

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048511.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 04:59
 Operator : YP/AJ
 Sample : P4397-02D
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 15 06:02:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 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

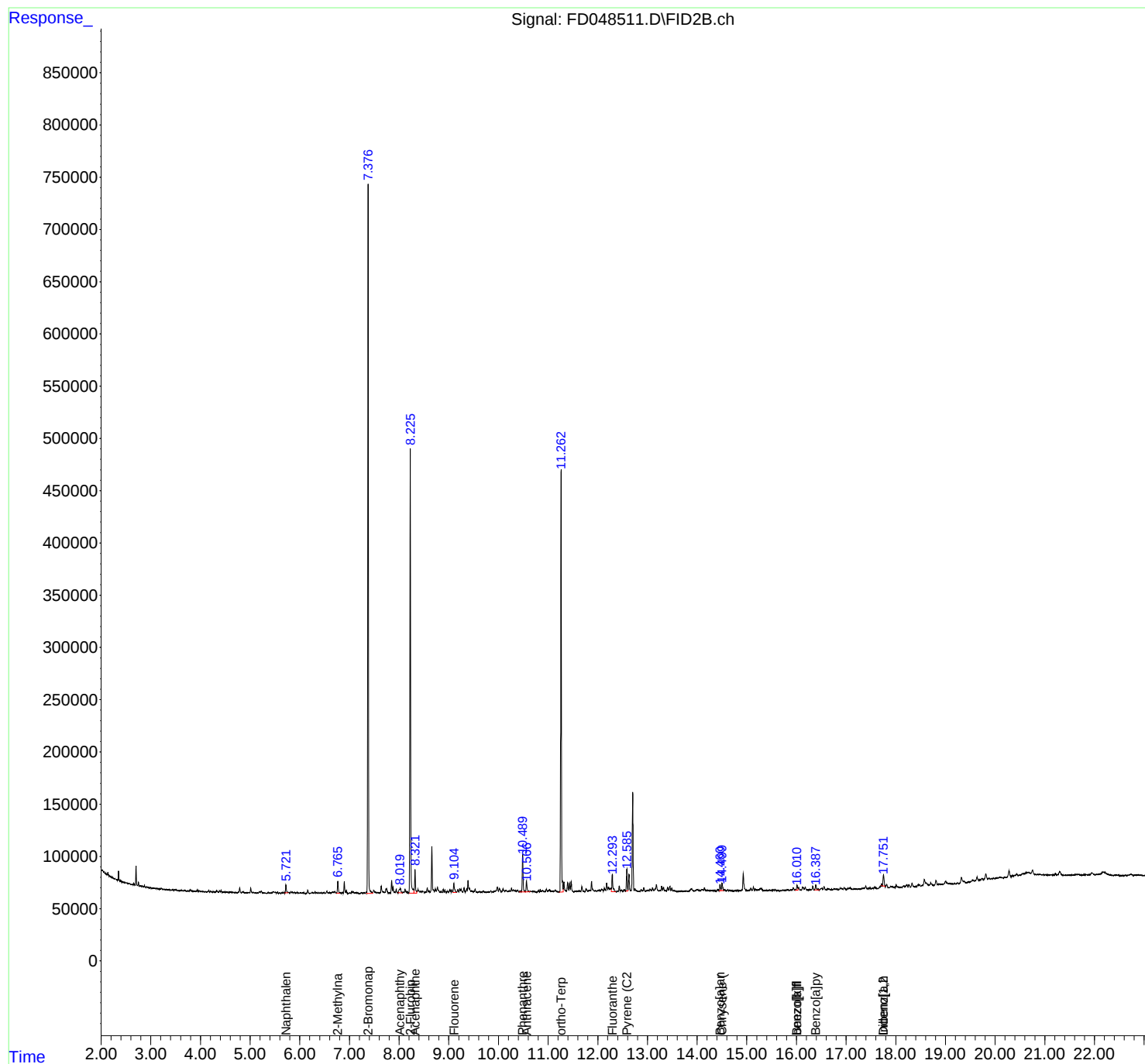
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.376	6506303	39.297 ug/ml
Spiked Amount 50.000		Recovery =	78.59%
6) S 2-Fluorobiphenyl (SURR)	8.225	4334379	41.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.59%
11) S ortho-Terphenyl (SURR)	11.262	4414413	23.992 ug/ml
Spiked Amount 50.000		Recovery =	47.98%
Target Compounds			
2) T Naphthalene (C11.7)	5.721	89724	0.481 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	137882	0.730 ug/ml
5) T Acenaphthylene (C15.06)	8.021	97365	0.508 ug/ml
7) T Acenaphthene (C15.5)	8.322	256867	1.358 ug/ml
8) T Fluorene (C16.55)	9.103	128771	0.713 ug/ml
9) T Phenanthrene (C19.36)	10.489	420545	2.373 ug/ml
10) T Anthracene (C19.43)	10.566	134420	0.755 ug/ml
12) T Fluoranthene (C21.85)	12.293	241796	1.337 ug/ml
13) T Pyrene (C20.8)	12.585	230787	1.289 ug/ml
14) T Benzo[a]anthracene (C...	14.461	71323	0.446 ug/ml
15) T Chrysene (C27.41)	14.500	101583	0.545 ug/ml
16) T benzo[b]fluoranthene ...	16.011	66746	0.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	66746	0.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	86704	0.530 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	179779	1.367 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	179779	1.074 ug/ml

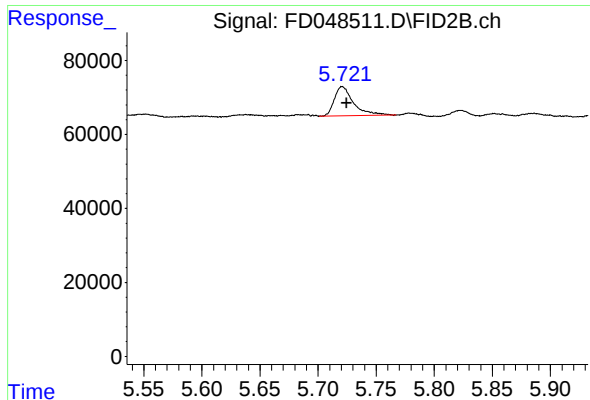
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

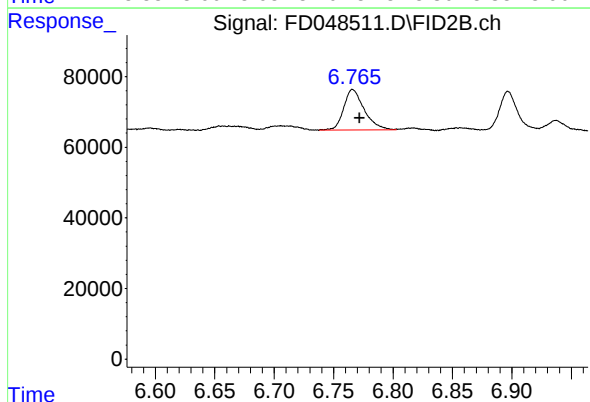




#2 Naphthalene (C11.7)

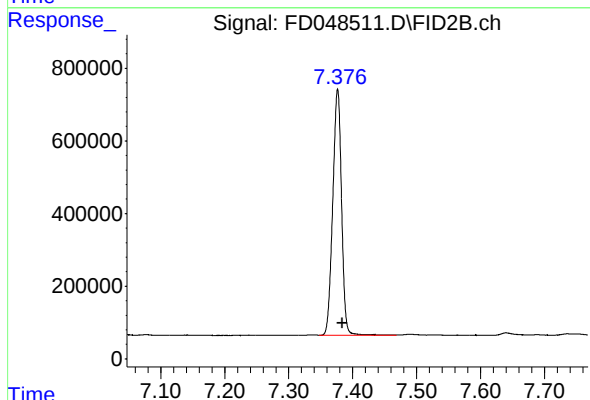
R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 89724
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



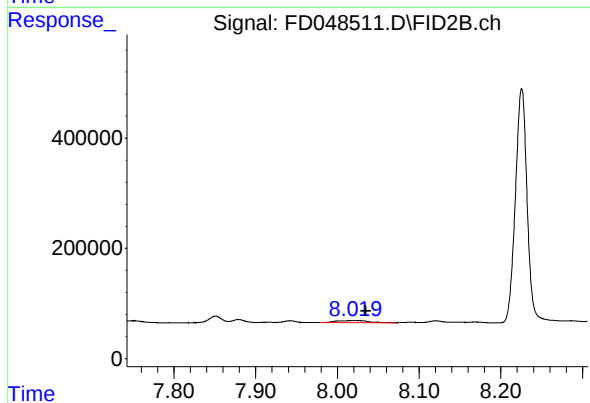
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 137882
Conc: 0.73 ug/ml



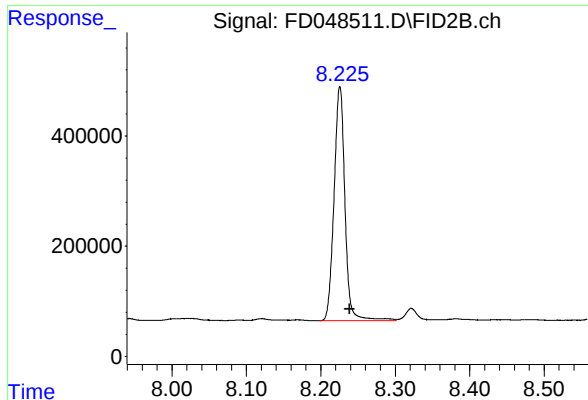
#4 2-Bromonaphthalene (SURR)

R.T.: 7.376 min
Delta R.T.: -0.008 min
Response: 6506303
Conc: 39.30 ug/ml



#5 Acenaphthylene (C15.06)

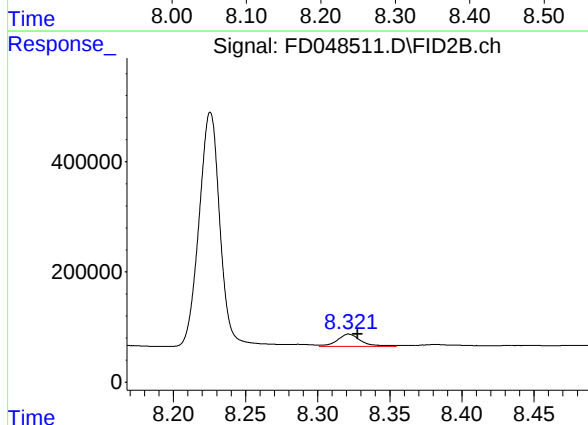
R.T.: 8.021 min
Delta R.T.: -0.014 min
Response: 97365
Conc: 0.51 ug/ml



#6 2-Fluorobiphenyl (SURR)

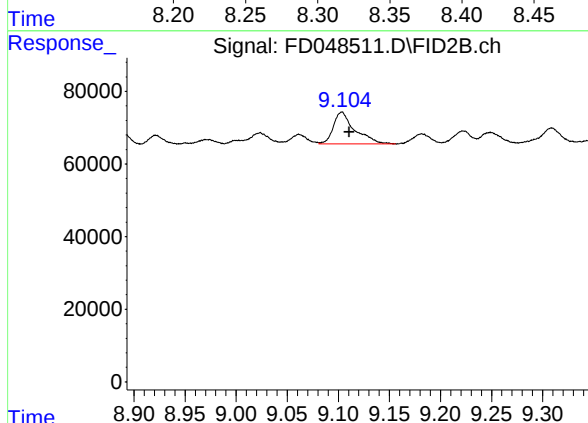
R.T.: 8.225 min
Delta R.T.: -0.013 min
Response: 4334379
Conc: 41.80 ug/ml

Instrument :
FID_D
ClientSampleId :



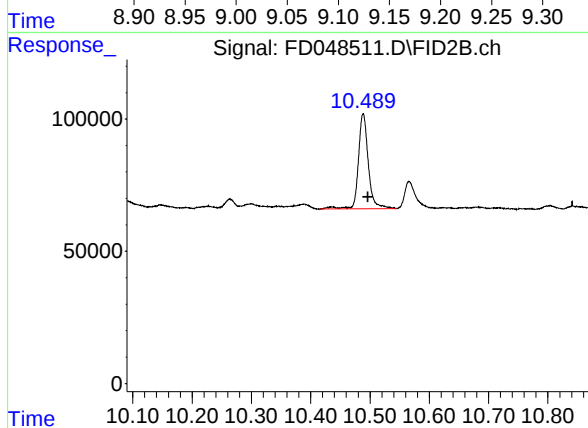
#7 Acenaphthene (C15.5)

R.T.: 8.322 min
Delta R.T.: -0.006 min
Response: 256867
Conc: 1.36 ug/ml



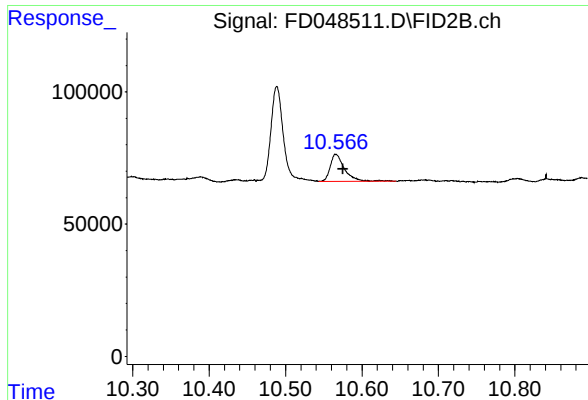
#8 Flouorene (C16.55)

R.T.: 9.103 min
Delta R.T.: -0.007 min
Response: 128771
Conc: 0.71 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.008 min
Response: 420545
Conc: 2.37 ug/ml



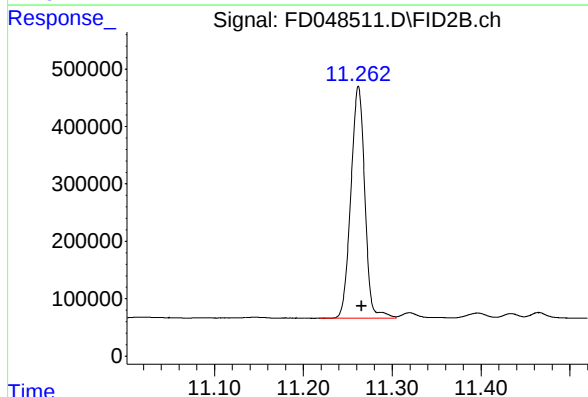
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: -0.009 min
Response: 134420
Conc: 0.76 ug/ml

Instrument :

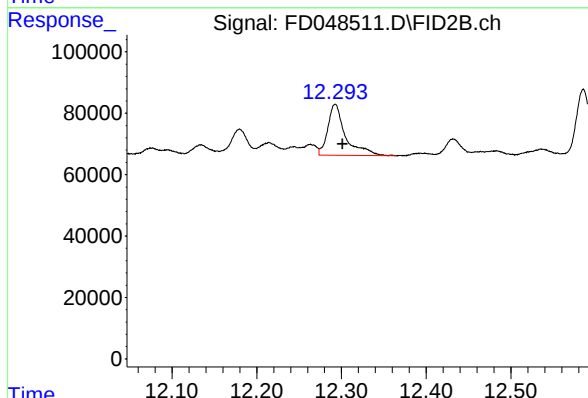
FID_D

ClientSampleId :



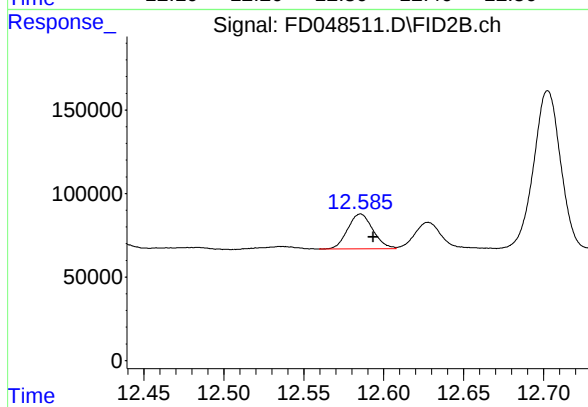
#11 ortho-Terphenyl (SURR)

R.T.: 11.262 min
Delta R.T.: -0.004 min
Response: 4414413
Conc: 23.99 ug/ml



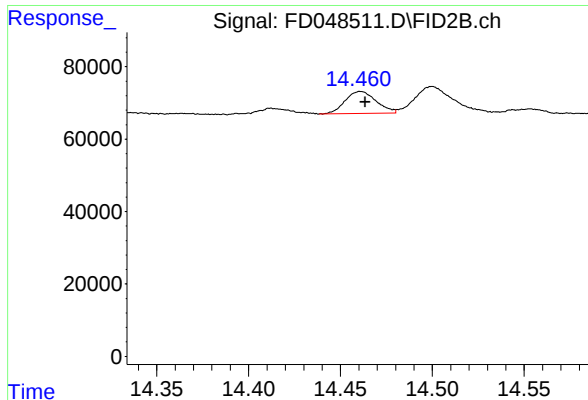
#12 Fluoranthene (C21.85)

R.T.: 12.293 min
Delta R.T.: -0.009 min
Response: 241796
Conc: 1.34 ug/ml



#13 Pyrene (C20.8)

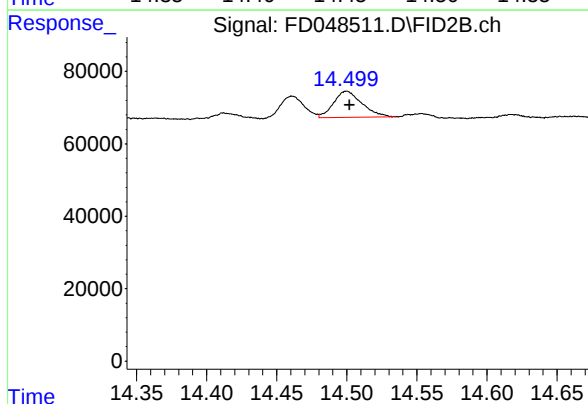
R.T.: 12.585 min
Delta R.T.: -0.008 min
Response: 230787
Conc: 1.29 ug/ml



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

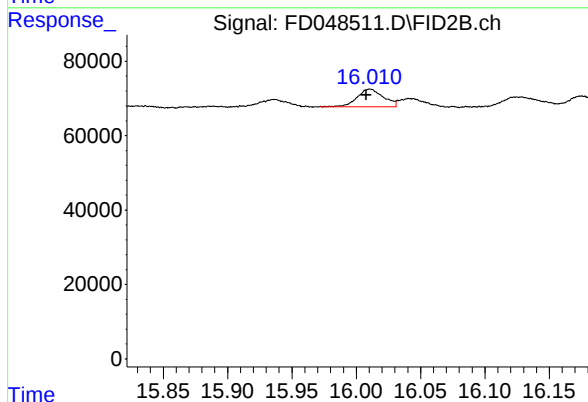
R.T.: 14.461 min
Delta R.T.: -0.003 min
Response: 71323
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



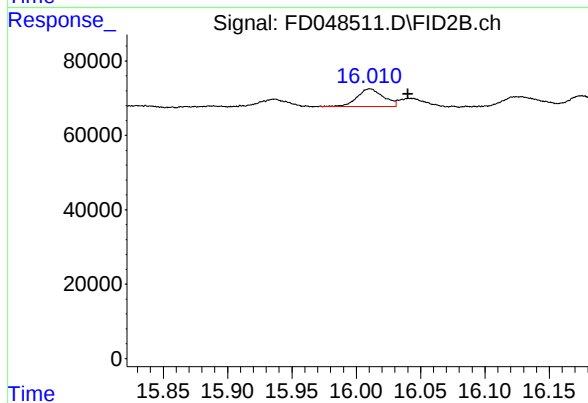
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: -0.002 min
Response: 101583
Conc: 0.54 ug/ml



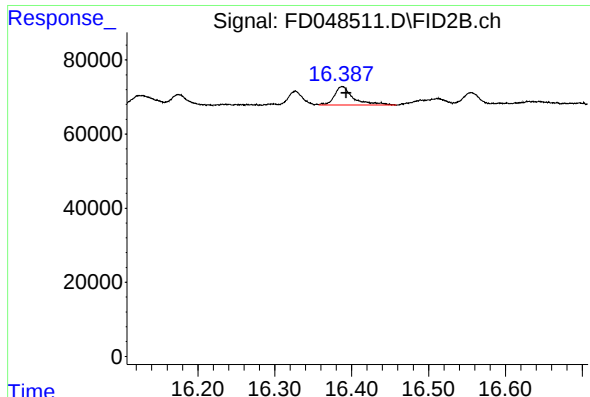
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: 0.003 min
Response: 66746
Conc: 0.40 ug/ml



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

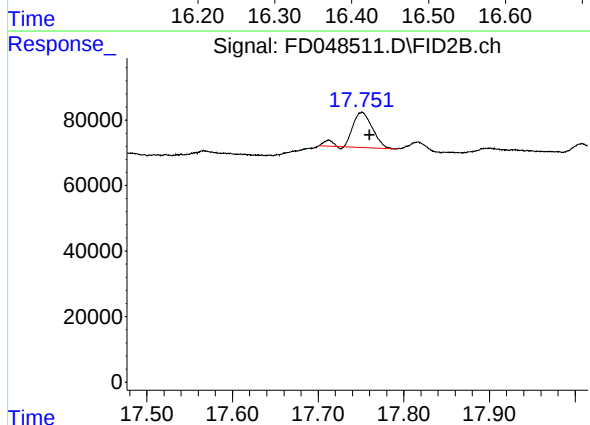
R.T.: 16.011 min
Delta R.T.: -0.030 min
Response: 66746
Conc: 0.39 ug/ml



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

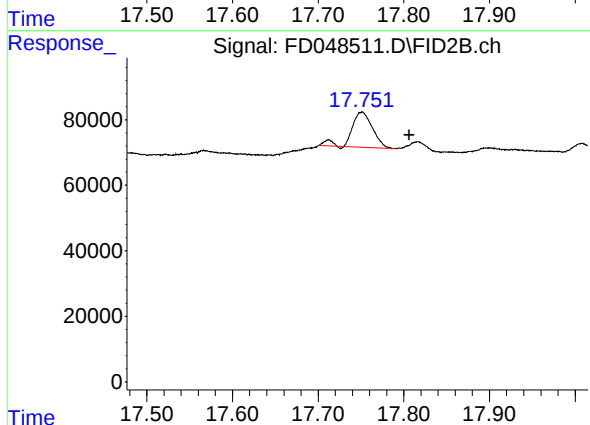
R.T.: 16.388 min
Delta R.T.: -0.005 min
Response: 86704
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.751 min
Delta R.T.: -0.009 min
Response: 179779
Conc: 1.37 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.055 min
Response: 179779
Conc: 1.07 ug/ml