

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045873.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 12:33
 Operator : YP/AJ
 Sample : 03282-13
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:57 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...	7.527	8367897	46.414 ug/ml
Spiked Amount 50.000		Recovery =	92.83%
6) S 2-Fluorobiphenyl (SURR)	8.382	5460836	45.421 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.84%
11) S ortho-Terphenyl (SURR)	11.421	6241471	27.943 ug/ml
Spiked Amount 50.000		Recovery =	55.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296	18912	0.094 ug/ml
2) T Naphthalene (C11.7)	5.864	65682	0.310 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	61538	0.291 ug/ml
5) T Acenaphthylene (C15.06)	8.184	52161	0.275 ug/ml
7) T Acenaphthene (C15.5)	8.438f	41870	0.207 ug/ml
8) T Flouorene (C16.55)	9.267	39025	0.197 ug/ml
9) T Phenanthrene (C19.36)	10.645	124716	0.652 ug/ml
10) T Anthracene (C19.43)	10.719	46959	0.276 ug/ml
12) T Fluoranthene (C21.85)	12.448	201163	1.089 ug/ml
13) T Pyrene (C20.8)	12.742	193413	1.083 ug/ml
14) T Benzo[a]anthracene (C...	14.606	98058	0.626 ug/ml
15) T Chrysene (C27.41)	14.646	163531	0.991 ug/ml
16) T benzo[b]fluoranthene ...	16.178	81979	0.542 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	81979	0.530 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	98180	0.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	402043	2.745 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	185493	1.236 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	121071	0.821 ug/ml

(f)=RT Delta > 1/2 Window

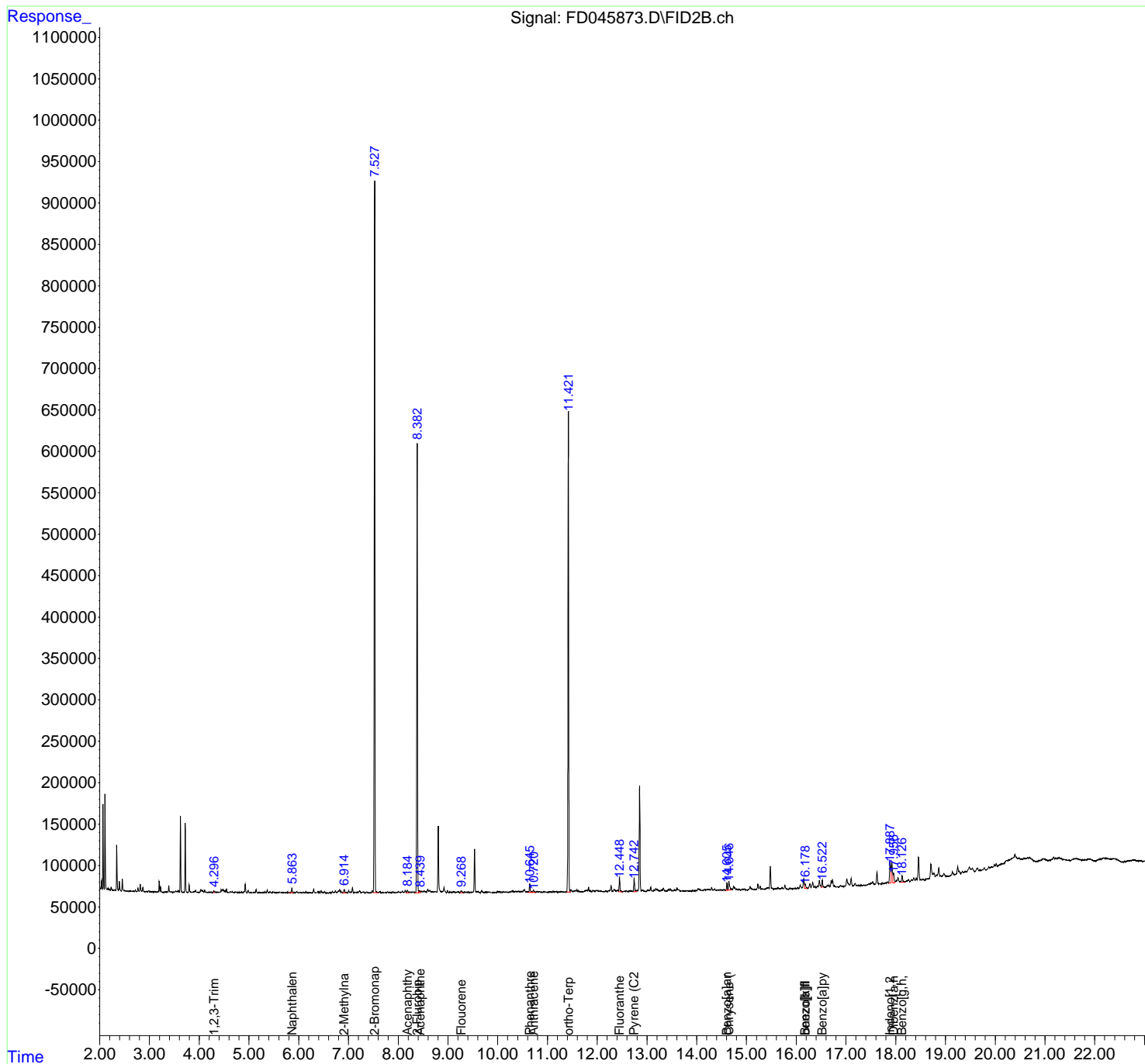
(m)=manual int.

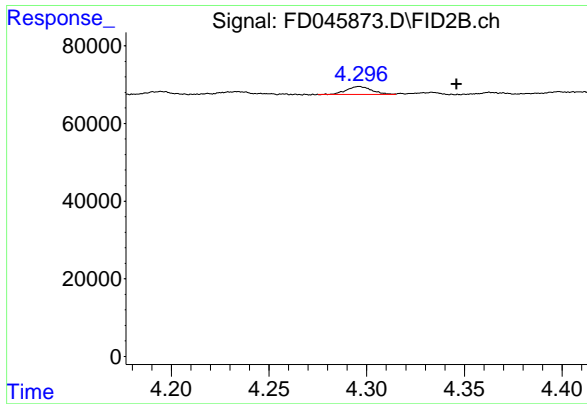
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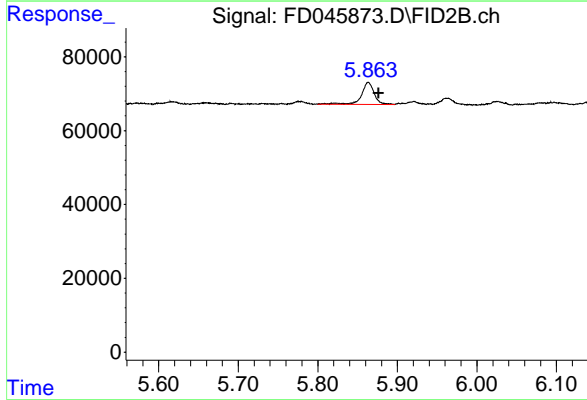




#1 1,2,3-Trimethylbenzene (C10.1)

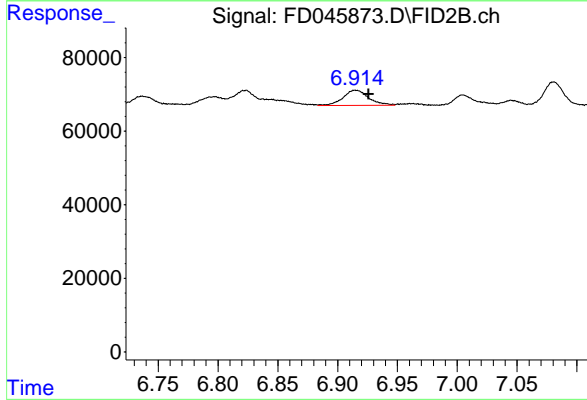
R.T.: 4.296 min
 Delta R.T.: -0.050 min
 Response: 18912
 Conc: 0.09 ug/ml

Instrument :
 FID_D
 ClientSampleId :



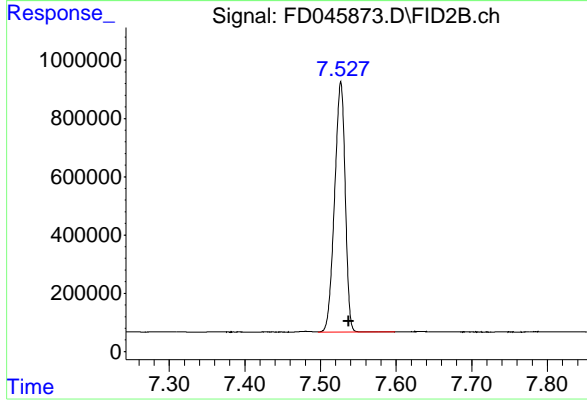
#2 Naphthalene (C11.7)

R.T.: 5.864 min
 Delta R.T.: -0.013 min
 Response: 65682
 Conc: 0.31 ug/ml



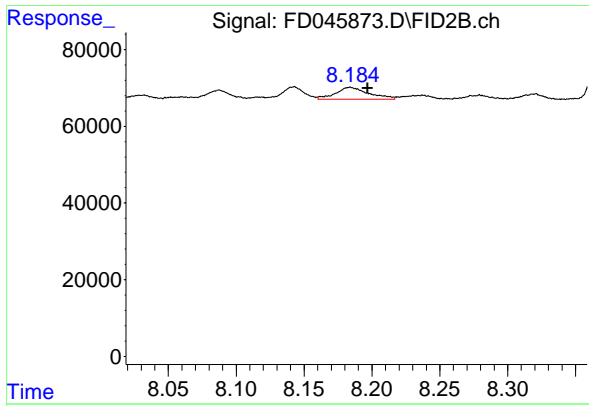
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
 Delta R.T.: -0.011 min
 Response: 61538
 Conc: 0.29 ug/ml



#4 2-Bromonaphthalene (SURR)

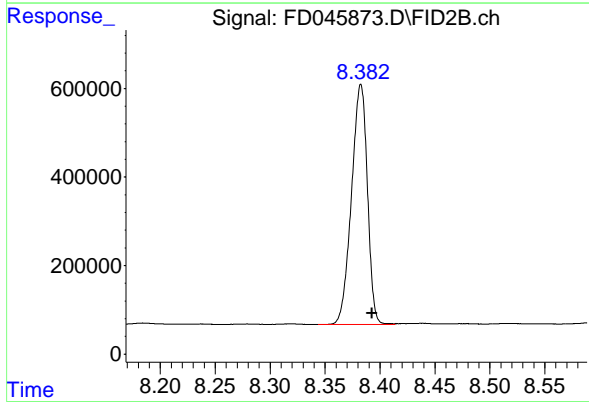
R.T.: 7.527 min
 Delta R.T.: -0.011 min
 Response: 8367897
 Conc: 46.41 ug/ml



#5 Acenaphthylene (C15.06)

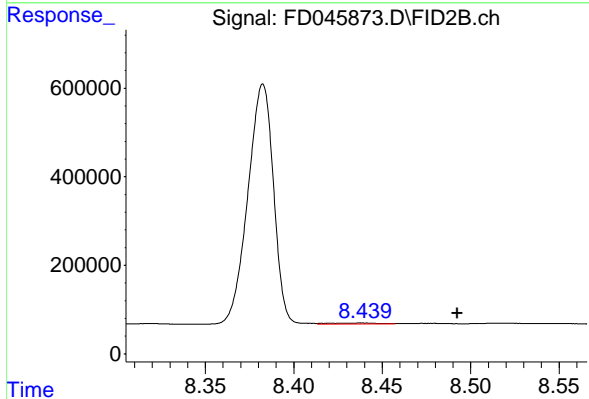
R.T.: 8.184 min
 Delta R.T.: -0.013 min
 Response: 52161
 Conc: 0.28 ug/ml

Instrument :
 FID_D
 ClientSampleId :



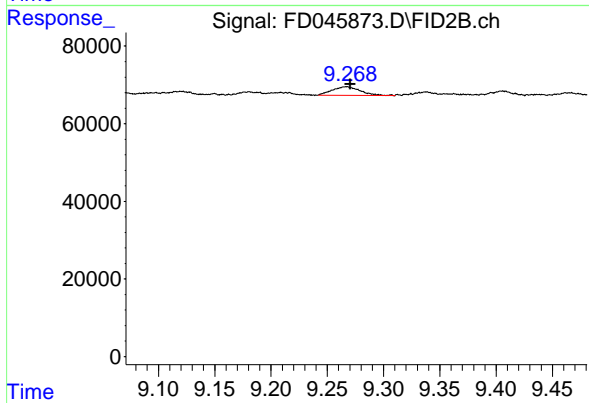
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
 Delta R.T.: -0.010 min
 Response: 5460836
 Conc: 45.42 ug/ml



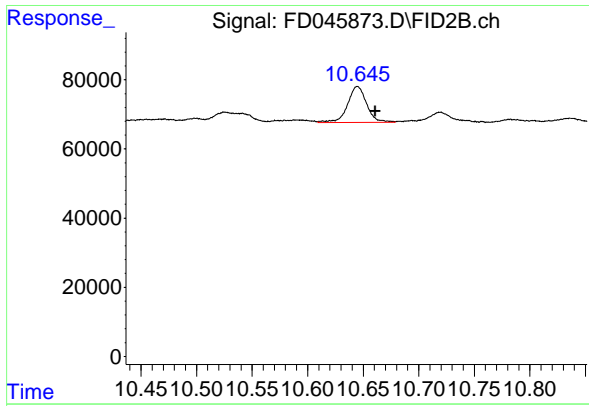
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
 Delta R.T.: -0.054 min
 Response: 41870
 Conc: 0.21 ug/ml



#8 Fluorene (C16.55)

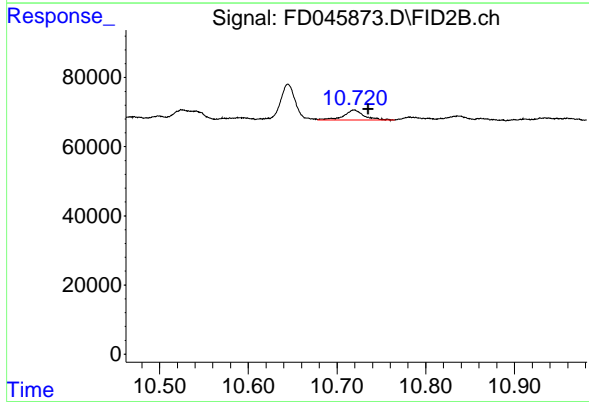
R.T.: 9.267 min
 Delta R.T.: -0.004 min
 Response: 39025
 Conc: 0.20 ug/ml



#9 Phenanthrene (C19.36)

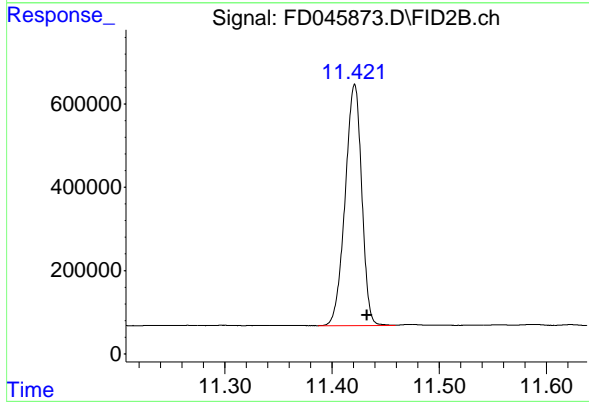
R.T.: 10.645 min
 Delta R.T.: -0.016 min
 Response: 124716
 Conc: 0.65 ug/ml

Instrument :
 FID_D
 ClientSampleId :



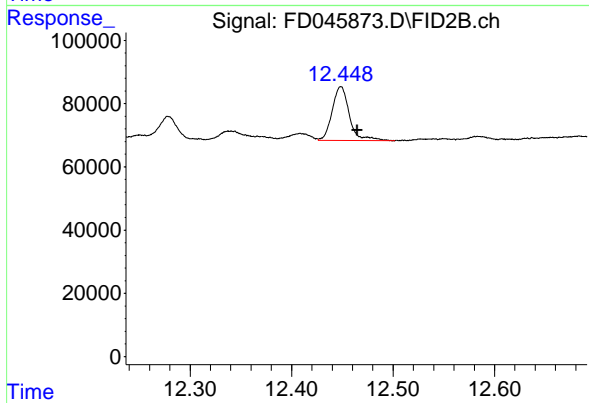
#10 Anthracene (C19.43)

R.T.: 10.719 min
 Delta R.T.: -0.016 min
 Response: 46959
 Conc: 0.28 ug/ml



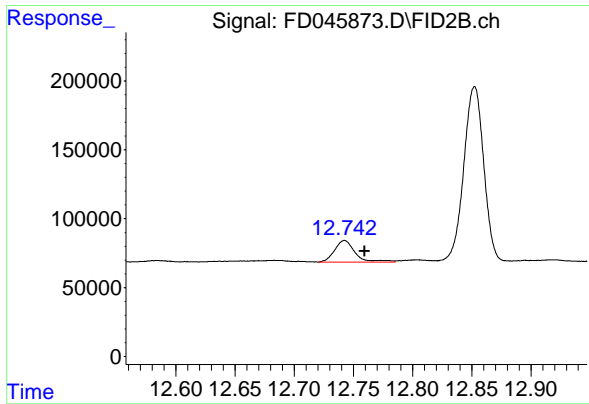
#11 ortho-Terphenyl (SURR)

R.T.: 11.421 min
 Delta R.T.: -0.012 min
 Response: 6241471
 Conc: 27.94 ug/ml



#12 Fluoranthene (C21.85)

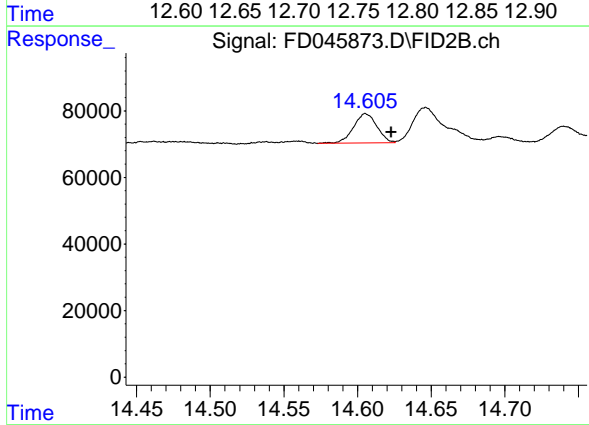
R.T.: 12.448 min
 Delta R.T.: -0.016 min
 Response: 201163
 Conc: 1.09 ug/ml



#13 Pyrene (C20.8)

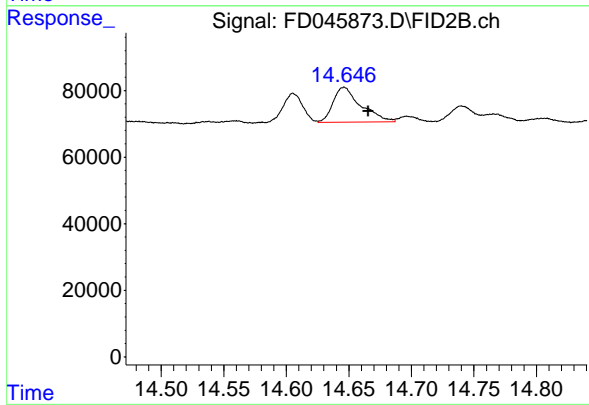
R.T.: 12.742 min
 Delta R.T.: -0.017 min
 Response: 193413
 Conc: 1.08 ug/ml

Instrument : FID_D
 ClientSampleId :



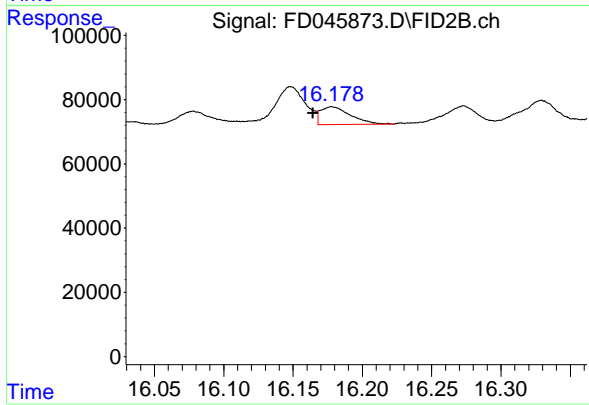
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.606 min
 Delta R.T.: -0.017 min
 Response: 98058
 Conc: 0.63 ug/ml



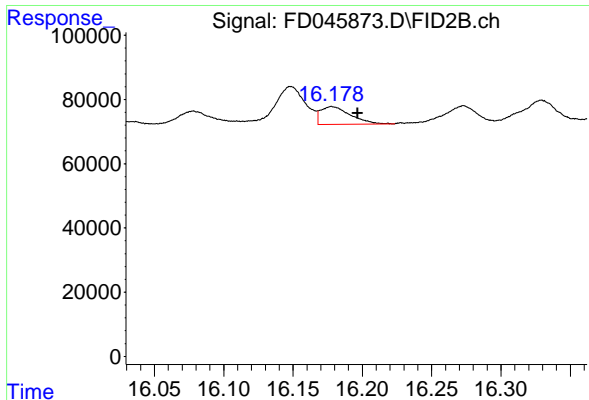
#15 Chrysene (C27.41)

R.T.: 14.646 min
 Delta R.T.: -0.019 min
 Response: 163531
 Conc: 0.99 ug/ml



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

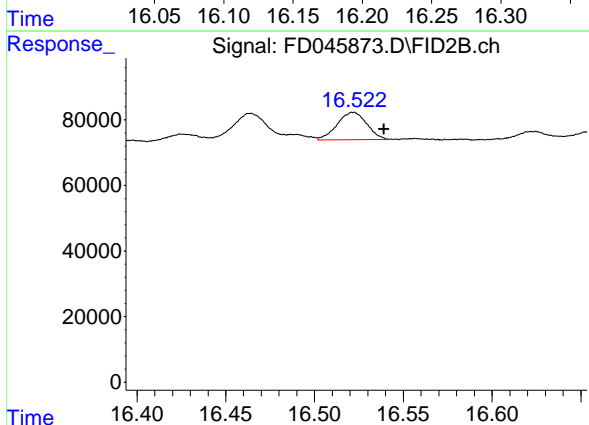
R.T.: 16.178 min
 Delta R.T.: 0.014 min
 Response: 81979
 Conc: 0.54 ug/ml



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

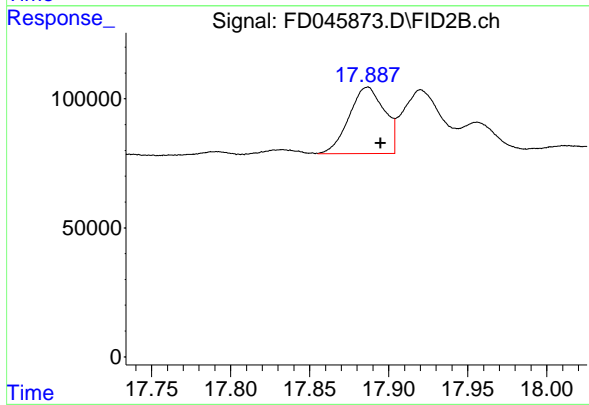
R.T.: 16.178 min
 Delta R.T.: -0.018 min
 Response: 81979
 Conc: 0.53 ug/ml

Instrument : FID_D
 ClientSampleId :



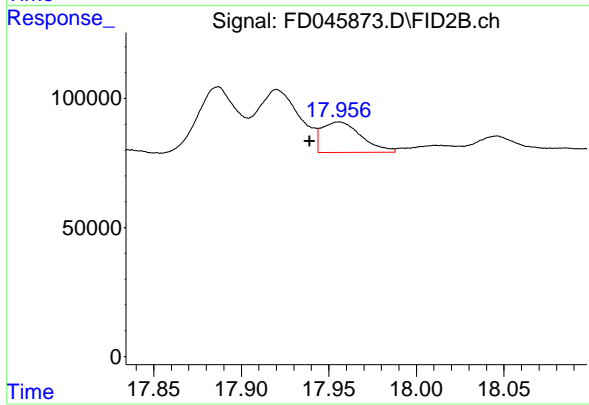
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
 Delta R.T.: -0.018 min
 Response: 98180
 Conc: 0.67 ug/ml



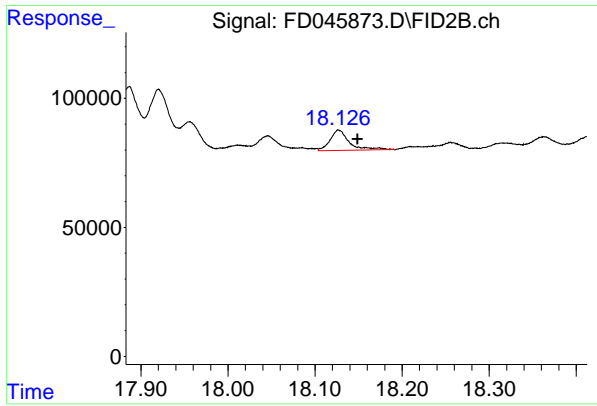
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
 Delta R.T.: -0.009 min
 Response: 402043
 Conc: 2.74 ug/ml



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

R.T.: 17.956 min
 Delta R.T.: 0.017 min
 Response: 185493
 Conc: 1.24 ug/ml



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

R.T.: 18.127 min
Delta R.T.: -0.022 min
Response: 121071
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :