranthene (C21.85)	12.477	5231716	34.716 ug/ml
13) T Pyrene (C20.8)	12.775	5138958	34.820 ug/ml
14) T Benzo[a]anthracene (C...	14.645	4736021	35.276 ug/ml
15) T Chrysene (C27.41)	14.689	5270941	37.535 ug/ml
16) T benzo[b]fluoranthene ...	16.198	4872136	37.644 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	4855443	38.116 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.578	4918508	42.210 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.944	4550884	41.030 ug/ml
20) T Dibenz[a,h]anthracene...	17.982	4858985	42.929 ug/ml
21) T Benzo[g,h,i]perylene ...	18.201	4825559	43.746 ug/ml

(f)=RT Delta > 1/2 Window

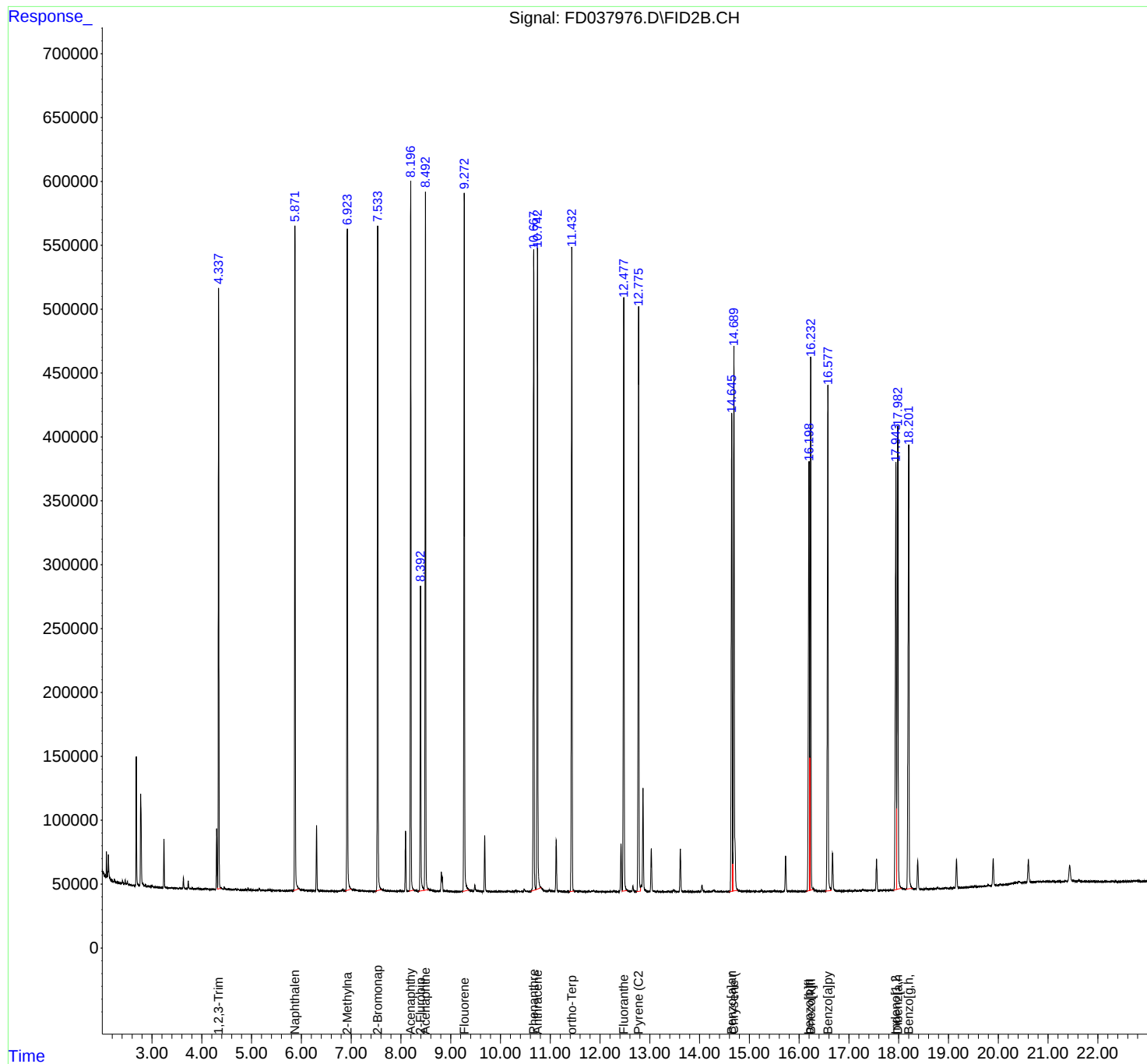
(m)=manual int.

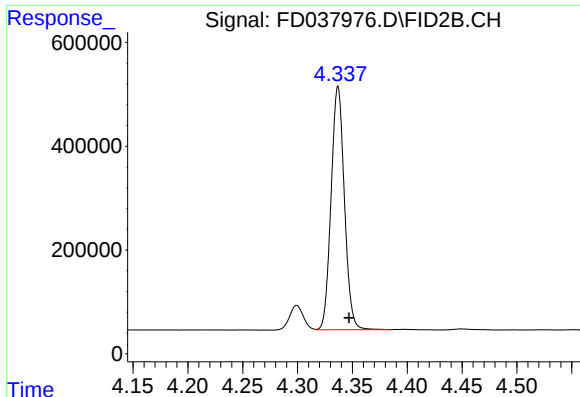
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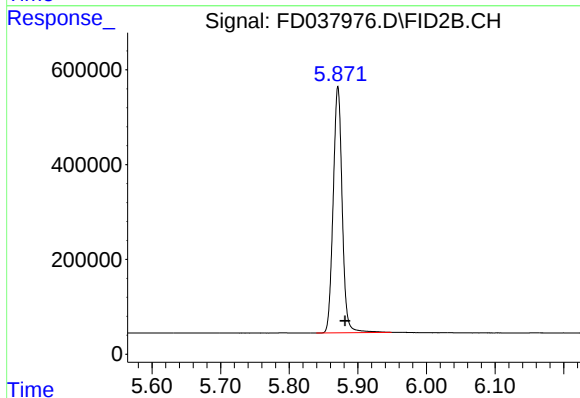




#1 1,2,3-Trimethylbenzene (C10.1)

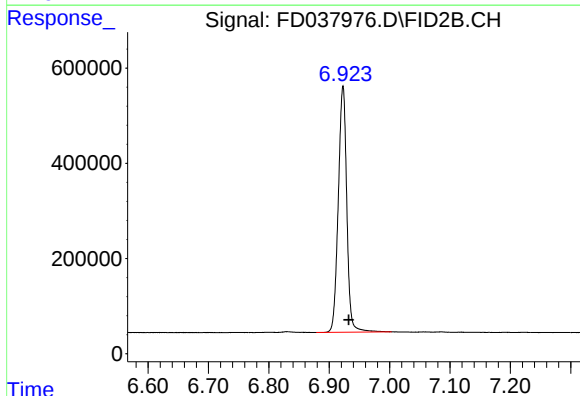
R.T.: 4.337 min
Delta R.T.: -0.010 min
Response: 3956297
Conc: 27.05 ug/ml

Instrument :
FID_D
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PB137282BSD



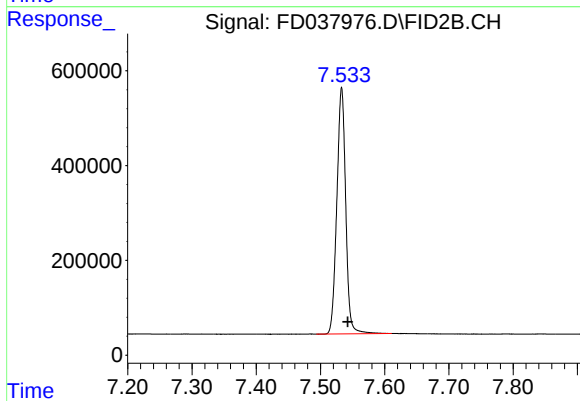
#2 Naphthalene (C11.7)

R.T.: 5.871 min
Delta R.T.: -0.010 min
Response: 4755018
Conc: 30.71 ug/ml



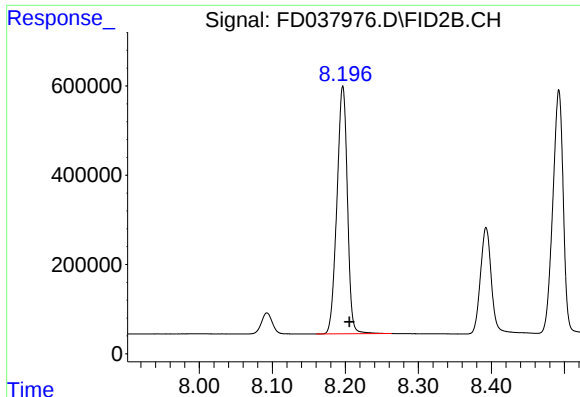
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.923 min
Delta R.T.: -0.009 min
Response: 5060127
Conc: 32.37 ug/ml



#4 2-Bromonaphthalene (SURR)

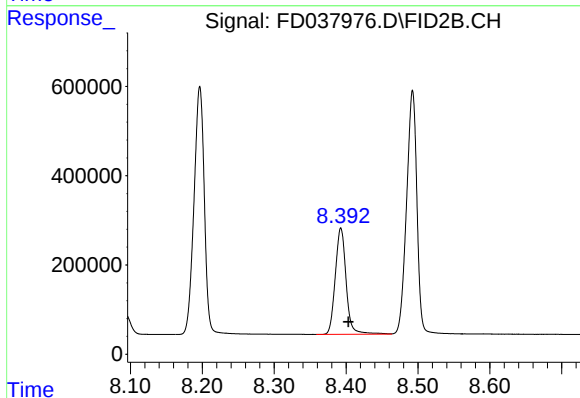
R.T.: 7.533 min
Delta R.T.: -0.010 min
Response: 5001937
Conc: 35.71 ug/ml



#5 Acenaphthylene (C15.06)

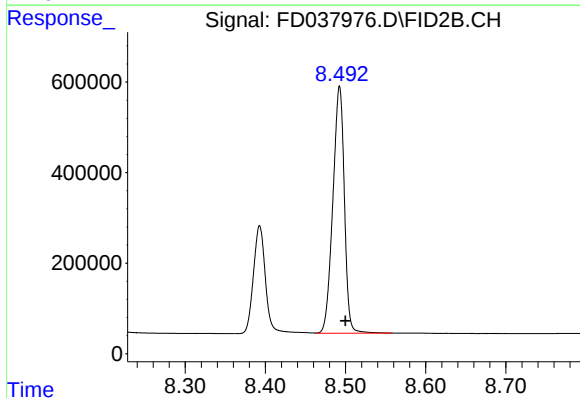
R.T.: 8.197 min
Delta R.T.: -0.009 min
Response: 5534589
Conc: 36.29 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137282BSD



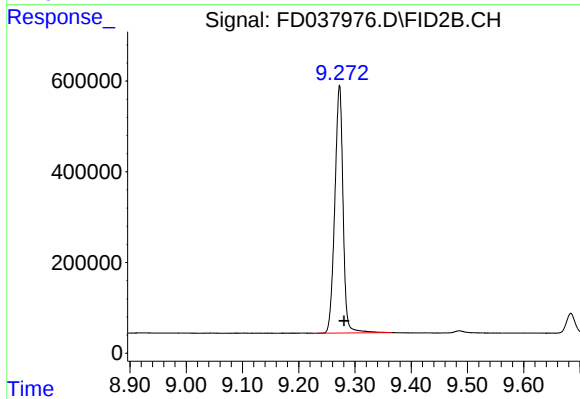
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.393 min
Delta R.T.: -0.010 min
Response: 2500264
Conc: 26.40 ug/ml



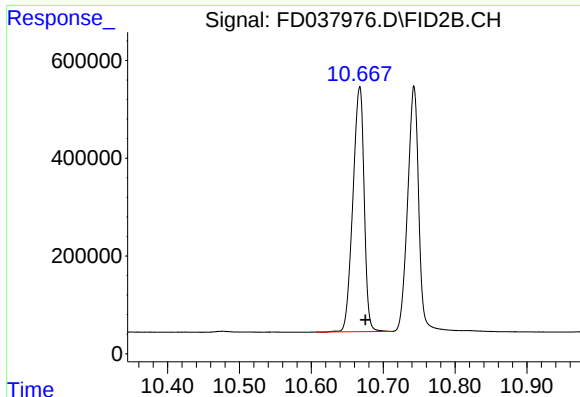
#7 Acenaphthene (C15.5)

R.T.: 8.493 min
Delta R.T.: -0.008 min
Response: 5452835
Conc: 34.59 ug/ml



#8 Flouorene (C16.55)

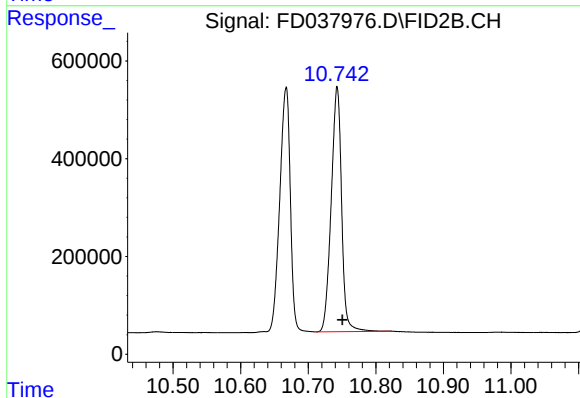
R.T.: 9.273 min
Delta R.T.: -0.008 min
Response: 5568547
Conc: 36.46 ug/ml



#9 Phenanthrene (C19.36)

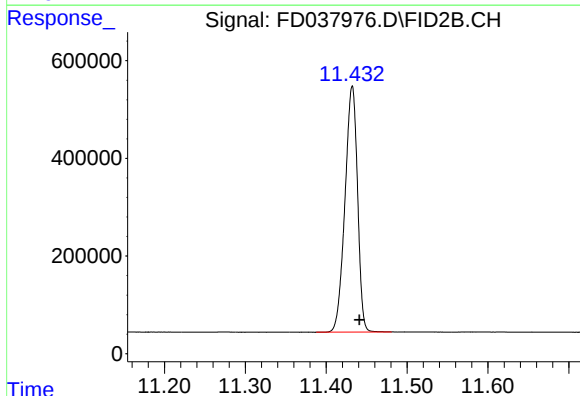
R.T.: 10.668 min
Delta R.T.: -0.008 min
Response: 5449747
Conc: 35.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137282BSD



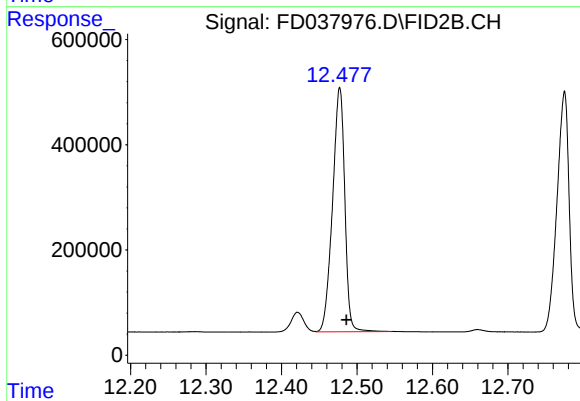
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.008 min
Response: 5347803
Conc: 36.00 ug/ml



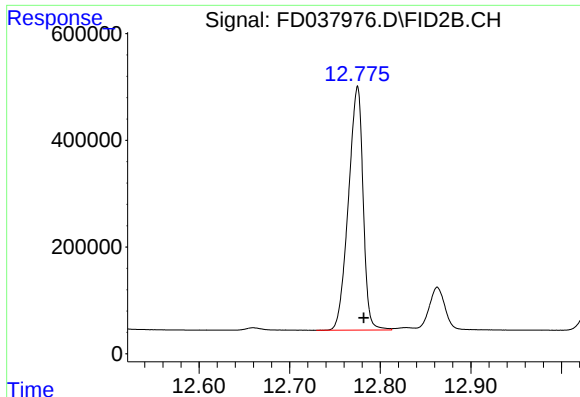
#11 ortho-Terphenyl (SURR)

R.T.: 11.432 min
Delta R.T.: -0.009 min
Response: 5436117
Conc: 33.95 ug/ml



#12 Fluoranthene (C21.85)

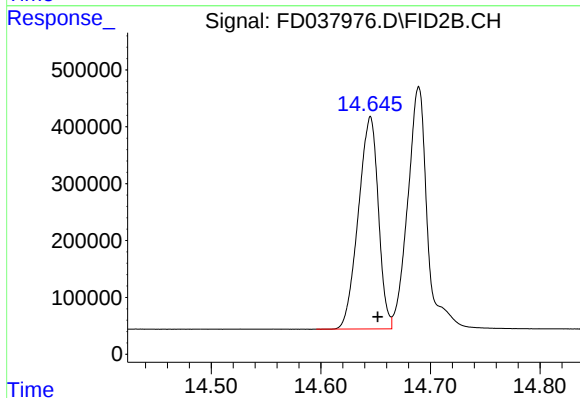
R.T.: 12.477 min
Delta R.T.: -0.009 min
Response: 5231716
Conc: 34.72 ug/ml



#13 Pyrene (C20.8)

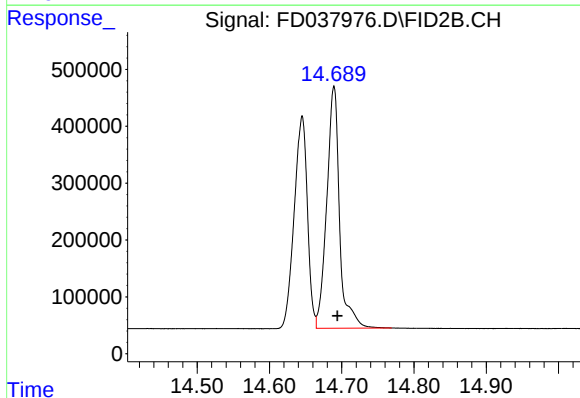
R.T.: 12.775 min
Delta R.T.: -0.007 min
Response: 5138958
Conc: 34.82 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137282BSD



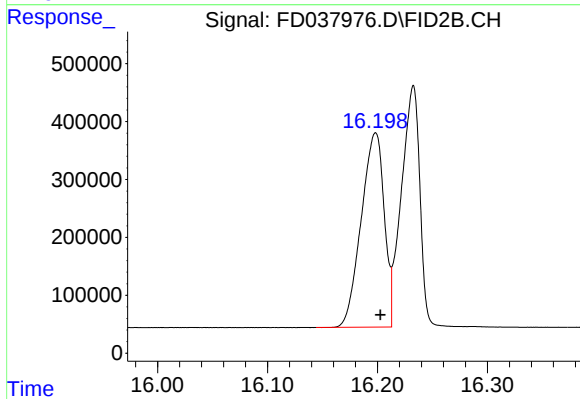
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: -0.007 min
Response: 4736021
Conc: 35.28 ug/ml



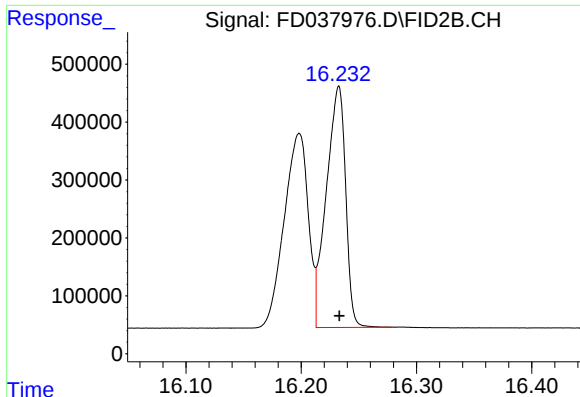
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: -0.005 min
Response: 5270941
Conc: 37.53 ug/ml



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

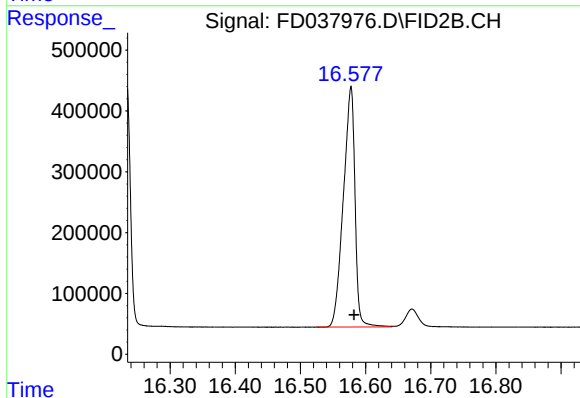
R.T.: 16.198 min
Delta R.T.: -0.004 min
Response: 4872136
Conc: 37.64 ug/ml



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

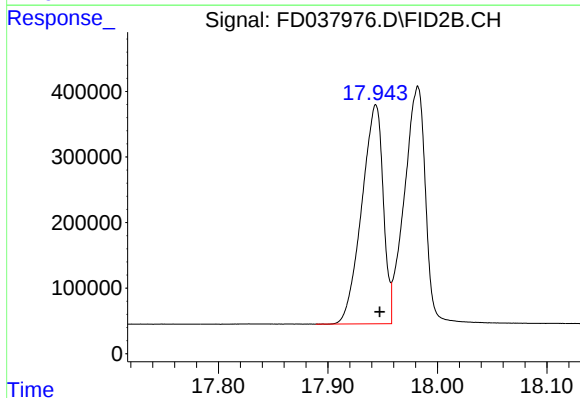
R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 4855443
Conc: 38.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137282BSD



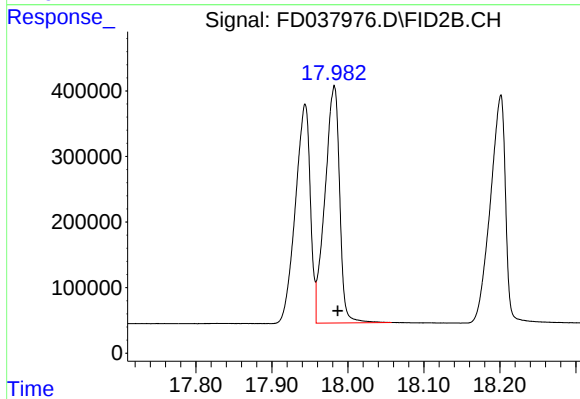
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.578 min
Delta R.T.: -0.005 min
Response: 4918508
Conc: 42.21 ug/ml



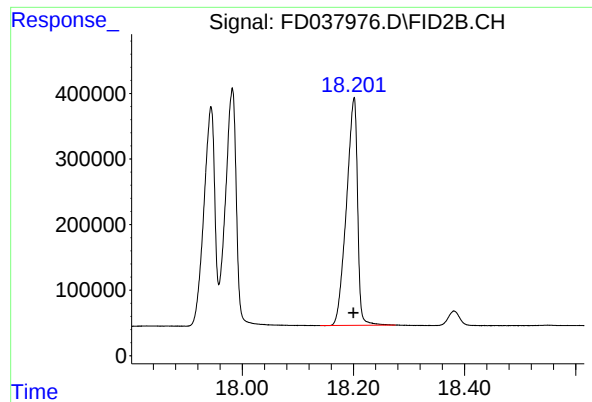
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.944 min
Delta R.T.: -0.004 min
Response: 4550884
Conc: 41.03 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.005 min
Response: 4858985
Conc: 42.93 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.001 min
Response: 4825559
Conc: 43.75 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137282BSD