

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045848.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 18:28
 Operator : YP/AJ
 Sample : PB153491BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:38:54 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...	7.525	7326349	40.637 ug/ml
Spiked Amount 50.000		Recovery =	81.27%
6) S 2-Fluorobiphenyl (SURR)	8.381	4762914	39.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.23%
11) S ortho-Terphenyl (SURR)	11.421	7451782	33.361 ug/ml
Spiked Amount 50.000		Recovery =	66.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	6627831	32.831 ug/ml
2) T Naphthalene (C11.7)	5.864	7442870	35.125 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	7359488	34.845 ug/ml
5) T Acenaphthylene (C15.06)	8.185	7870491	41.541 ug/ml
7) T Acenaphthene (C15.5)	8.481	8240880	40.760 ug/ml
8) T Fluorene (C16.55)	9.260	8204614	41.409 ug/ml
9) T Phenanthrene (C19.36)	10.651	8455744	44.199 ug/ml
10) T Anthracene (C19.43)	10.727	8442257	49.559 ug/ml
12) T Fluoranthene (C21.85)	12.457	8481527	45.908 ug/ml
13) T Pyrene (C20.8)	12.752	8436480	47.237 ug/ml
14) T Benzo[a]anthracene (C...	14.616	7611269	48.613 ug/ml
15) T Chrysene (C27.41)	14.660	7502513	45.475 ug/ml
16) T benzo[b]fluoranthene ...	16.158	7468283	49.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.194	7172611	46.329 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	6548977	44.783 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	6713897	45.839 ug/ml
20) T Dibenz[a,h]anthracene...	17.934	6632487	44.211 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	6857968	46.478 ug/ml

(f)=RT Delta > 1/2 Window

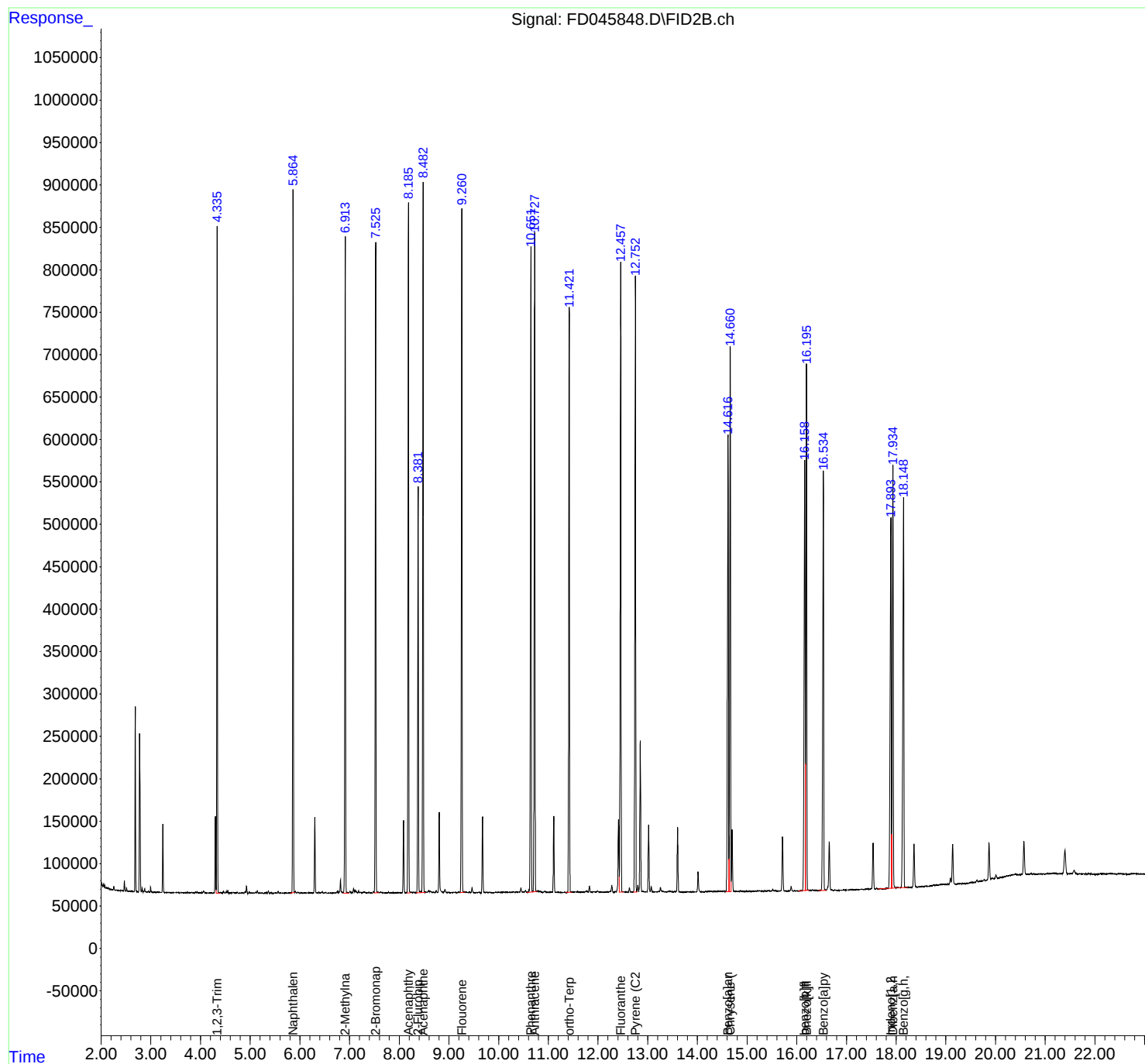
(m)=manual int.

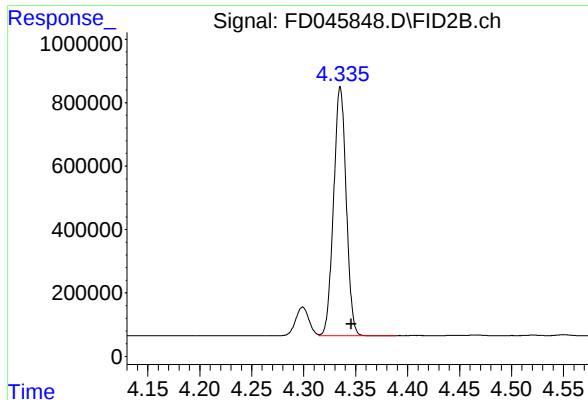
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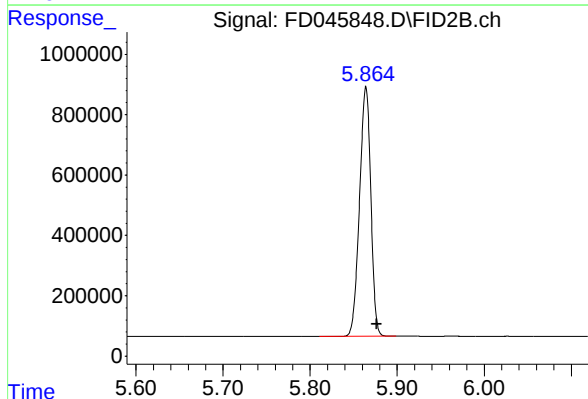




#1 1,2,3-Trimethylbenzene (C10.1)

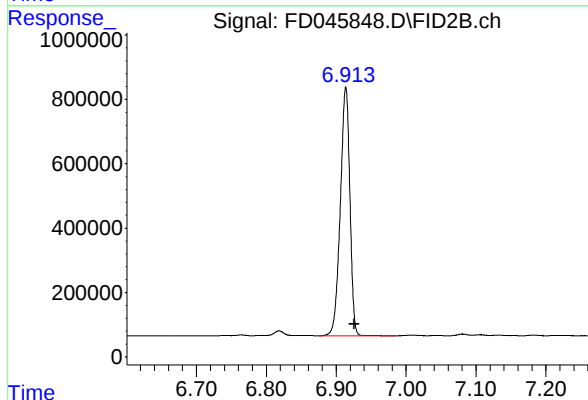
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 6627831
Conc: 32.83 ug/ml

Instrument :
FID_D
ClientSampleId :



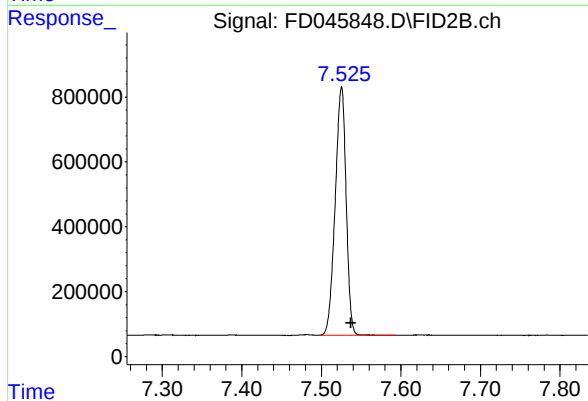
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.012 min
Response: 7442870
Conc: 35.13 ug/ml



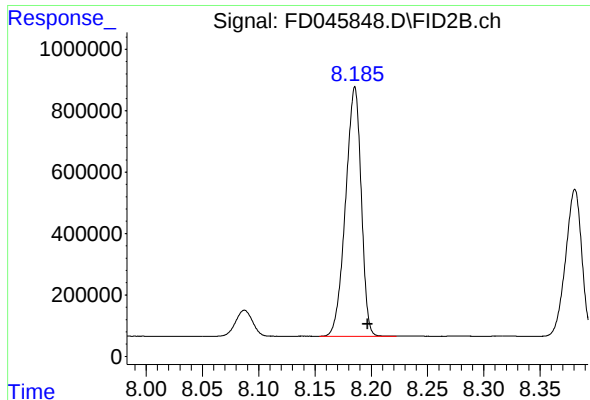
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.012 min
Response: 7359488
Conc: 34.85 ug/ml



#4 2-Bromonaphthalene (SURR)

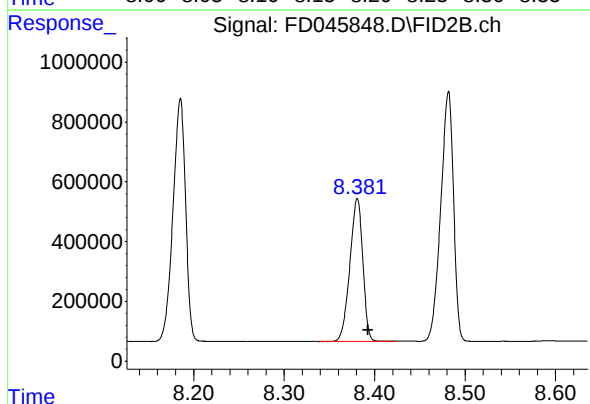
R.T.: 7.525 min
Delta R.T.: -0.012 min
Response: 7326349
Conc: 40.64 ug/ml



#5 Acenaphthylene (C15.06)

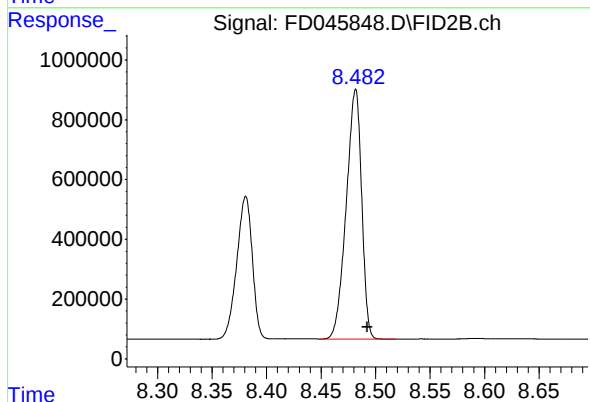
R.T.: 8.185 min
Delta R.T.: -0.012 min
Response: 7870491
Conc: 41.54 ug/ml

Instrument :
FID_D
ClientSampleId :



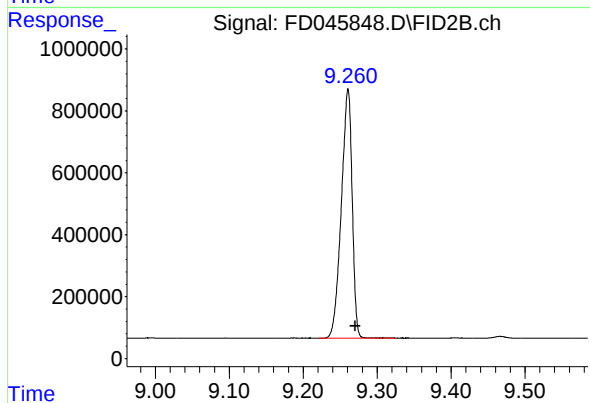
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.381 min
Delta R.T.: -0.012 min
Response: 4762914
Conc: 39.62 ug/ml



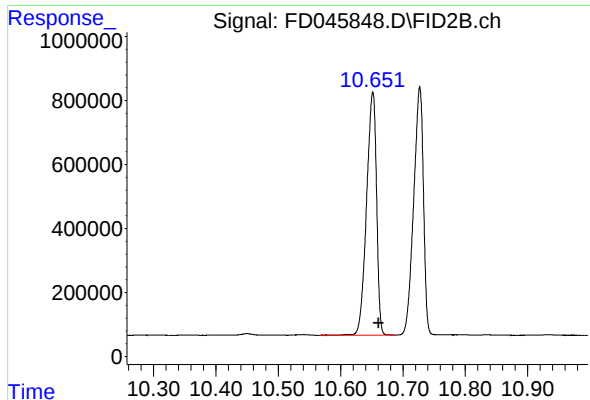
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 8240880
Conc: 40.76 ug/ml



#8 Flouorene (C16.55)

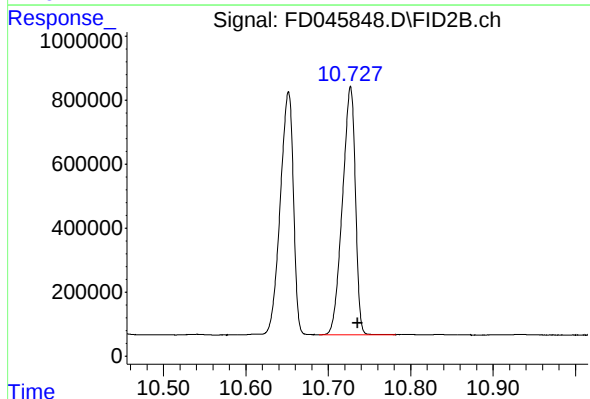
R.T.: 9.260 min
Delta R.T.: -0.010 min
Response: 8204614
Conc: 41.41 ug/ml



#9 Phenanthrene (C19.36)

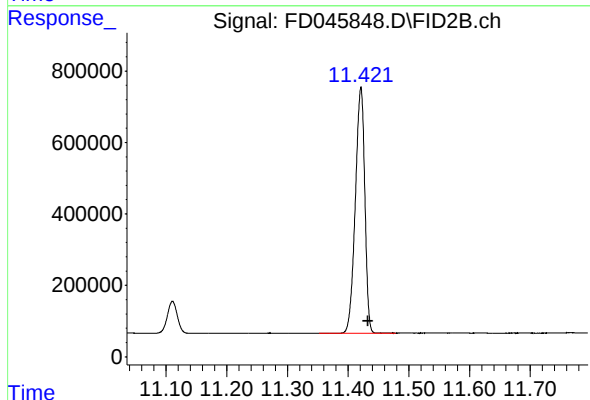
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 8455744
Conc: 44.20 ug/ml

Instrument :
FID_D
ClientSampleId :



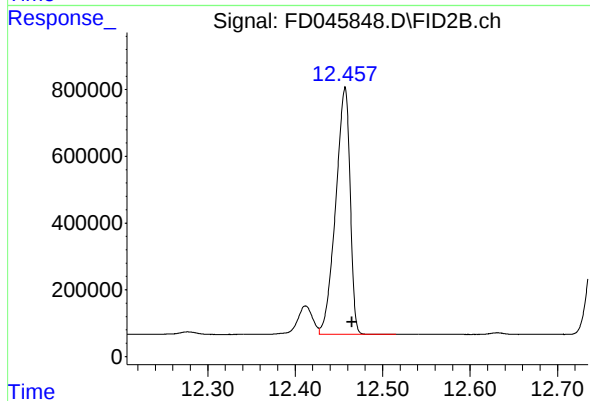
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.009 min
Response: 8442257
Conc: 49.56 ug/ml



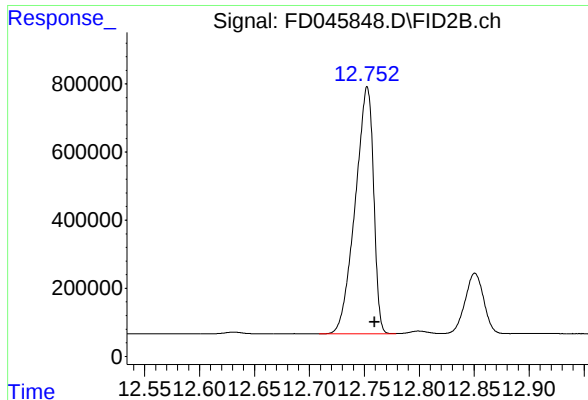
#11 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: -0.012 min
Response: 7451782
Conc: 33.36 ug/ml



#12 Fluoranthene (C21.85)

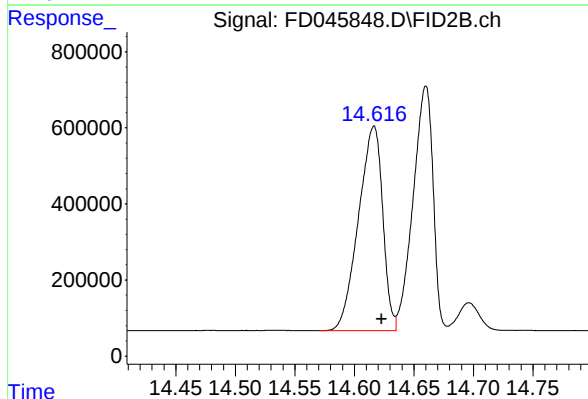
R.T.: 12.457 min
Delta R.T.: -0.008 min
Response: 8481527
Conc: 45.91 ug/ml



#13 Pyrene (C20.8)

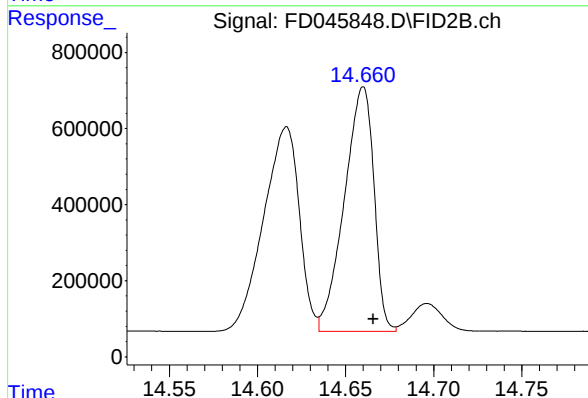
R.T.: 12.752 min
Delta R.T.: -0.007 min
Response: 8436480
Conc: 47.24 ug/ml

Instrument :
FID_D
ClientSampleId :



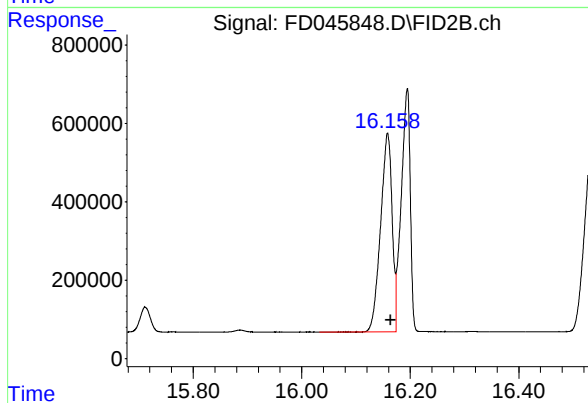
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.616 min
Delta R.T.: -0.007 min
Response: 7611269
Conc: 48.61 ug/ml



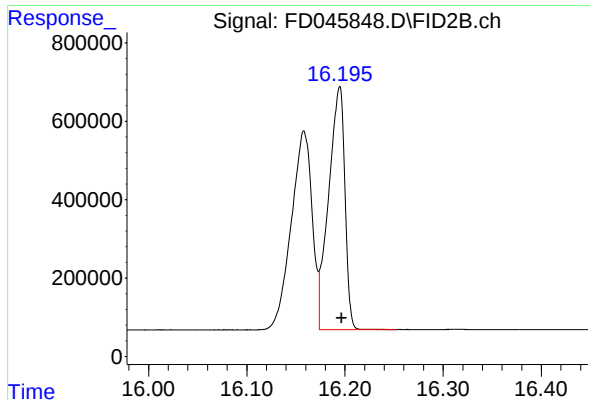
#15 Chrysene (C27.41)

R.T.: 14.660 min
Delta R.T.: -0.006 min
Response: 7502513
Conc: 45.47 ug/ml



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

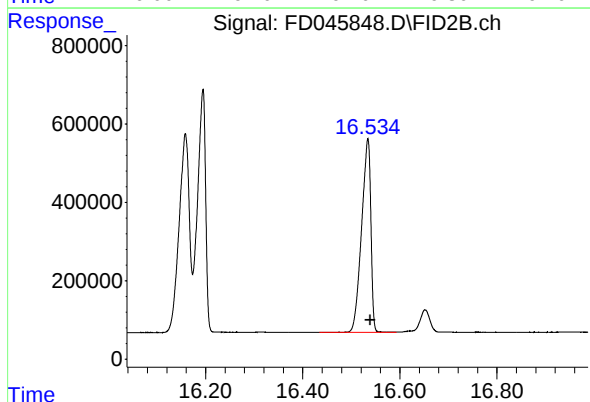
R.T.: 16.158 min
Delta R.T.: -0.006 min
Response: 7468283
Conc: 49.35 ug/ml



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

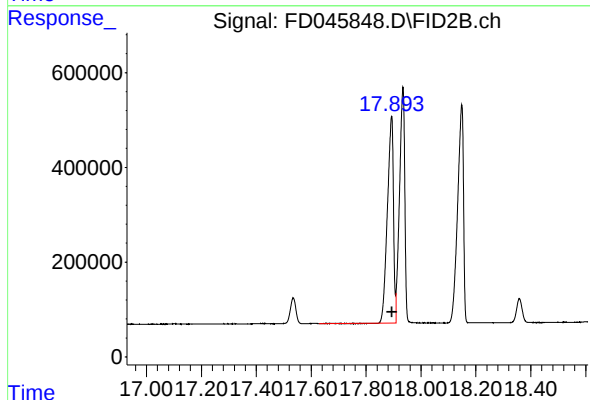
R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 7172611
Conc: 46.33 ug/ml

Instrument :
FID_D
ClientSampleId :



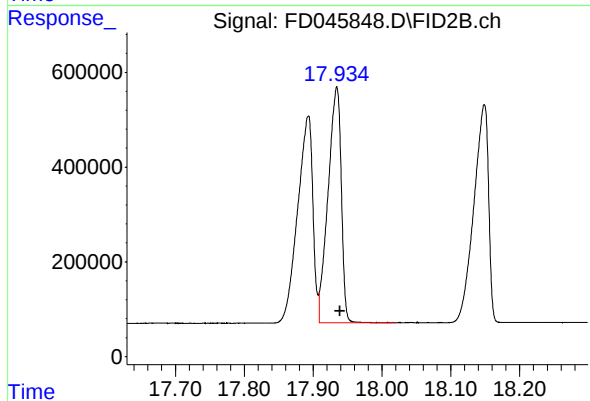
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: -0.006 min
Response: 6548977
Conc: 44.78 ug/ml



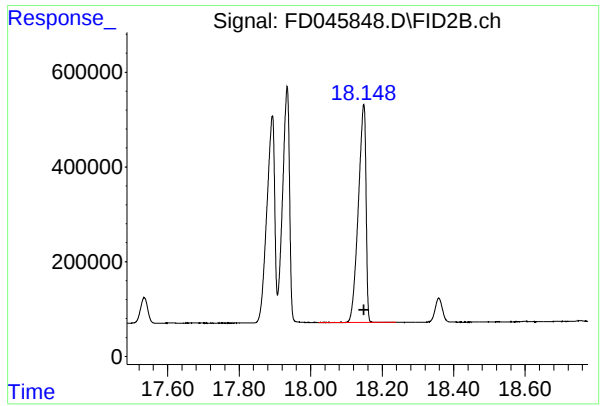
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: -0.003 min
Response: 6713897
Conc: 45.84 ug/ml



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

R.T.: 17.934 min
Delta R.T.: -0.005 min
Response: 6632487
Conc: 44.21 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.001 min
Response: 6857968
Conc: 46.48 ug/ml

Instrument :
FID_D
ClientSampleId :