

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048510.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 04:22
 Operator : YP/AJ
 Sample : P4397-02
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 15 06:02:46 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...	7.374	6535426	39.473 ug/ml
Spiked Amount 50.000		Recovery =	78.95%
6) S 2-Fluorobiphenyl (SURR)	8.224	4406588	42.492 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.98%
11) S ortho-Terphenyl (SURR)	11.261	4470809	24.298 ug/ml
Spiked Amount 50.000		Recovery =	48.60%
Target Compounds			
2) T Naphthalene (C11.7)	5.717	115699	0.620 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	145443	0.770 ug/ml
5) T Acenaphthylene (C15.06)	8.014	139161	0.725 ug/ml
7) T Acenaphthene (C15.5)	8.320	246402	1.303 ug/ml
8) T Flouorene (C16.55)	9.101	136262	0.754 ug/ml
9) T Phenanthrene (C19.36)	10.488	421453	2.378 ug/ml
10) T Anthracene (C19.43)	10.565	150451	0.846 ug/ml
12) T Fluoranthene (C21.85)	12.292	262226	1.450 ug/ml
13) T Pyrene (C20.8)	12.585	240273	1.342 ug/ml
14) T Benzo[a]anthracene (C...	14.460	78750	0.493 ug/ml
15) T Chrysene (C27.41)	14.499	111216	0.596 ug/ml
16) T benzo[b]fluoranthene ...	16.011	45470	0.273 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	45470	0.268 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	96884	0.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	174374	1.326 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	174374	1.042 ug/ml

(f)=RT Delta > 1/2 Window

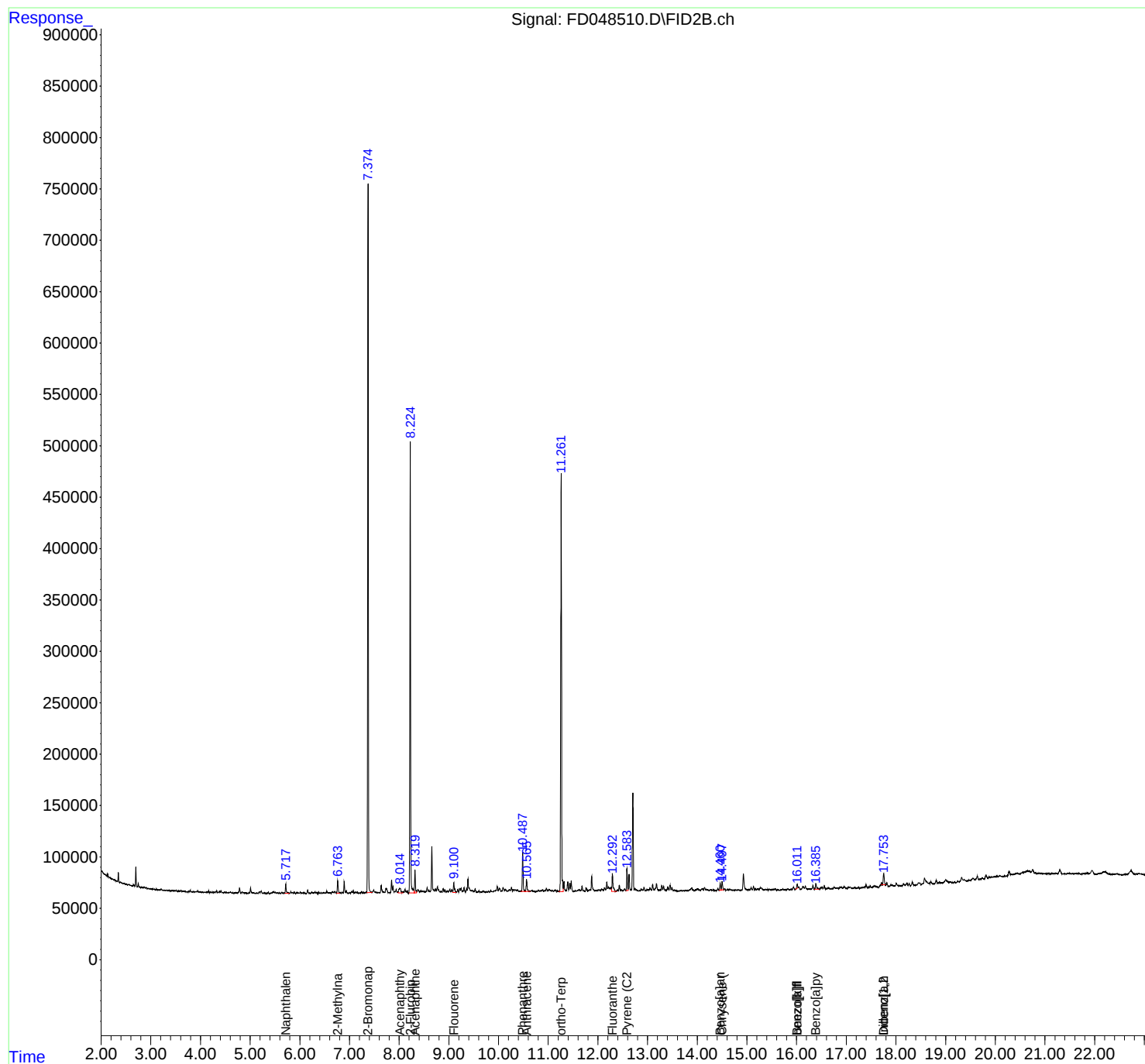
(m)=manual int.

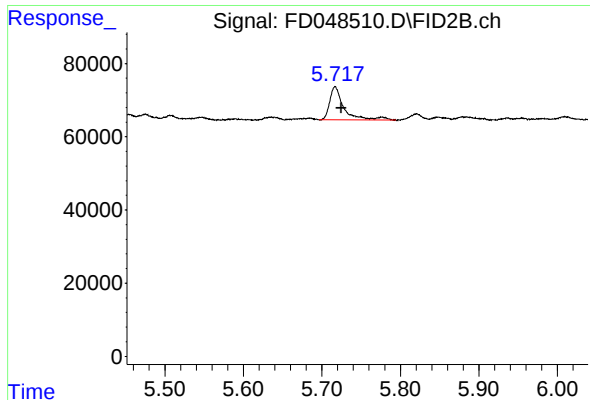
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

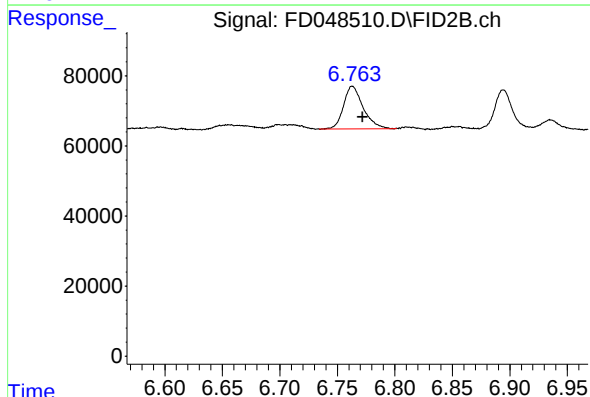




#2 Naphthalene (C11.7)

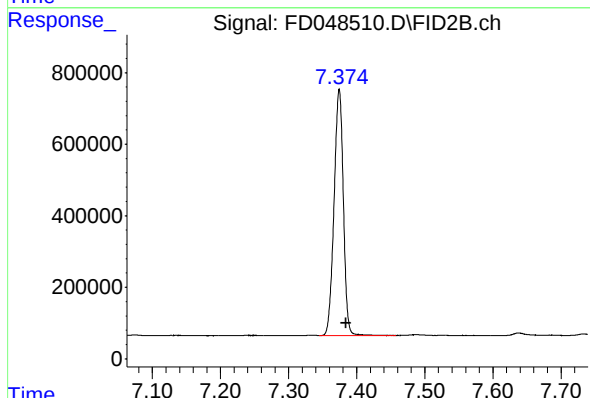
R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 115699
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



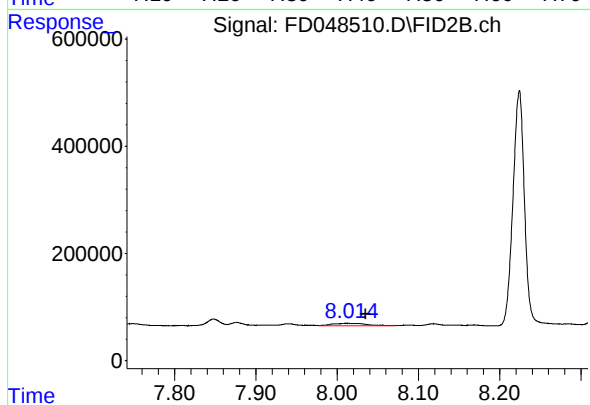
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 145443
Conc: 0.77 ug/ml



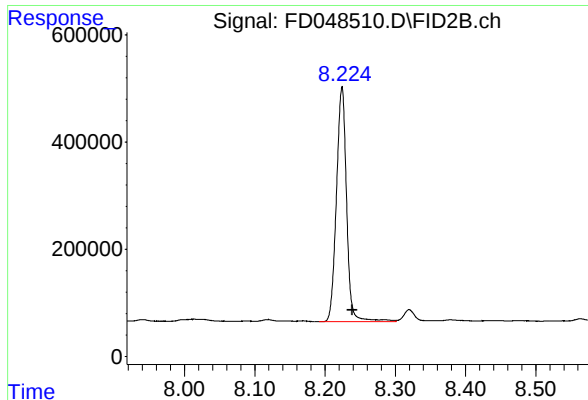
#4 2-Bromonaphthalene (SURR)

R.T.: 7.374 min
Delta R.T.: -0.010 min
Response: 6535426
Conc: 39.47 ug/ml



#5 Acenaphthylene (C15.06)

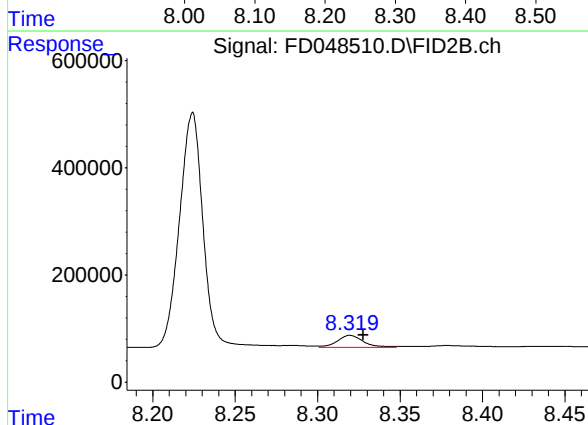
R.T.: 8.014 min
Delta R.T.: -0.021 min
Response: 139161
Conc: 0.73 ug/ml



#6 2-Fluorobiphenyl (SURR)

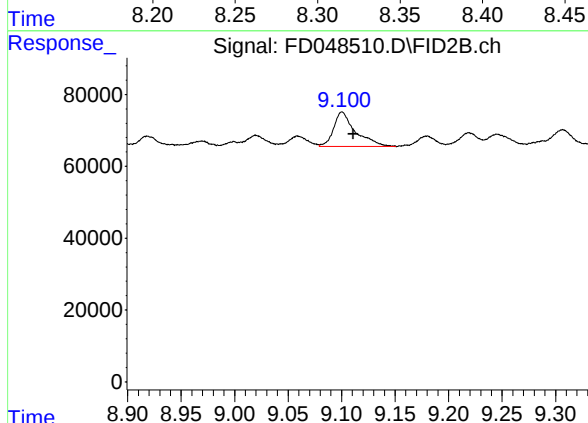
R.T.: 8.224 min
Delta R.T.: -0.015 min
Response: 4406588
Conc: 42.49 ug/ml

Instrument :
FID_D
ClientSampleId :



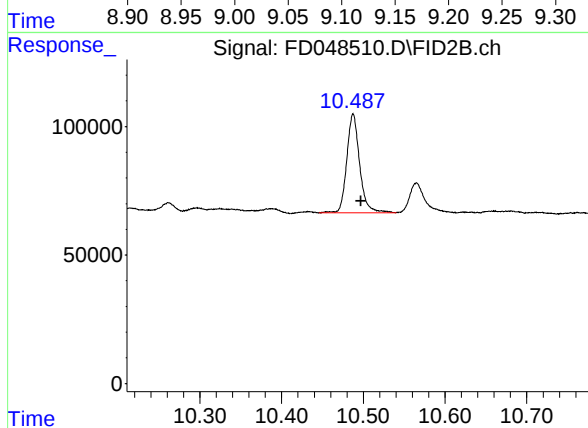
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: -0.008 min
Response: 246402
Conc: 1.30 ug/ml



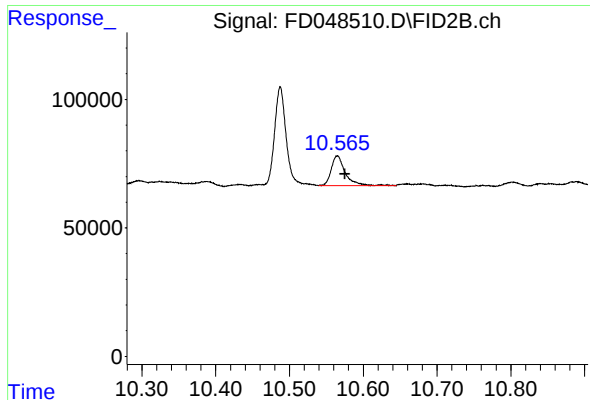
#8 Flouorene (C16.55)

R.T.: 9.101 min
Delta R.T.: -0.010 min
Response: 136262
Conc: 0.75 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.488 min
Delta R.T.: -0.009 min
Response: 421453
Conc: 2.38 ug/ml



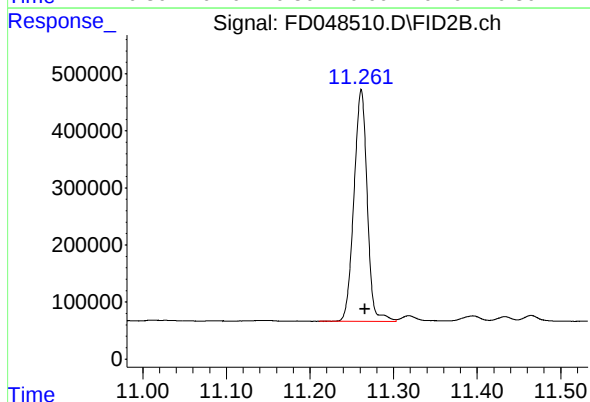
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.010 min
Response: 150451
Conc: 0.85 ug/ml

Instrument :

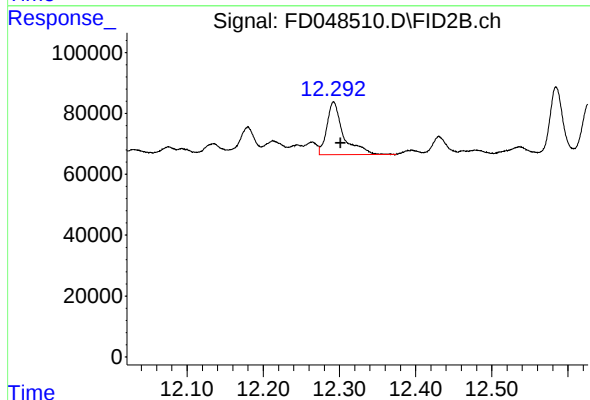
FID_D

ClientSampleId :



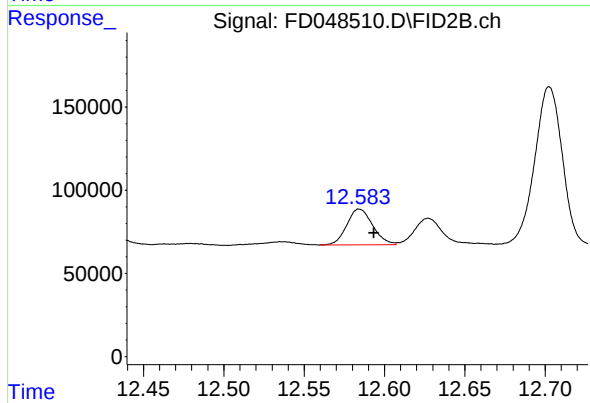
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: -0.004 min
Response: 4470809
Conc: 24.30 ug/ml



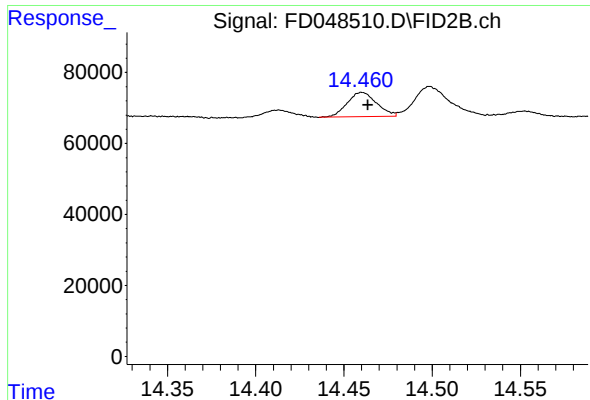
#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: -0.009 min
Response: 262226
Conc: 1.45 ug/ml



#13 Pyrene (C20.8)

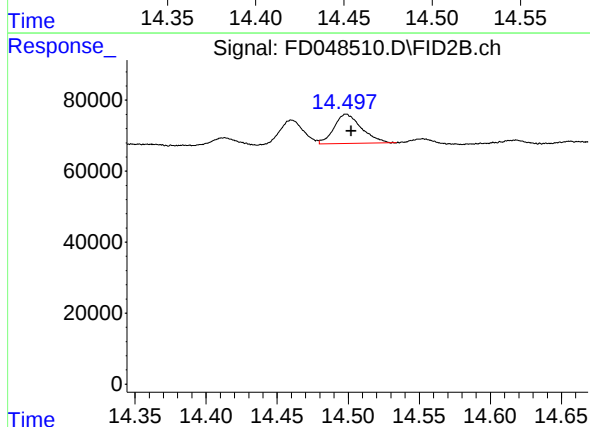
R.T.: 12.585 min
Delta R.T.: -0.009 min
Response: 240273
Conc: 1.34 ug/ml



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

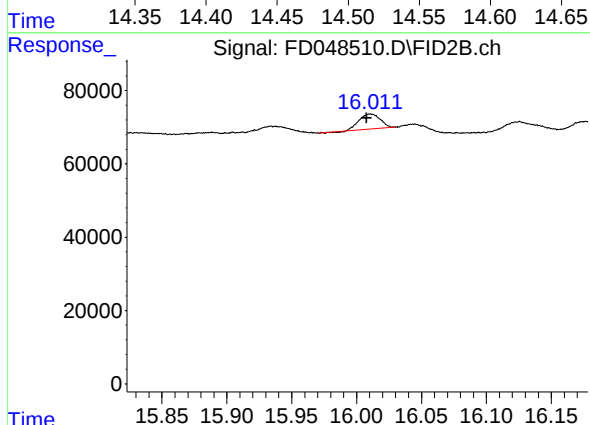
R.T.: 14.460 min
Delta R.T.: -0.003 min
Response: 78750
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



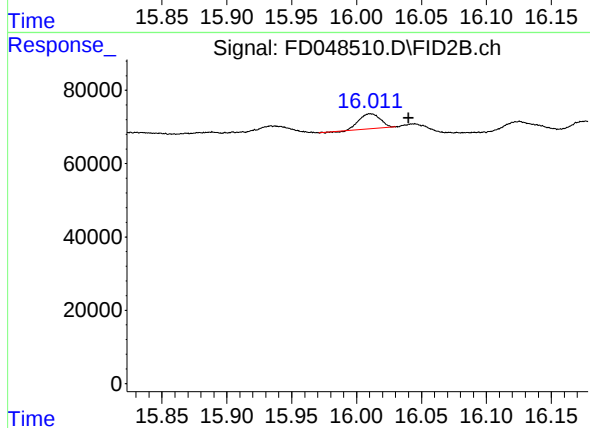
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: -0.003 min
Response: 111216
Conc: 0.60 ug/ml



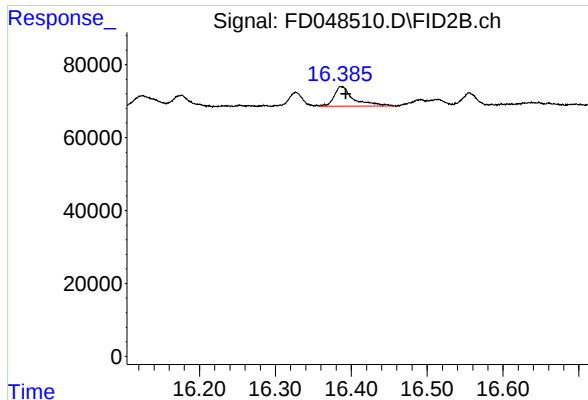
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: 0.003 min
Response: 45470
Conc: 0.27 ug/ml



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

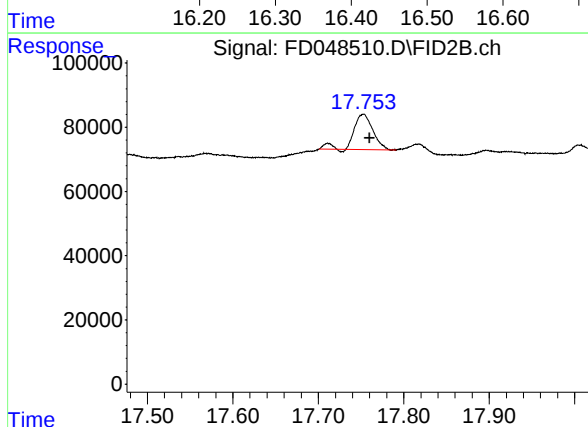
R.T.: 16.011 min
Delta R.T.: -0.029 min
Response: 45470
Conc: 0.27 ug/ml



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

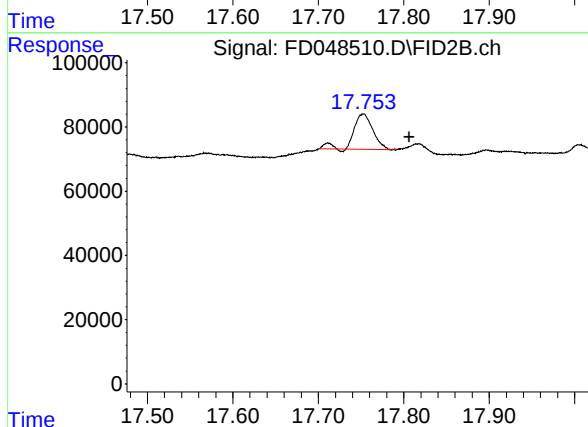
R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 96884
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.752 min
Delta R.T.: -0.008 min
Response: 174374
Conc: 1.33 ug/ml



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

R.T.: 17.752 min
Delta R.T.: -0.054 min
Response: 174374
Conc: 1.04 ug/ml