

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036404.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 17:54
 Operator : DD\AJ
 Sample : PB135189BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135189BSD

Integration File: autoint1.e
 Quant Time: Mar 18 02:14:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.603	5951888	50.495 ug/ml
Spiked Amount 50.000		Recovery =	100.99%
6) S 2-Fluorobiphenyl (SURR)	8.464	4127881	49.601 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.20%
11) S ortho-Terphenyl (SURR)	11.505	6418464	45.558 ug/ml
Spiked Amount 50.000		Recovery =	91.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	5696700	45.436 ug/ml
2) T Naphthalene (C11.7)	5.941	6582839	48.578 ug/ml
3) T 2-Methylnaphthalene (...)	6.993	7042563	51.574 ug/ml
5) T Acenaphthylene (C15.06)	8.269	7075988	52.594 ug/ml
7) T Acenaphthene (C15.5)	8.565	7528284	54.390 ug/ml
8) T Fluorene (C16.55)	9.345	7847097	57.501 ug/ml
9) T Phenanthrene (C19.36)	10.741	8221203	59.670 ug/ml
10) T Anthracene (C19.43)	10.816	8155995	60.749 ug/ml
12) T Fluoranthene (C21.85)	12.551	8379833	60.341 ug/ml
13) T Pyrene (C20.8)	12.849	8279934	60.394 ug/ml
14) T Benzo[a]anthracene (C...	14.717	7699178	60.871 ug/ml
15) T Chrysene (C27.41)	14.764	8690180	67.105 ug/ml
16) T benzo[b]fluoranthene ...	16.266	7552212	62.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	7201253	61.154 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	7319803	66.376 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	6874700	62.135 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	6937495	62.691 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	7024979	63.533 ug/ml

(f)=RT Delta > 1/2 Window

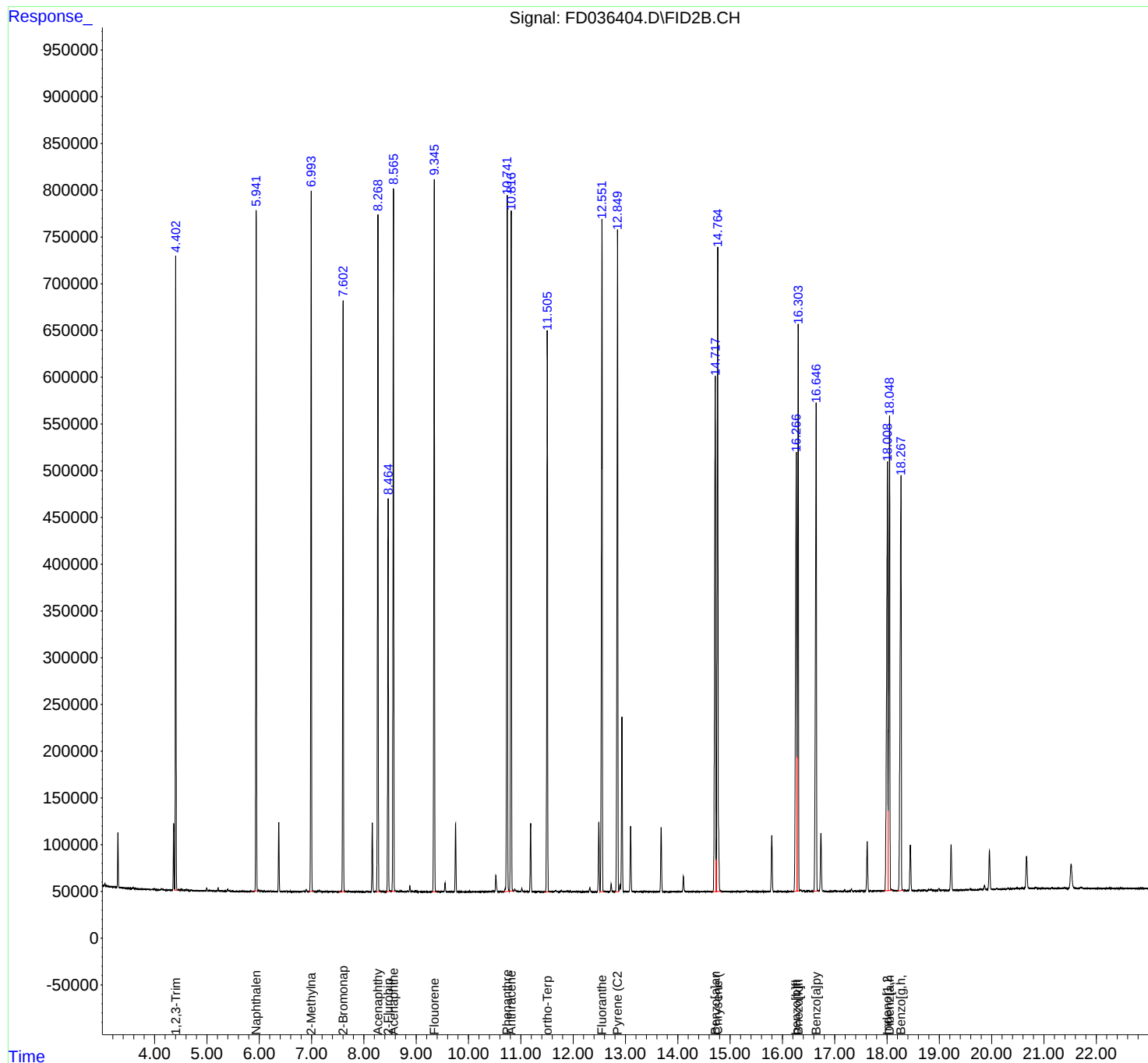
(m)=manual int.

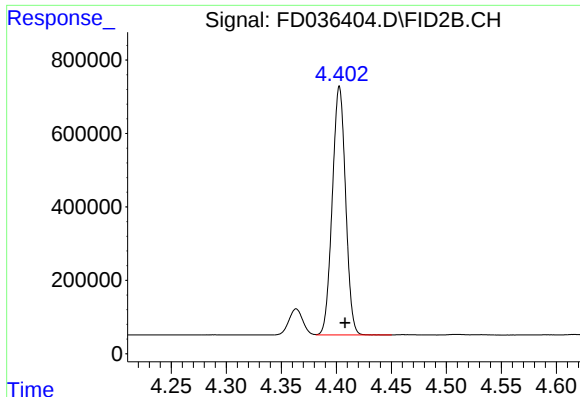
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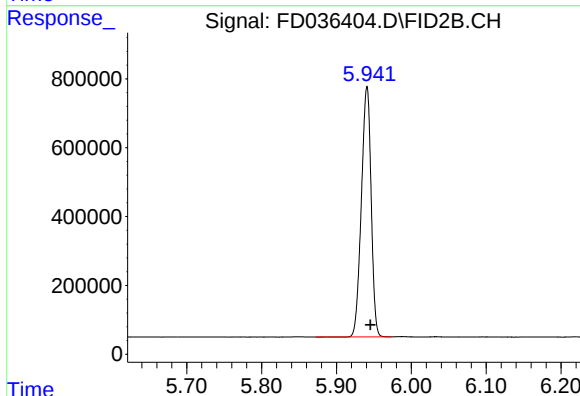




#1 1,2,3-Trimethylbenzene (C10.1)

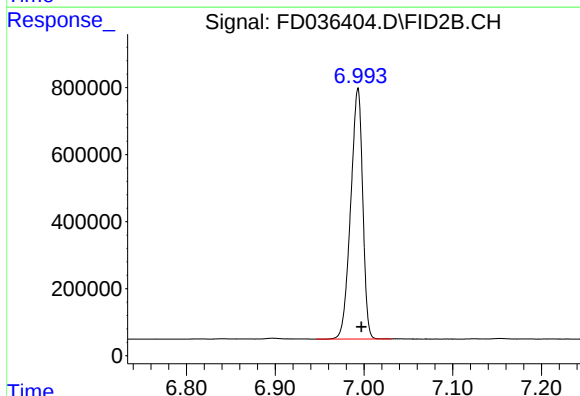
R.T.: 4.403 min
Delta R.T.: -0.005 min
Response: 5696700
Conc: 45.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135189BSD



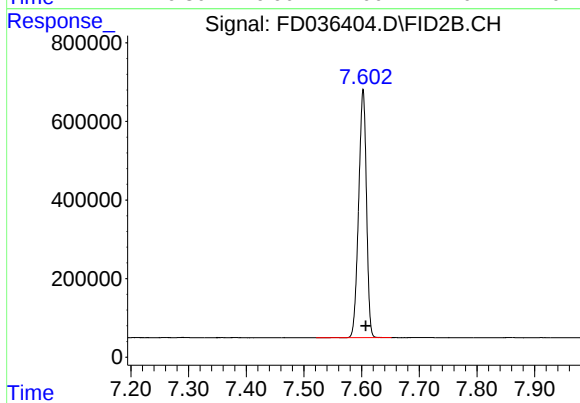
#2 Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 6582839
Conc: 48.58 ug/ml



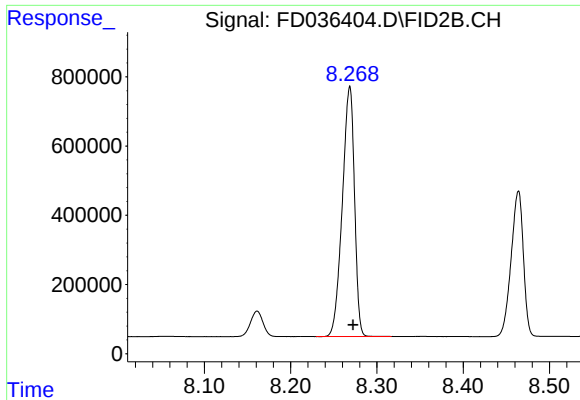
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.004 min
Response: 7042563
Conc: 51.57 ug/ml



#4 2-Bromonaphthalene (SURR)

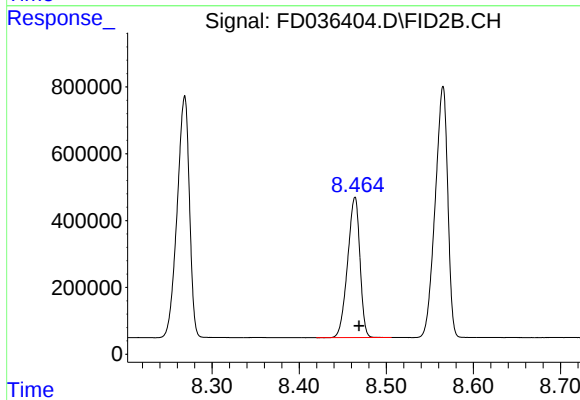
R.T.: 7.603 min
Delta R.T.: -0.005 min
Response: 5951888
Conc: 50.49 ug/ml



#5 Acenaphthylene (C15.06)

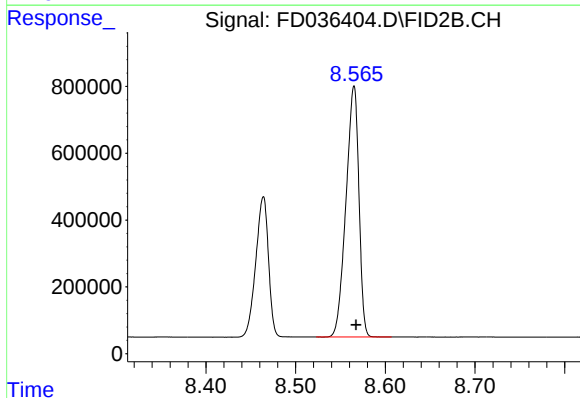
R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 7075988
Conc: 52.59 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135189BSD



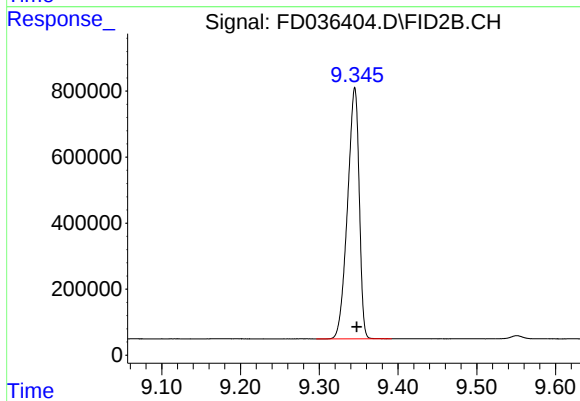
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 4127881
Conc: 49.60 ug/ml



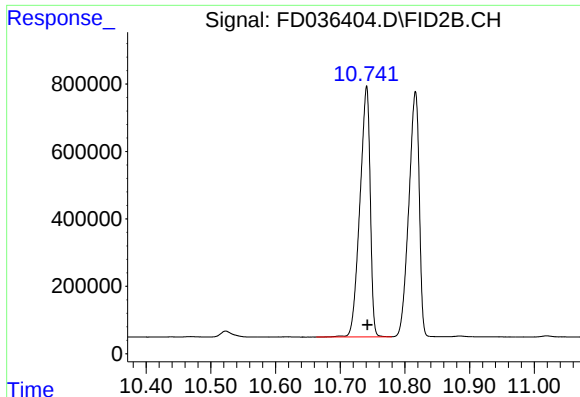
#7 Acenaphthene (C15.5)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 7528284
Conc: 54.39 ug/ml



#8 Flouorene (C16.55)

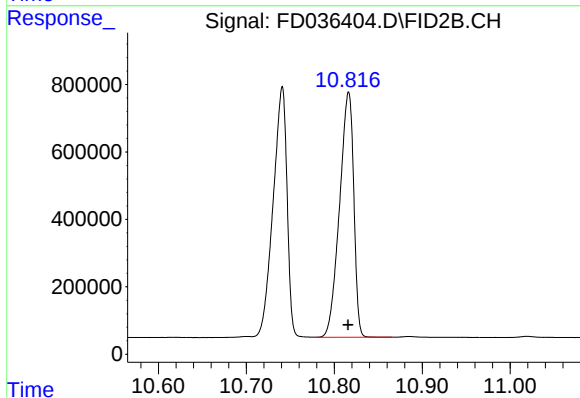
R.T.: 9.345 min
Delta R.T.: -0.002 min
Response: 7847097
Conc: 57.50 ug/ml



#9 Phenanthrene (C19.36)

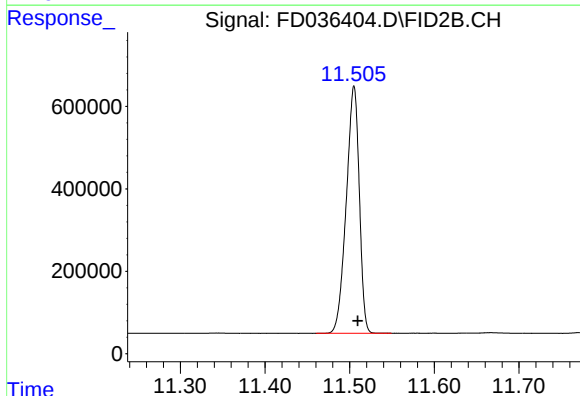
R.T.: 10.741 min
Delta R.T.: -0.001 min
Response: 8221203
Conc: 59.67 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135189BSD



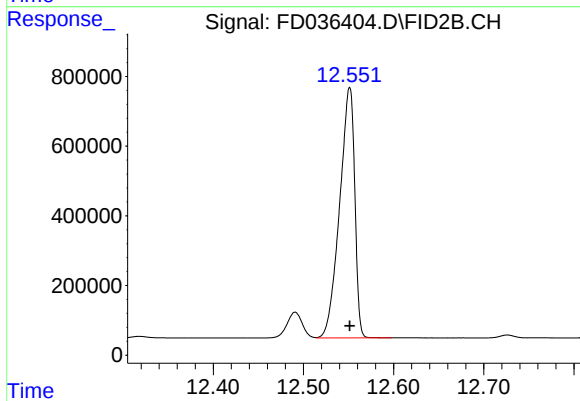
#10 Anthracene (C19.43)

R.T.: 10.816 min
Delta R.T.: 0.000 min
Response: 8155995
Conc: 60.75 ug/ml



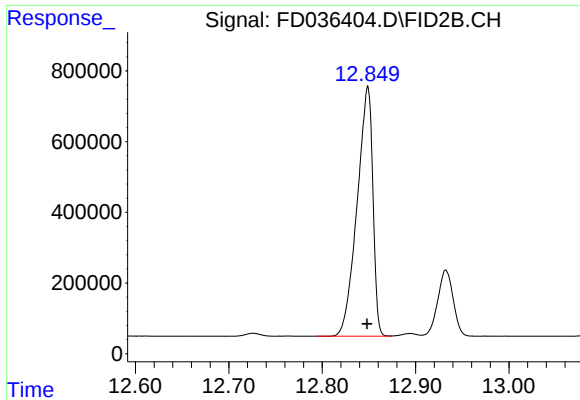
#11 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 6418464
Conc: 45.56 ug/ml



#12 Fluoranthene (C21.85)

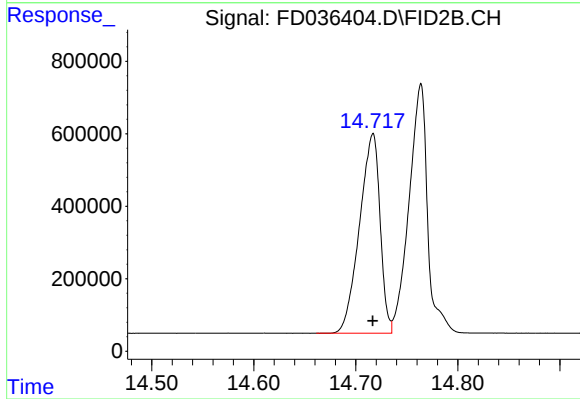
R.T.: 12.551 min
Delta R.T.: 0.000 min
Response: 8379833
Conc: 60.34 ug/ml



#13 Pyrene (C20.8)

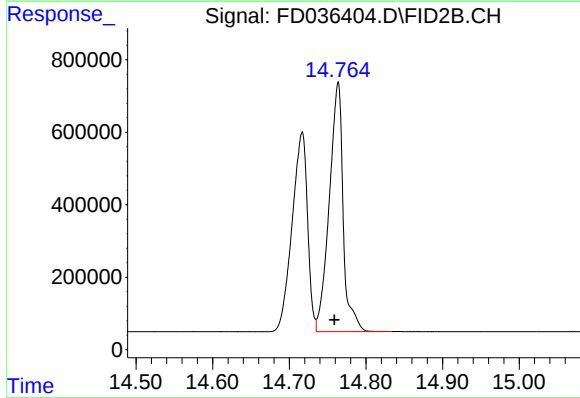
R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 8279934
Conc: 60.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135189BSD



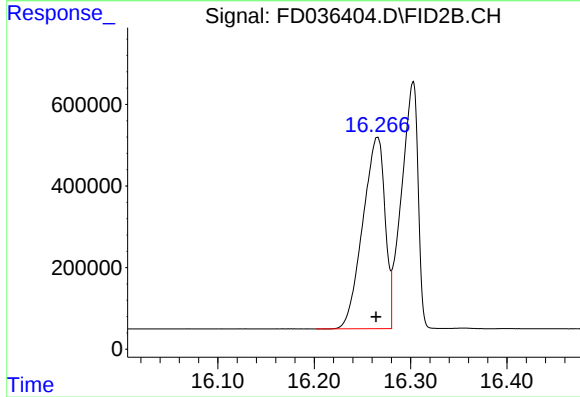
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.717 min
Delta R.T.: 0.000 min
Response: 7699178
Conc: 60.87 ug/ml



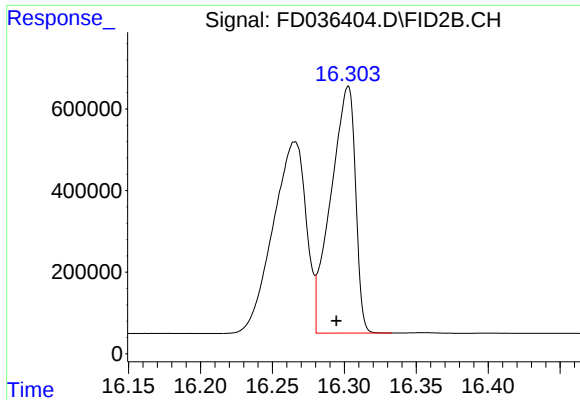
#15 Chrysene (C27.41)

R.T.: 14.764 min
Delta R.T.: 0.005 min
Response: 8690180
Conc: 67.11 ug/ml



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

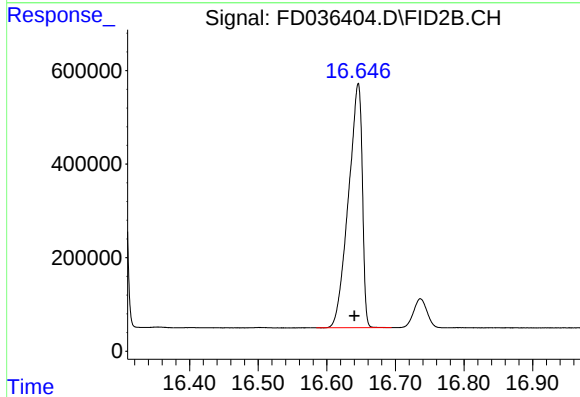
R.T.: 16.266 min
Delta R.T.: 0.002 min
Response: 7552212
Conc: 62.05 ug/ml



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

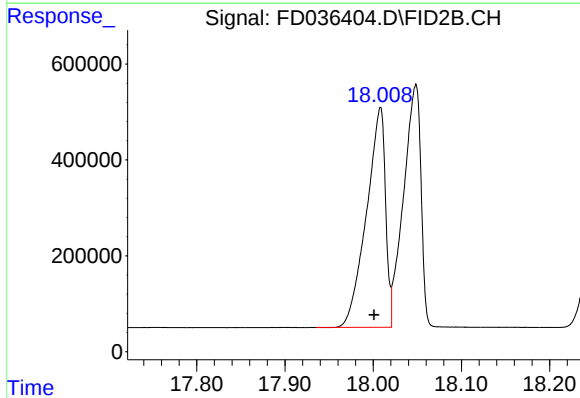
R.T.: 16.303 min
Delta R.T.: 0.008 min
Response: 7201253
Conc: 61.15 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135189BSD



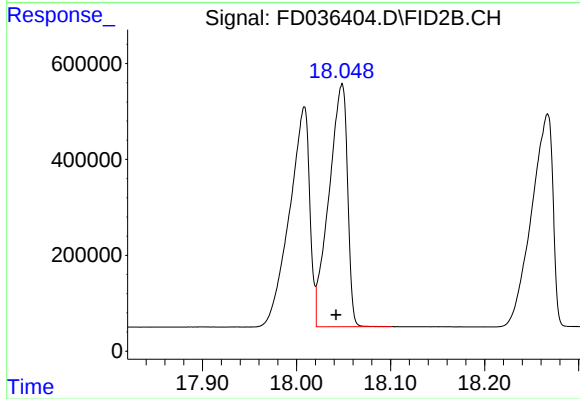
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: 0.005 min
Response: 7319803
Conc: 66.38 ug/ml



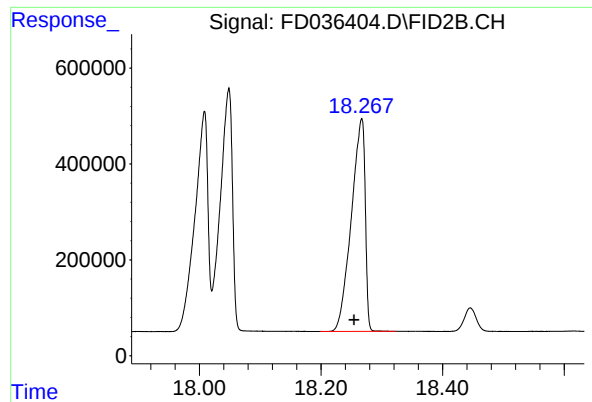
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: 0.007 min
Response: 6874700
Conc: 62.14 ug/ml



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

R.T.: 18.048 min
Delta R.T.: 0.006 min
Response: 6937495
Conc: 62.69 ug/ml



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

R.T.: 18.267 min
Delta R.T.: 0.013 min
Response: 7024979
Conc: 63.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135189BSD