

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046850.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 00:24
 Operator : YP/AJ
 Sample : 05251-06
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:02:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.487	12379914	67.882 ug/ml
Spiked Amount 50.000		Recovery =	135.76%
6) S 2-Fluorobiphenyl (SURR)	8.339	6744598	57.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.62%
11) S ortho-Terphenyl (SURR)	11.381	14214926	67.129 ug/ml
Spiked Amount 50.000		Recovery =	134.26%
Target Compounds			
2) T Naphthalene (C11.7)	5.825	51124	0.255 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	138297	0.688 ug/ml
5) T Acenaphthylene (C15.06)	8.140	80830	0.439 ug/ml
7) T Acenaphthene (C15.5)	8.433	52406	0.268 ug/ml
8) T Fluorene (C16.55)	9.224	83916	0.454 ug/ml
9) T Phenanthrene (C19.36)	10.599	440819	2.478 ug/ml
10) T Anthracene (C19.43)	10.676	105478	0.619 ug/ml
12) T Fluoranthene (C21.85)	12.400	830318	4.808 ug/ml
13) T Pyrene (C20.8)	12.694	718850	4.323 ug/ml
14) T Benzo[a]anthracene (C...	14.558	314147	2.233 ug/ml
15) T Chrysene (C27.41)	14.597	446334	2.862 ug/ml
16) T benzo[b]fluoranthene ...	16.099	427992	2.990 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	151372	1.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	290980	2.076 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	768513	6.083 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	85908	0.615 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	177590	1.272 ug/ml

(f)=RT Delta > 1/2 Window

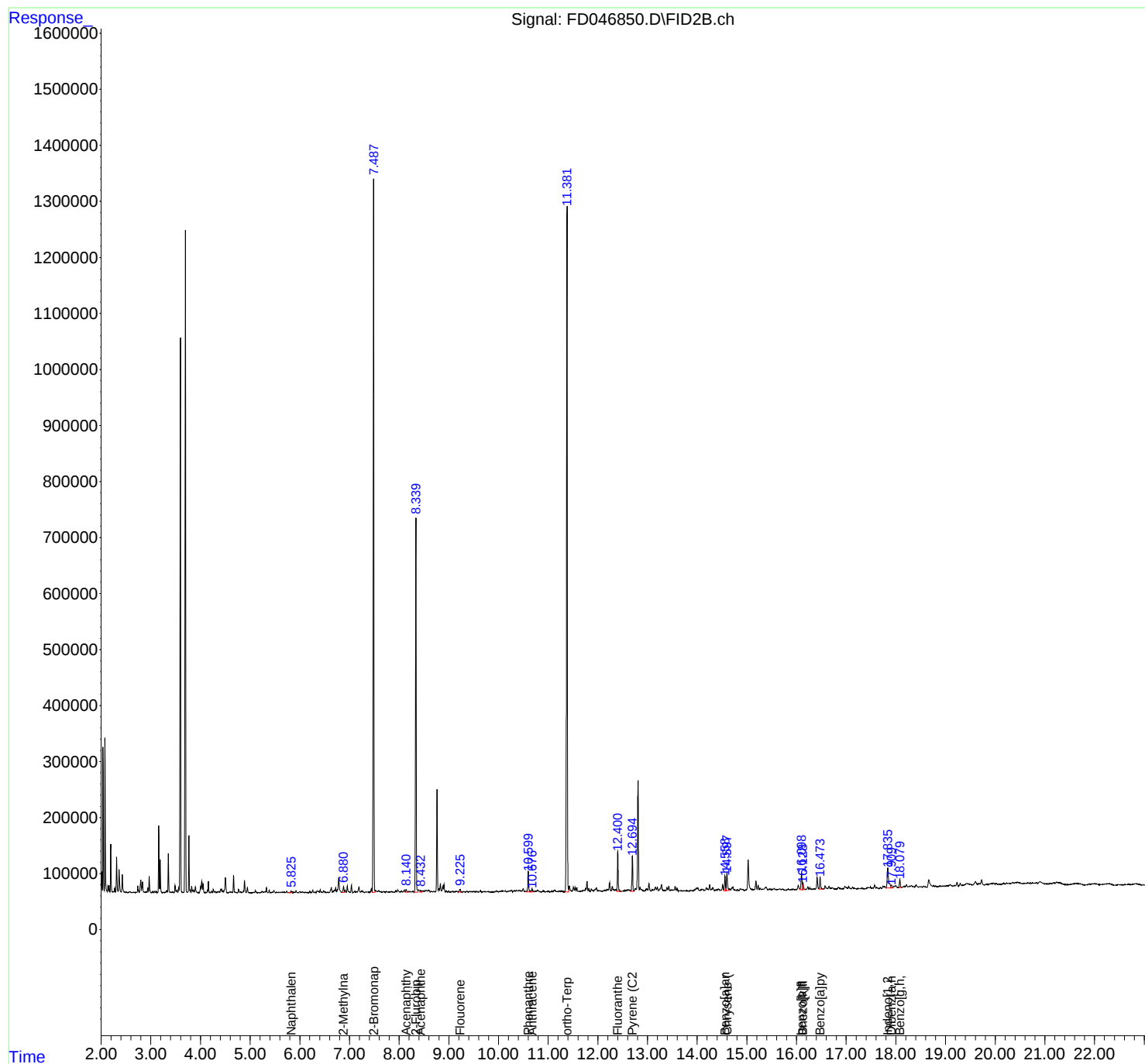
(m)=manual int.

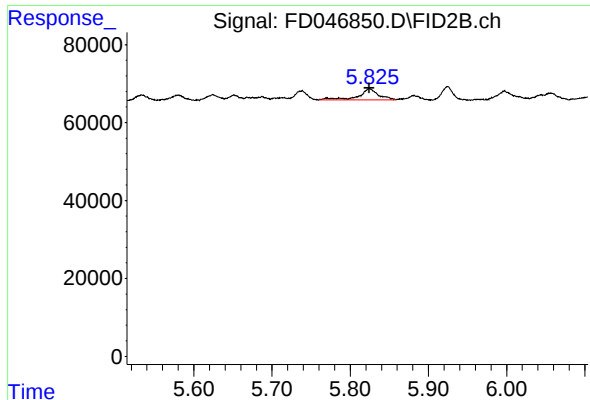
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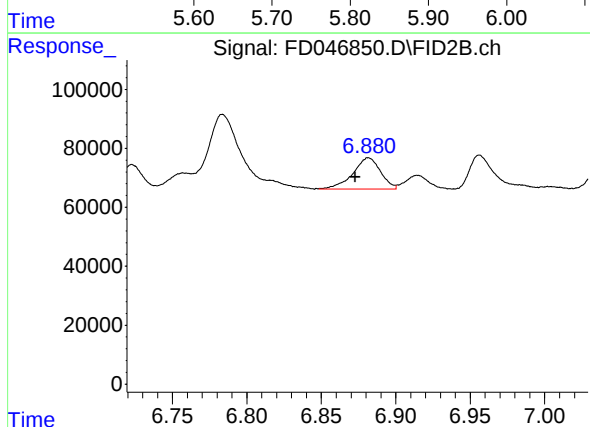




#2 Naphthalene (C11.7)

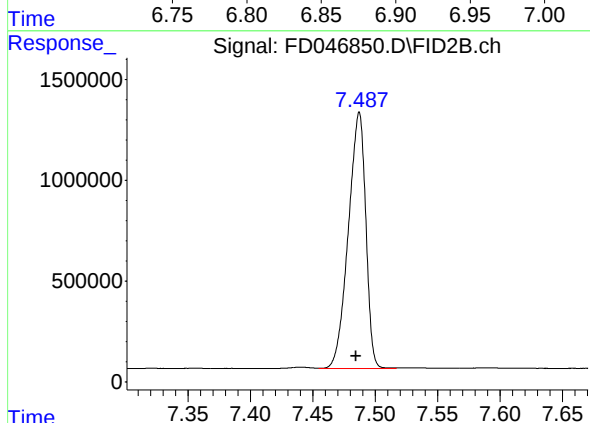
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 51124
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



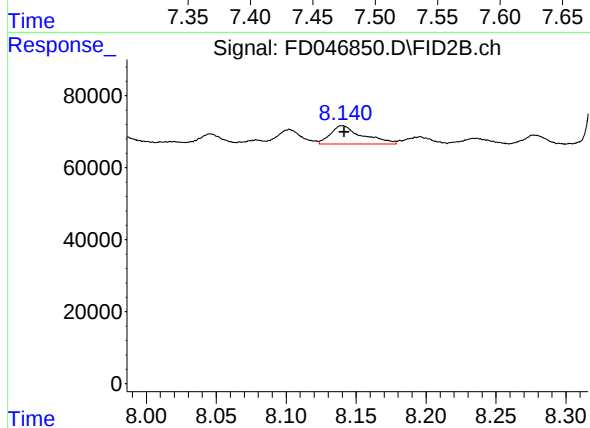
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: 0.009 min
Response: 138297
Conc: 0.69 ug/ml



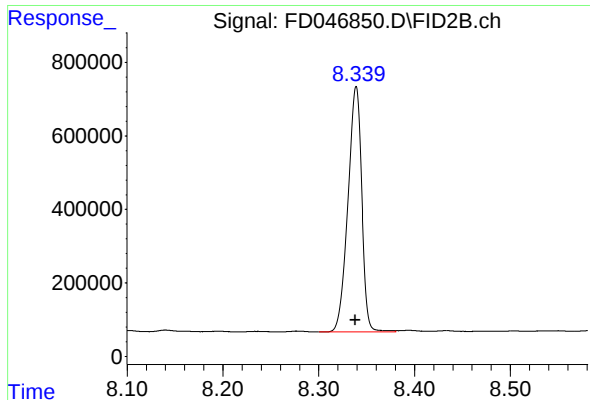
#4 2-Bromonaphthalene (SURR)

R.T.: 7.487 min
Delta R.T.: 0.002 min
Response: 12379914
Conc: 67.88 ug/ml



#5 Acenaphthylene (C15.06)

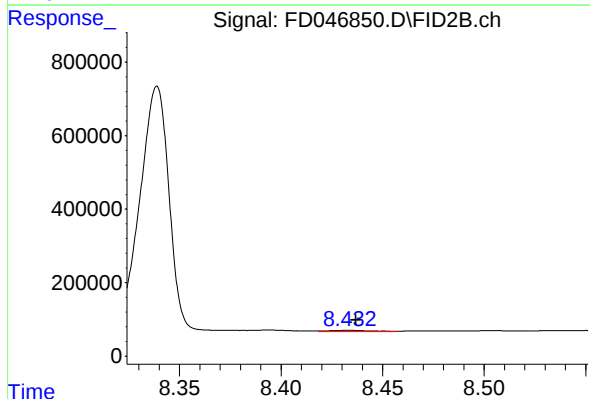
R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 80830
Conc: 0.44 ug/ml



#6 2-Fluorobiphenyl (SURR)

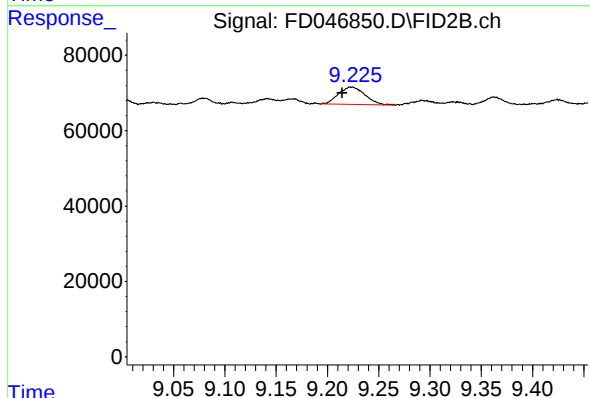
R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 6744598
Conc: 57.31 ug/ml

Instrument :
FID_D
ClientSampleId :



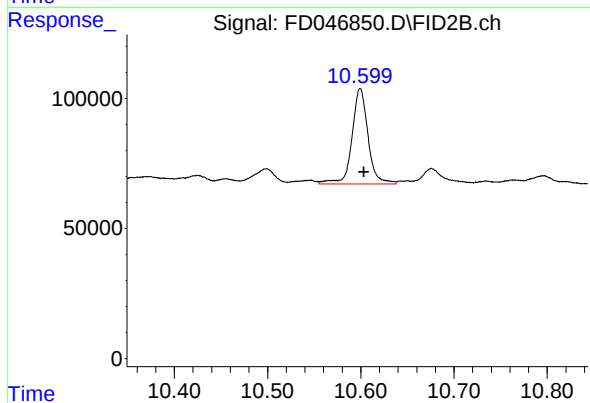
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 52406
Conc: 0.27 ug/ml



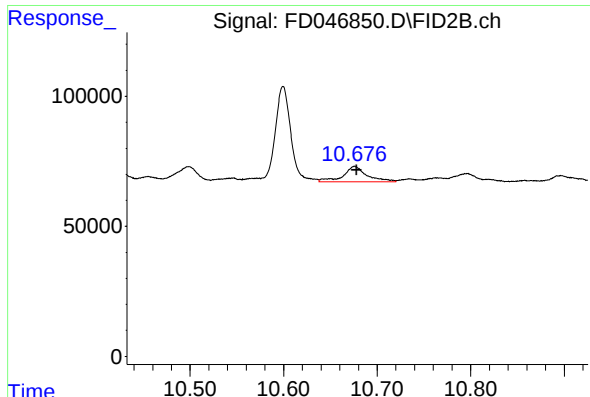
#8 Flouorene (C16.55)

R.T.: 9.224 min
Delta R.T.: 0.009 min
Response: 83916
Conc: 0.45 ug/ml



#9 Phenanthrene (C19.36)

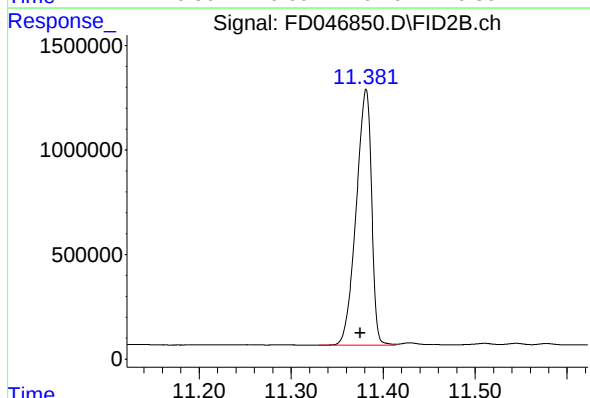
R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 440819
Conc: 2.48 ug/ml



#10 Anthracene (C19.43)

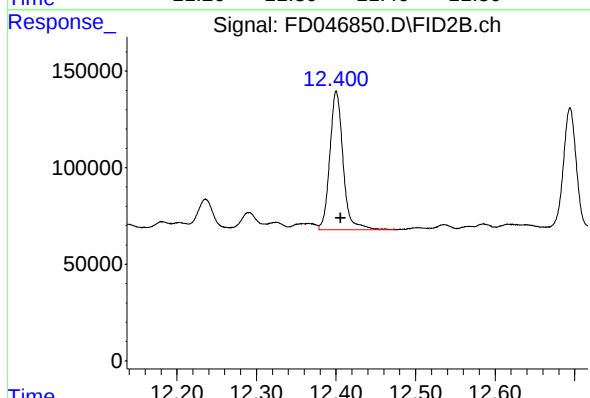
R.T.: 10.676 min
Delta R.T.: -0.002 min
Response: 105478
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



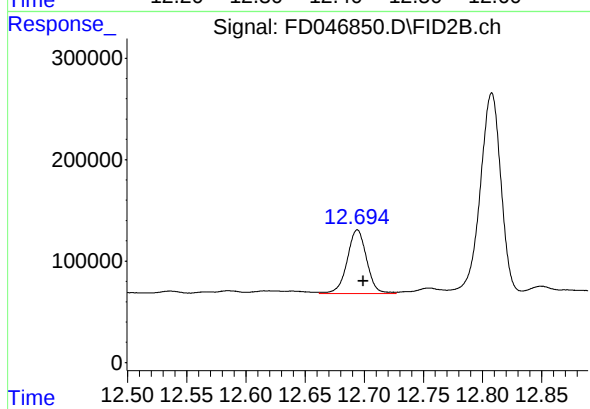
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.006 min
Response: 14214926
Conc: 67.13 ug/ml



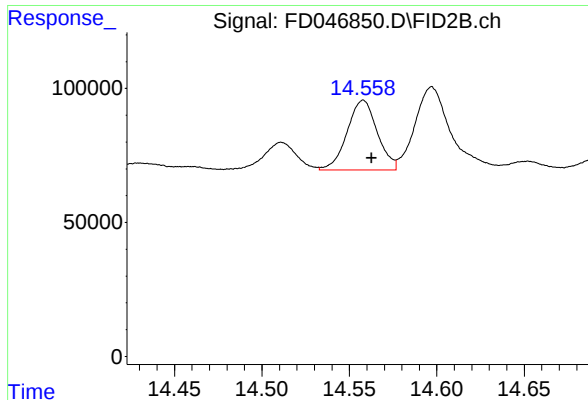
#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: -0.005 min
Response: 830318
Conc: 4.81 ug/ml



#13 Pyrene (C20.8)

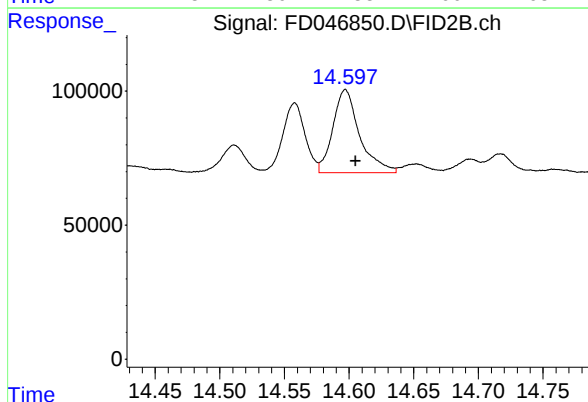
R.T.: 12.694 min
Delta R.T.: -0.005 min
Response: 718850
Conc: 4.32 ug/ml



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

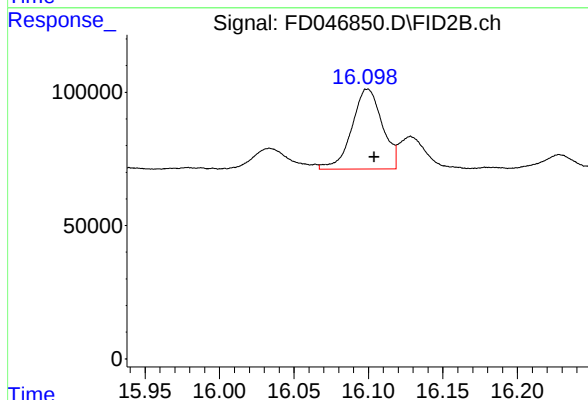
R.T.: 14.558 min
Delta R.T.: -0.005 min
Response: 314147
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :



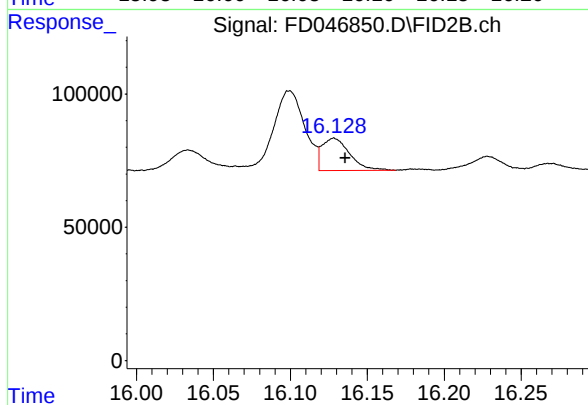
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: -0.008 min
Response: 446334
Conc: 2.86 ug/ml



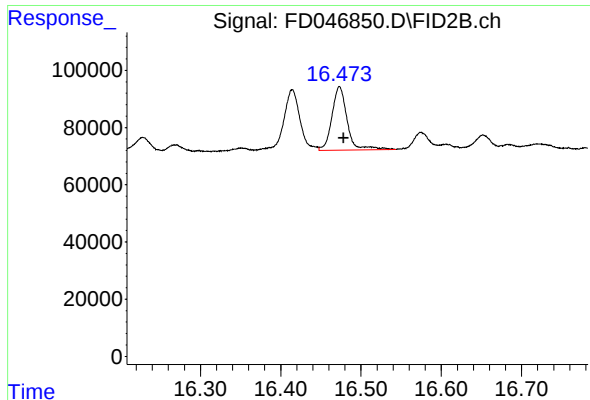
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: -0.004 min
Response: 427992
Conc: 2.99 ug/ml



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

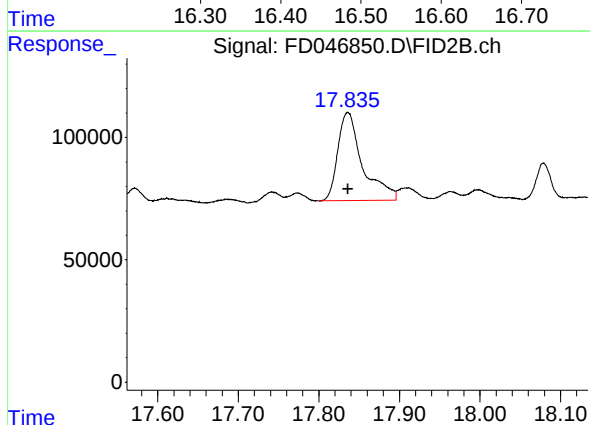
R.T.: 16.128 min
Delta R.T.: -0.008 min
Response: 151372
Conc: 1.03 ug/ml



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

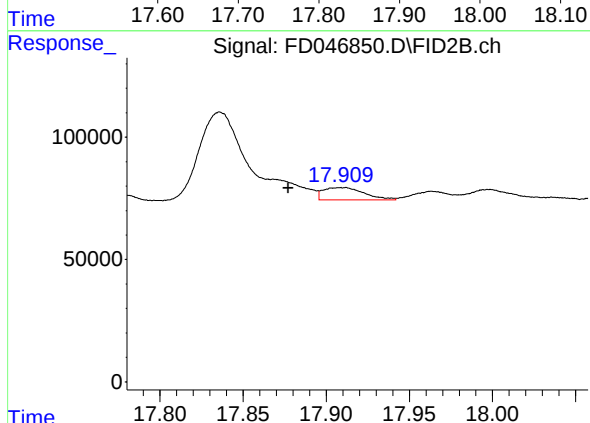
R.T.: 16.473 min
Delta R.T.: -0.005 min
Response: 290980
Conc: 2.08 ug/ml

Instrument :
FID_D
ClientSampleId :



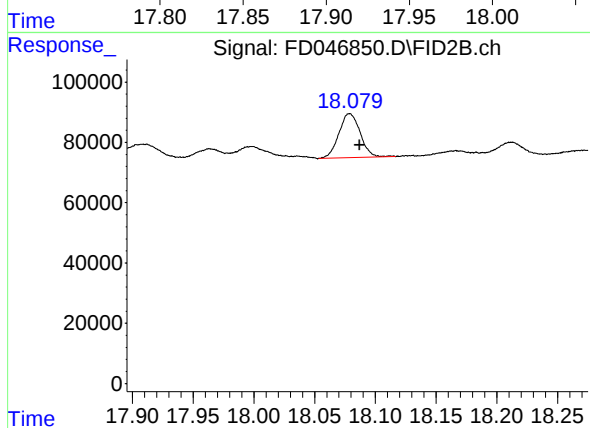
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 768513
Conc: 6.08 ug/ml



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

R.T.: 17.909 min
Delta R.T.: 0.031 min
Response: 85908
Conc: 0.61 ug/ml



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

R.T.: 18.079 min
Delta R.T.: -0.008 min
Response: 177590
Conc: 1.27 ug/ml