

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AR\
 Data File : FD036594.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 8:36
 Operator : DD\AJ
 Sample : PB135371BSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135371BSD

Integration File: autoint1.e
 Quant Time: Mar 29 08:58:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.594	5965524	42.416 ug/ml
Spiked Amount 50.000		Recovery =	84.83%
6) S 2-Fluorobiphenyl (SURR)	8.454	3998570	42.598 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.20%
11) S ortho-Terphenyl (SURR)	11.494	6012988	39.370 ug/ml
Spiked Amount 50.000		Recovery =	78.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	5228288	35.668 ug/ml
2) T Naphthalene (C11.7)	5.931	5971208	37.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	6188597	39.376 ug/ml
5) T Acenaphthylene (C15.06)	8.258	6009284	40.105 ug/ml
7) T Acenaphthene (C15.5)	8.554	6249848	40.261 ug/ml
8) T Flouorene (C16.55)	9.334	6310894	41.917 ug/ml
9) T Phenanthrene (C19.36)	10.728	6288953	42.907 ug/ml
10) T Anthracene (C19.43)	10.804	6245872	43.144 ug/ml
12) T Fluoranthene (C21.85)	12.538	6038619	43.011 ug/ml
13) T Pyrene (C20.8)	12.834	5908875	43.067 ug/ml
14) T Benzo[a]anthracene (C...	14.702	5120494	43.117 ug/ml
15) T Chrysene (C27.41)	14.746	5379461	44.483 ug/ml
16) T benzo[b]fluoranthene ...	16.248	4762113	43.398 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	4608415	43.354 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	4588406	46.040 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	4199728	41.781 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	4353952	43.180 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	4361046	43.042 ug/ml

(f)=RT Delta > 1/2 Window

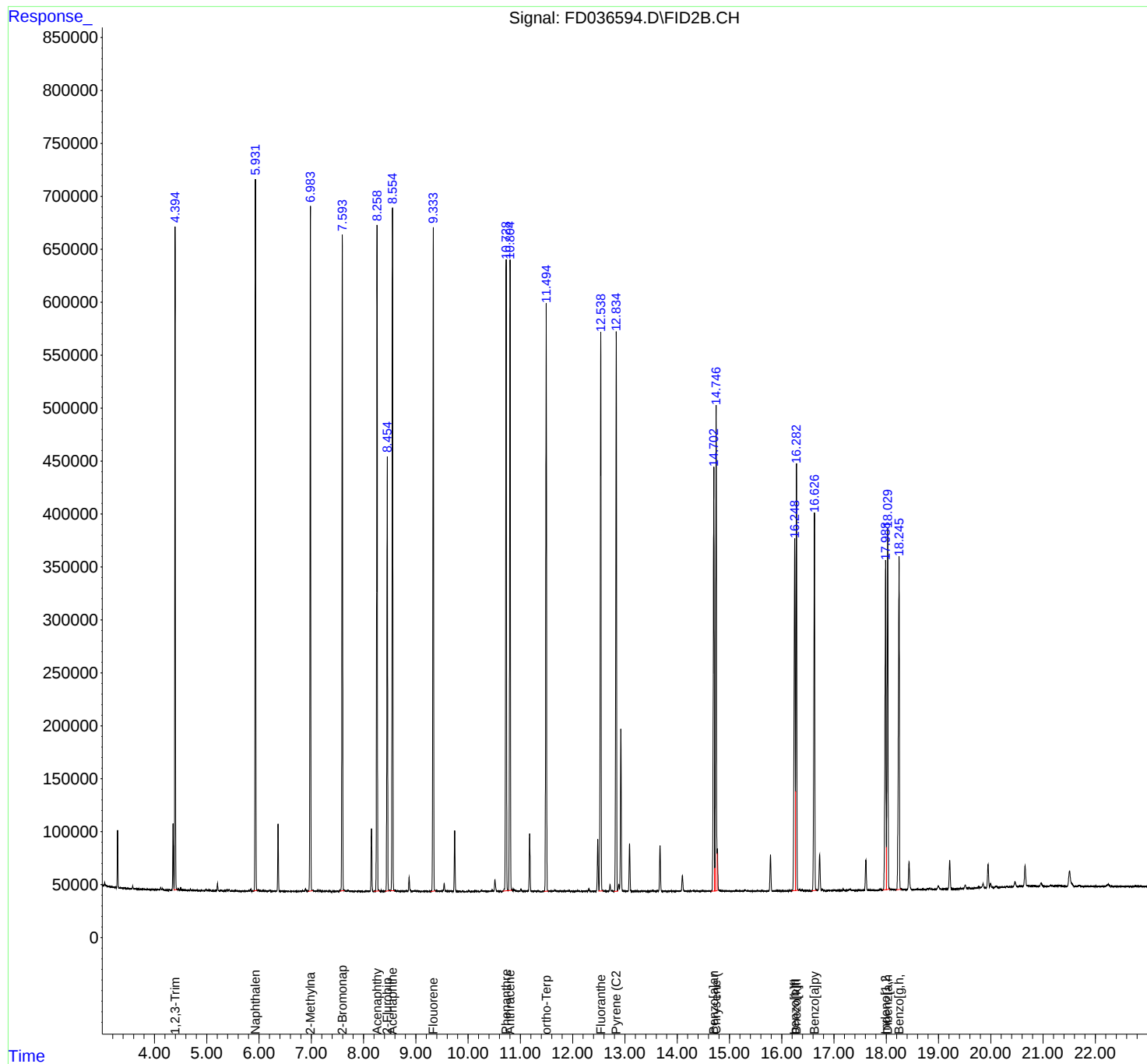
(m)=manual int.

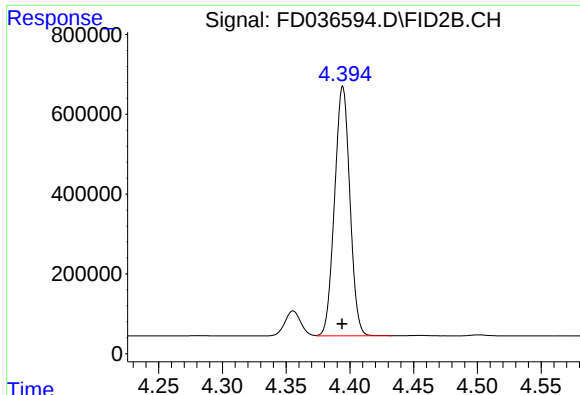
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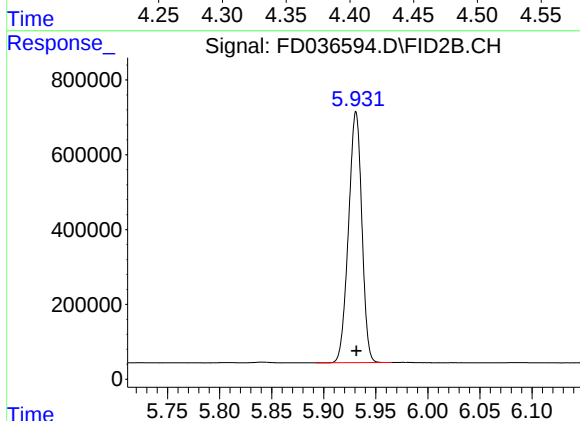




#1 1,2,3-Trimethylbenzene (C10.1)

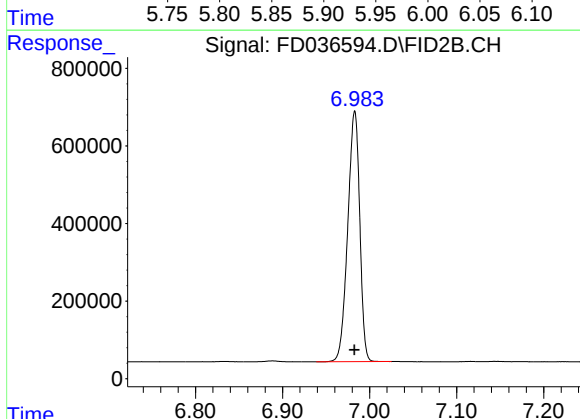
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 5228288
Conc: 35.67 ug/ml

Instrument :
FID_D
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PB135371BSD



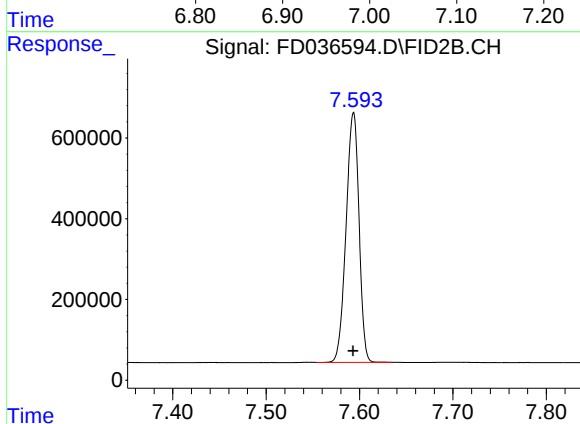
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 5971208
Conc: 37.99 ug/ml



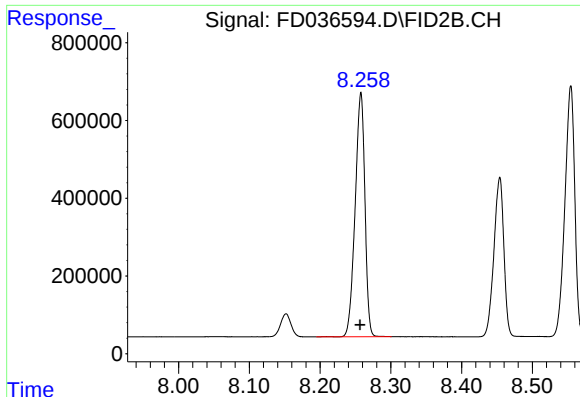
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 6188597
Conc: 39.38 ug/ml



#4 2-Bromonaphthalene (SURR)

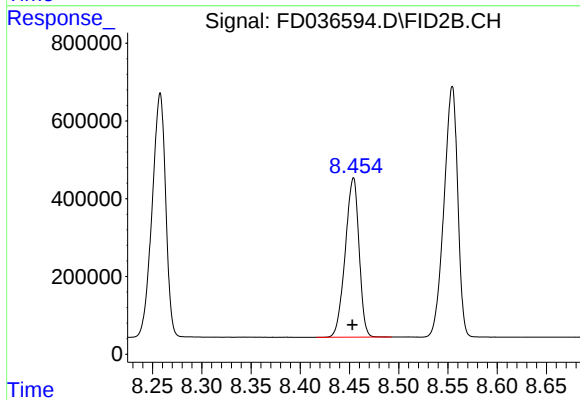
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 5965524
Conc: 42.42 ug/ml



#5 Acenaphthylene (C15.06)

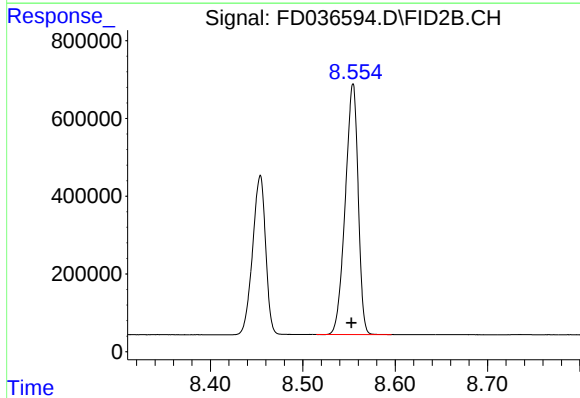
R.T.: 8.258 min
Delta R.T.: 0.001 min
Response: 6009284
Conc: 40.10 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135371BSD



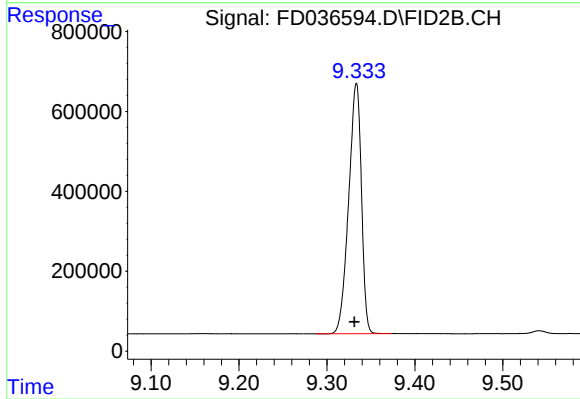
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 3998570
Conc: 42.60 ug/ml



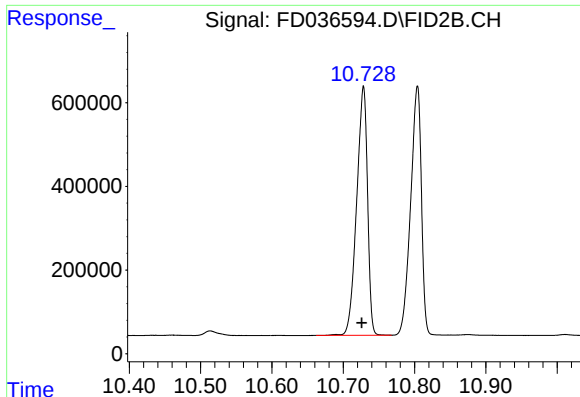
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: 0.002 min
Response: 6249848
Conc: 40.26 ug/ml



#8 Fluorene (C16.55)

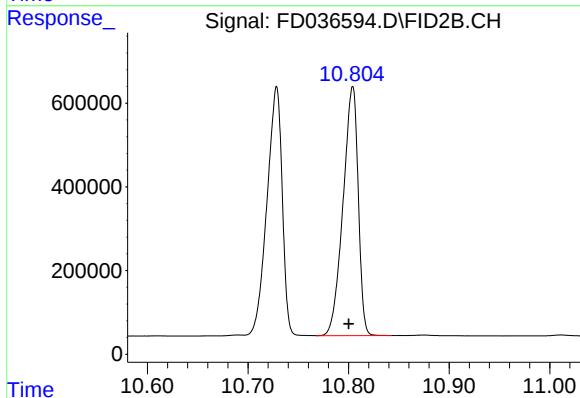
R.T.: 9.334 min
Delta R.T.: 0.002 min
Response: 6310894
Conc: 41.92 ug/ml



#9 Phenanthrene (C19.36)

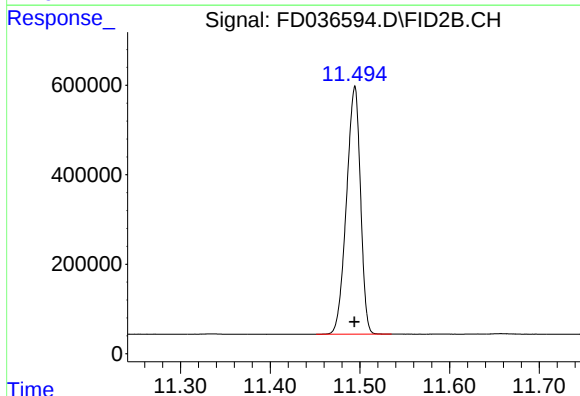
R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 6288953
Conc: 42.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135371BSD



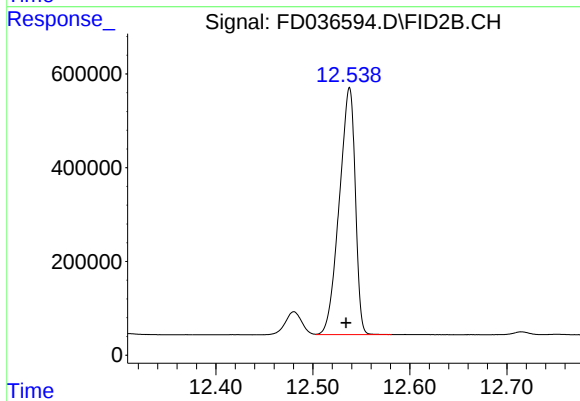
#10 Anthracene (C19.43)

R.T.: 10.804 min
Delta R.T.: 0.004 min
Response: 6245872
Conc: 43.14 ug/ml



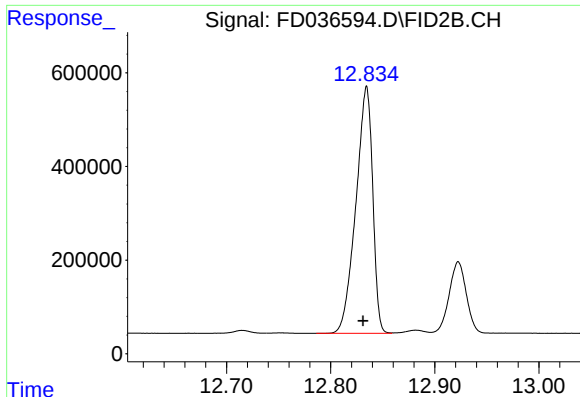
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 6012988
Conc: 39.37 ug/ml



#12 Fluoranthene (C21.85)

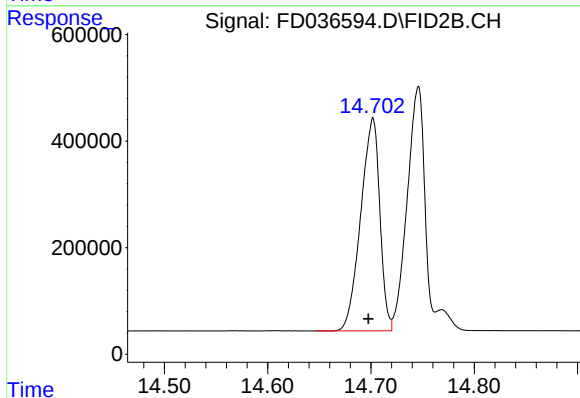
R.T.: 12.538 min
Delta R.T.: 0.004 min
Response: 6038619
Conc: 43.01 ug/ml



#13 Pyrene (C20.8)

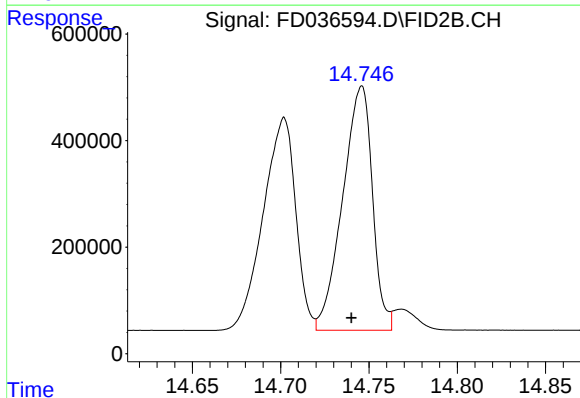
R.T.: 12.834 min
Delta R.T.: 0.003 min
Response: 5908875
Conc: 43.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135371BSD



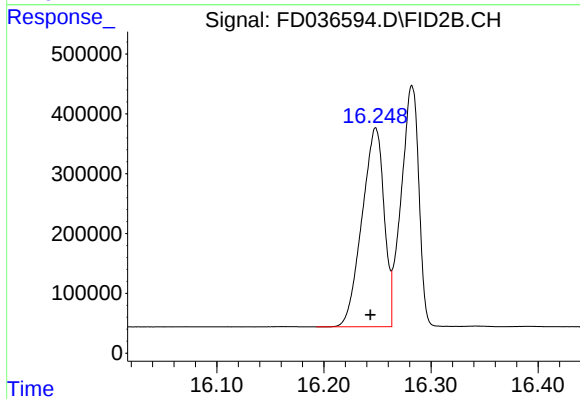
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: 0.004 min
Response: 5120494
Conc: 43.12 ug/ml



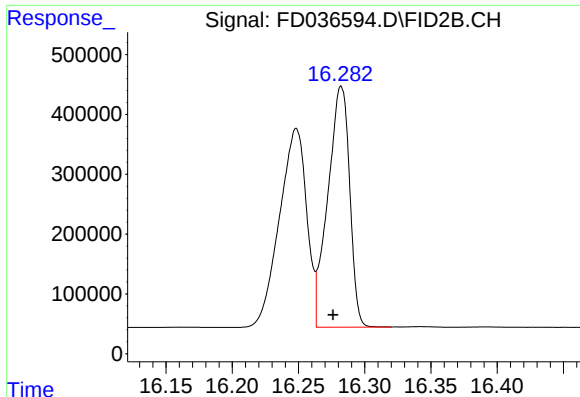
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: 0.006 min
Response: 5379461
Conc: 44.48 ug/ml



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

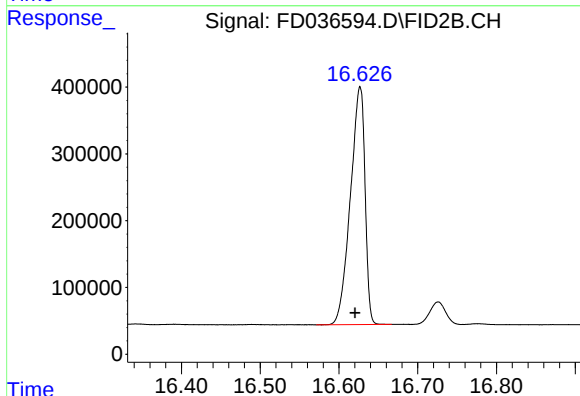
R.T.: 16.248 min
Delta R.T.: 0.005 min
Response: 4762113
Conc: 43.40 ug/ml



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

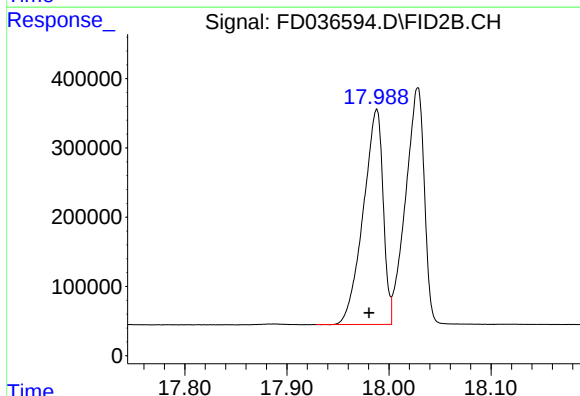
R.T.: 16.282 min
Delta R.T.: 0.006 min
Response: 4608415
Conc: 43.35 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135371BSD



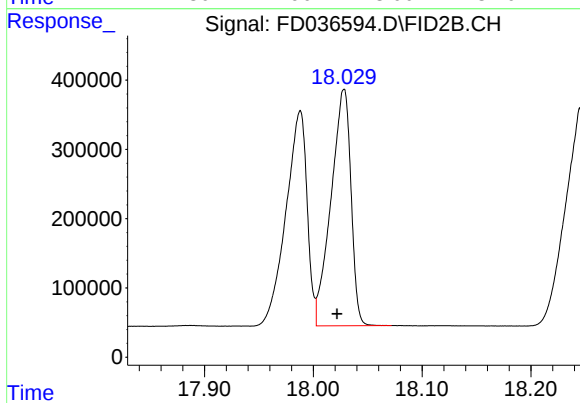
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: 0.006 min
Response: 4588406
Conc: 46.04 ug/ml



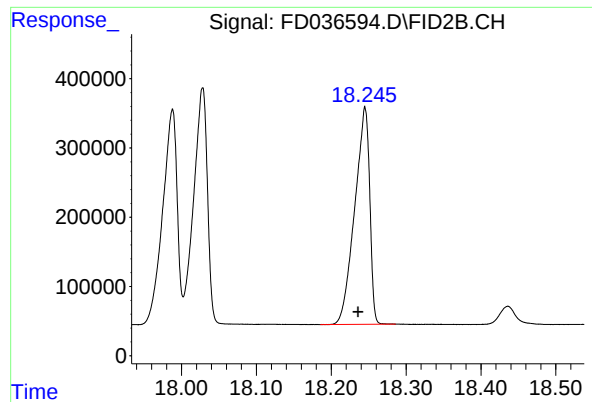
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: 0.007 min
Response: 4199728
Conc: 41.78 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 4353952
Conc: 43.18 ug/ml



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

R.T.: 18.245 min
Delta R.T.: 0.009 min
Response: 4361046
Conc: 43.04 ug/ml

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ClientSampleId :
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