

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052121AR\
 Data File : FD037567.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2021 14:39
 Operator : DD\AJ
 Sample : PB136583BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB136583BS

Integration File: autoint1.e
 Quant Time: May 22 00:02:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.556	4318262	42.935 ug/ml
Spiked Amount 50.000		Recovery =	85.87%
6) S 2-Fluorobiphenyl (SURR)	8.415	1682111	24.888 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.78%
11) S ortho-Terphenyl (SURR)	11.457	5324506	44.698 ug/ml
Spiked Amount 50.000		Recovery =	89.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	1902078	18.202 ug/ml
2) T Naphthalene (C11.7)	5.893	2619705	23.475 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	2965166	26.411 ug/ml
5) T Acenaphthylene (C15.06)	8.219	4194462	38.250 ug/ml
7) T Acenaphthene (C15.5)	8.514	3689969	32.440 ug/ml
8) T Fluorene (C16.55)	9.296	4763624	42.984 ug/ml
9) T Phenanthrene (C19.36)	10.691	4942432	43.958 ug/ml
10) T Anthracene (C19.43)	10.766	4843557	44.040 ug/ml
12) T Fluoranthene (C21.85)	12.502	5184048	44.669 ug/ml
13) T Pyrene (C20.8)	12.798	5107946	44.214 ug/ml
14) T Benzo[a]anthracene (C...	14.668	4898685	44.463 ug/ml
15) T Chrysene (C27.41)	14.712	5273137	45.772 ug/ml
16) T benzo[b]fluoranthene ...	16.219	5115026	45.227 ug/ml
17) T Bnezo[k]fluoranthene ...	16.253	4982111	44.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.597	5049774	48.212 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.962	4686495	43.138 ug/ml
20) T Dibenz[a,h]anthracene...	18.000	4666947	42.631 ug/ml
21) T Benzo[g,h,i]perylene ...	18.219	4831220	44.207 ug/ml

(f)=RT Delta > 1/2 Window

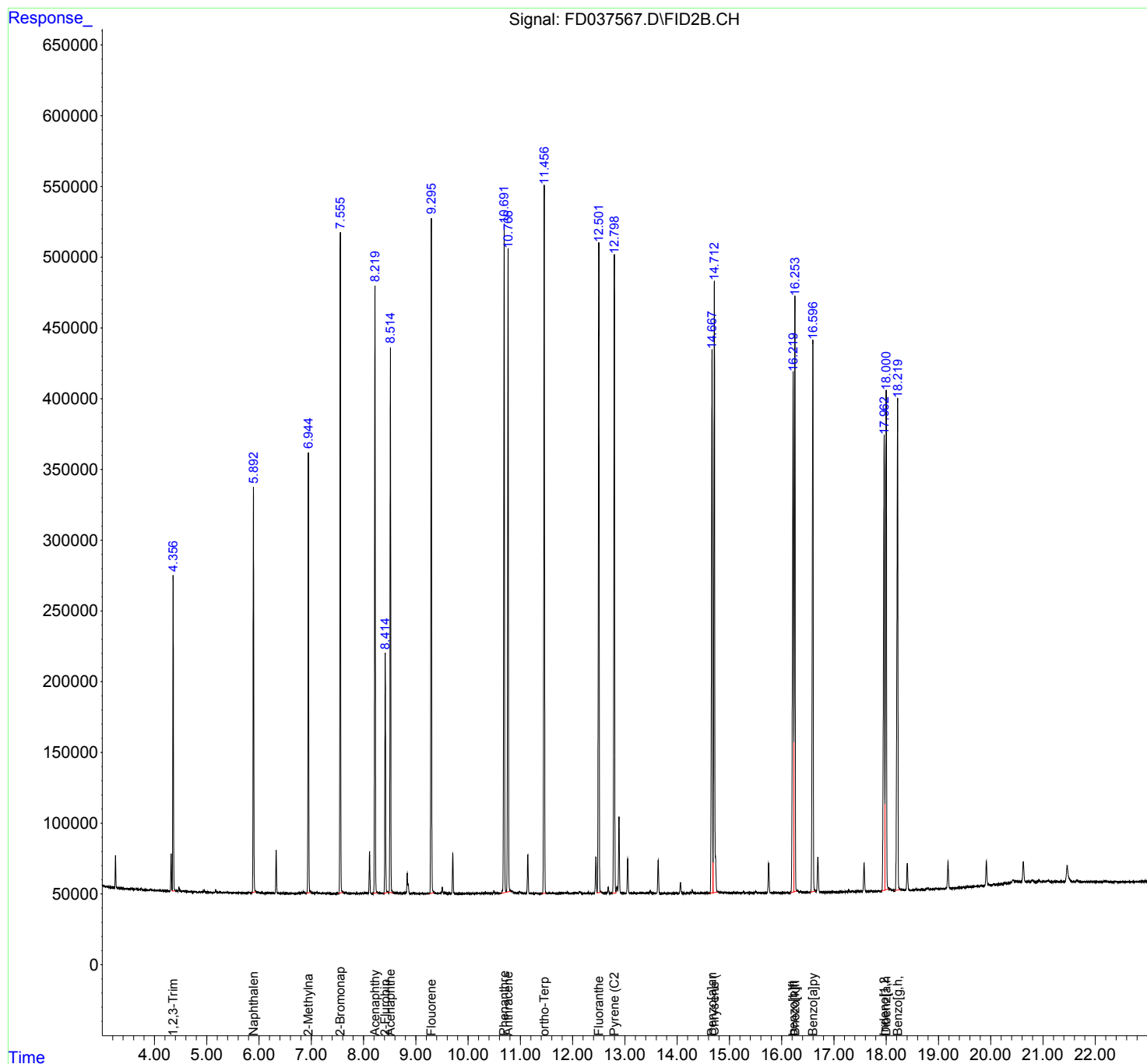
(m)=manual int.

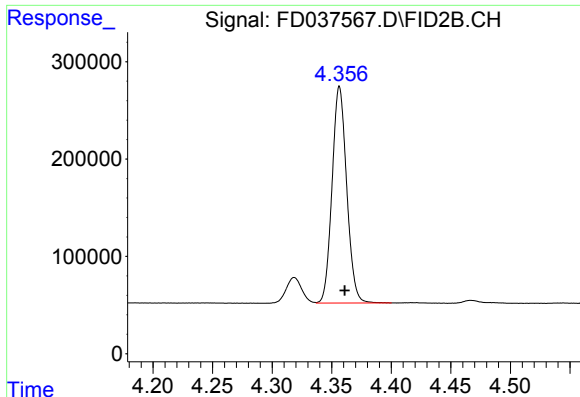
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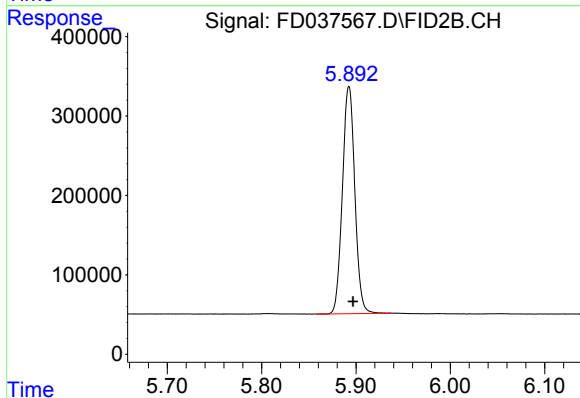




#1 1,2,3-Trimethylbenzene (C10.1)

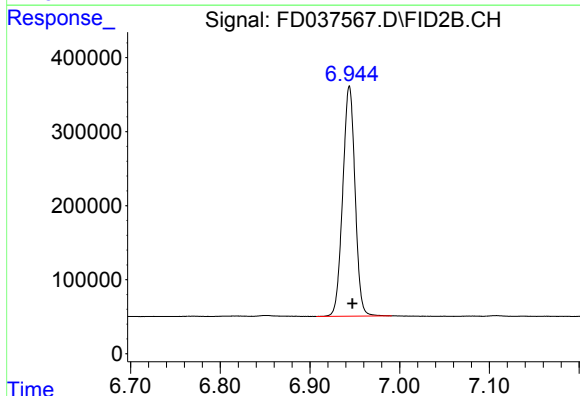
R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 1902078
Conc: 18.20 ug/ml

Instrument :
FID_D
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PB136583BS



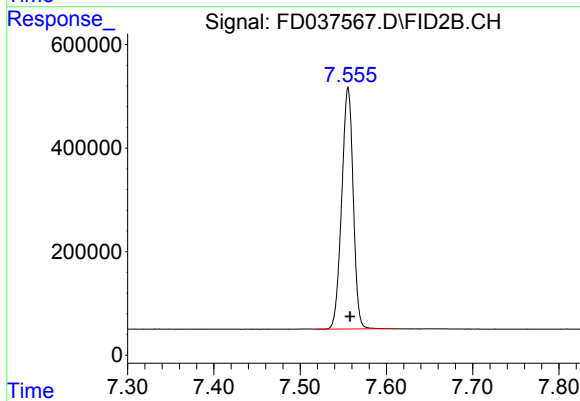
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 2619705
Conc: 23.48 ug/ml



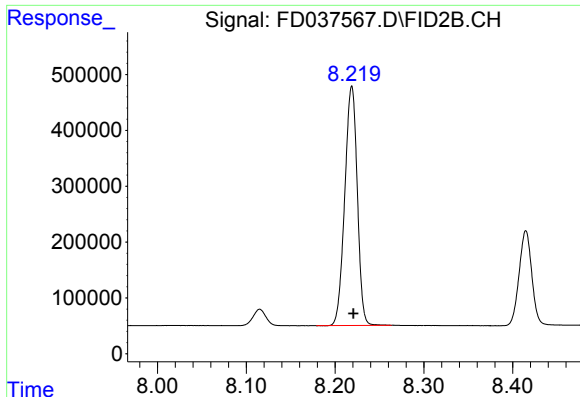
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2965166
Conc: 26.41 ug/ml



#4 2-Bromonaphthalene (SURR)

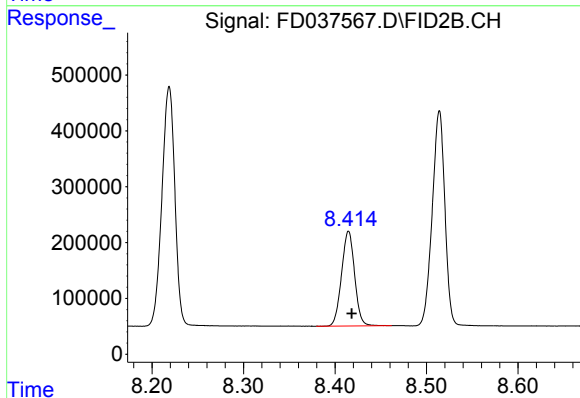
R.T.: 7.556 min
Delta R.T.: -0.002 min
Response: 4318262
Conc: 42.93 ug/ml



#5 Acenaphthylene (C15.06)

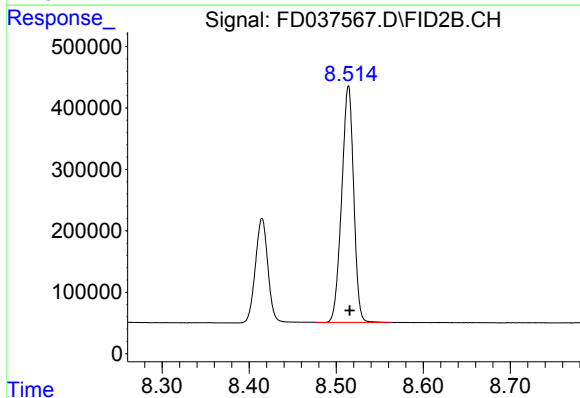
R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 4194462
Conc: 38.25 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136583BS



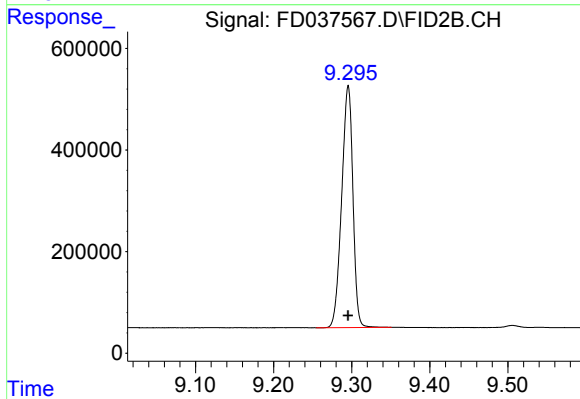
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 1682111
Conc: 24.89 ug/ml



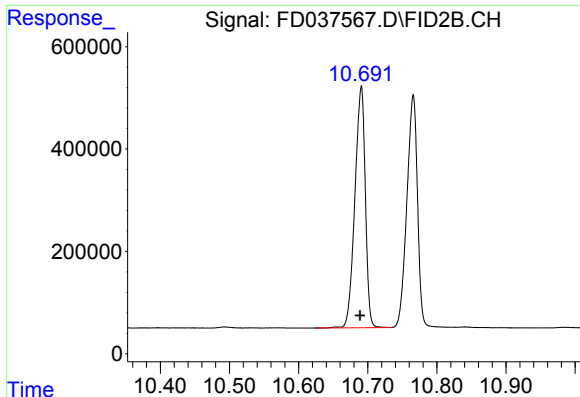
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 3689969
Conc: 32.44 ug/ml



#8 Flouorene (C16.55)

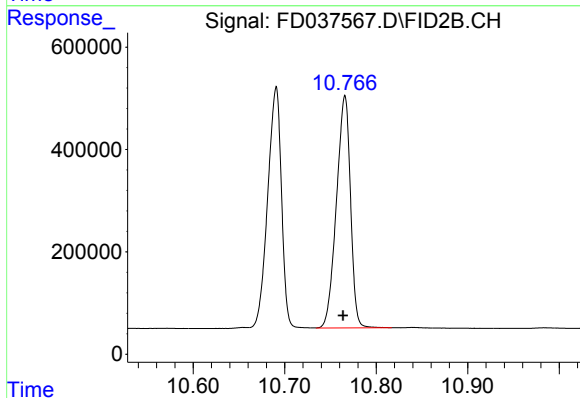
R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 4763624
Conc: 42.98 ug/ml



#9 Phenanthrene (C19.36)

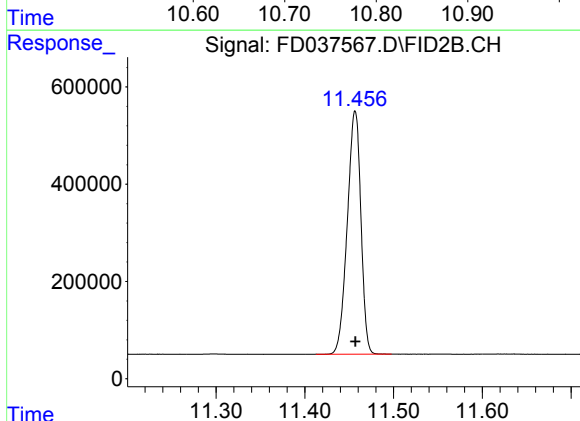
R.T.: 10.691 min
Delta R.T.: 0.002 min
Response: 4942432
Conc: 43.96 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136583BS



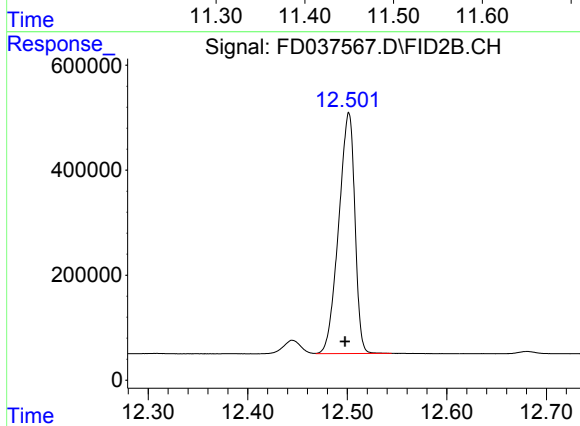
#10 Anthracene (C19.43)

R.T.: 10.766 min
Delta R.T.: 0.002 min
Response: 4843557
Conc: 44.04 ug/ml



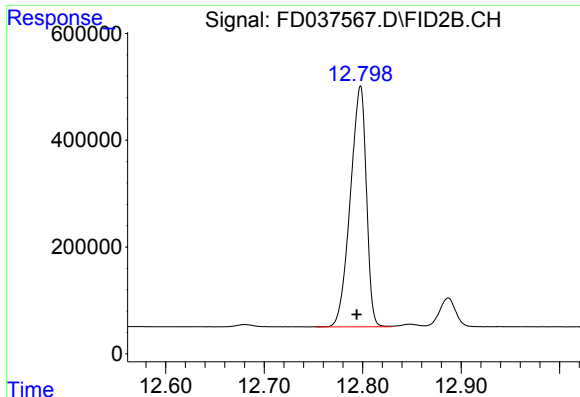
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.000 min
Response: 5324506
Conc: 44.70 ug/ml



#12 Fluoranthene (C21.85)

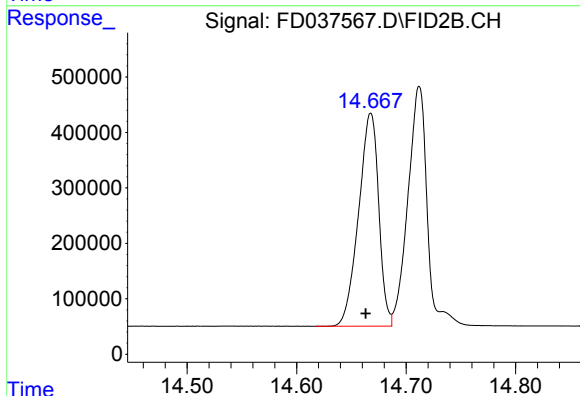
R.T.: 12.502 min
Delta R.T.: 0.004 min
Response: 5184048
Conc: 44.67 ug/ml



#13 Pyrene (C20.8)

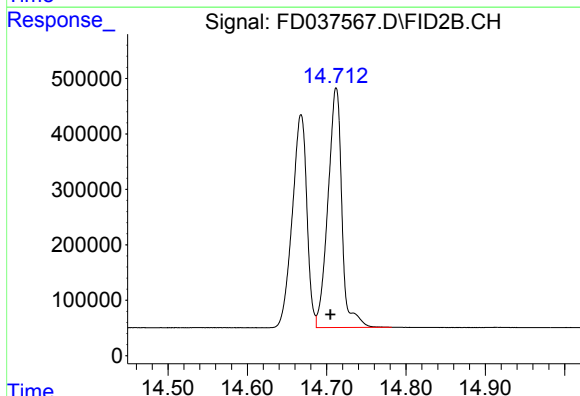
R.T.: 12.798 min
Delta R.T.: 0.004 min
Response: 5107946
Conc: 44.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136583BS



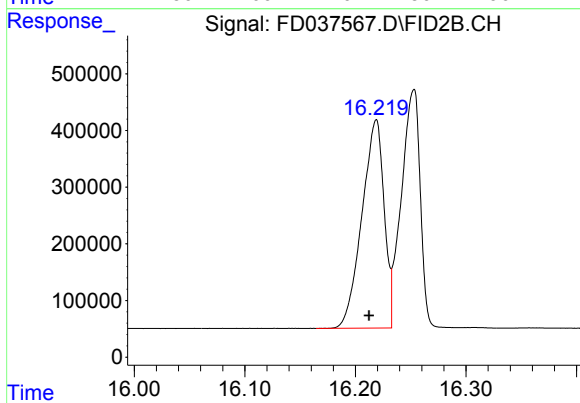
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.668 min
Delta R.T.: 0.004 min
Response: 4898685
Conc: 44.46 ug/ml



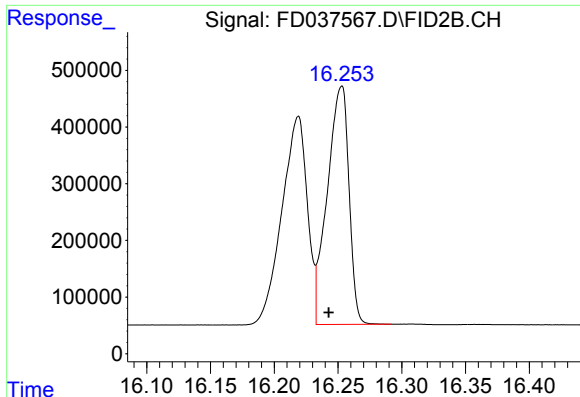
#15 Chrysene (C27.41)

R.T.: 14.712 min
Delta R.T.: 0.007 min
Response: 5273137
Conc: 45.77 ug/ml



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

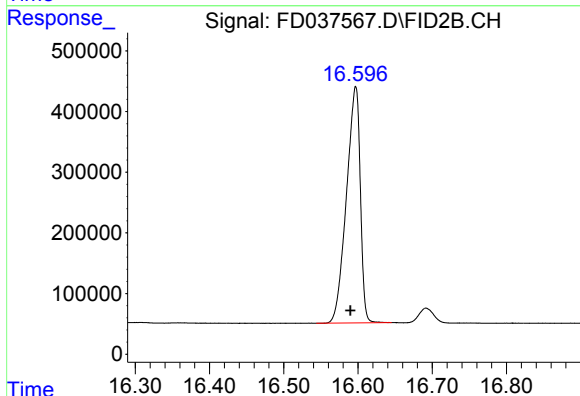
R.T.: 16.219 min
Delta R.T.: 0.006 min
Response: 5115026
Conc: 45.23 ug/ml



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

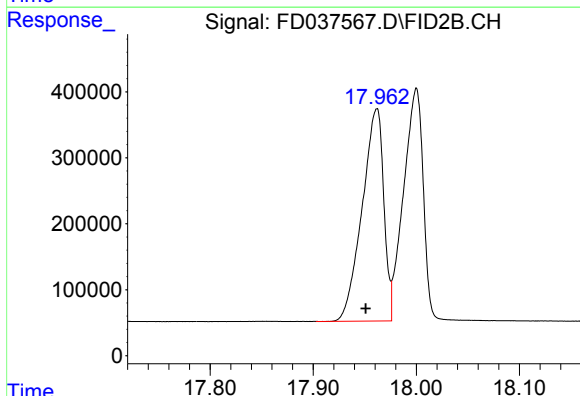
R.T.: 16.253 min
Delta R.T.: 0.010 min
Response: 4982111
Conc: 44.94 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136583BS



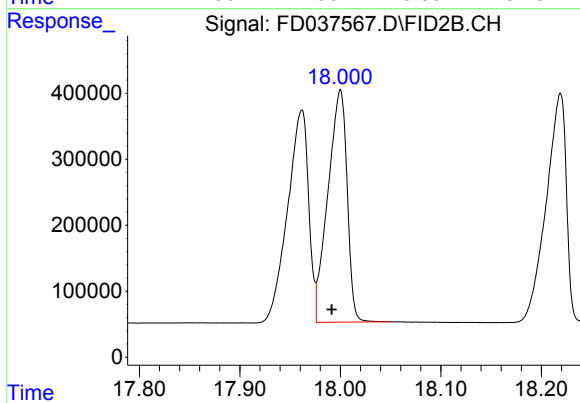
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.597 min
Delta R.T.: 0.007 min
Response: 5049774
Conc: 48.21 ug/ml



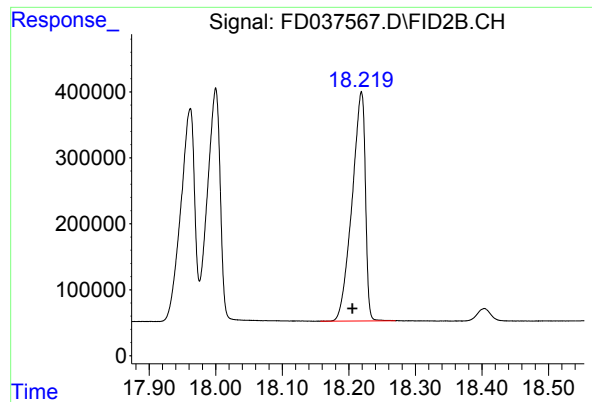
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.962 min
Delta R.T.: 0.011 min
Response: 4686495
Conc: 43.14 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.009 min
Response: 4666947
Conc: 42.63 ug/ml



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

R.T.: 18.219 min
Delta R.T.: 0.014 min
Response: 4831220
Conc: 44.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136583BS