

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048615.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 09:31
 Operator : YP/AJ
 Sample : P4518-04DL 5X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:39:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.372	3559286	23.450 ug/ml
Spiked Amount 50.000		Recovery =	46.90%
6) S 2-Fluorobiphenyl (SURR)	8.223	3036108	30.920 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.84%
11) S ortho-Terphenyl (SURR)	11.257	3843449	22.563 ug/ml
Spiked Amount 50.000		Recovery =	45.13%
Target Compounds			
2) T Naphthalene (C11.7)	5.714	90895	0.509 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3057934	17.096 ug/ml
5) T Acenaphthylene (C15.06)	8.008	5879154	33.482 ug/ml
7) T Acenaphthene (C15.5)	8.317	1352033	7.623 ug/ml
8) T Flouorene (C16.55)	9.096	2821039	16.689 ug/ml
9) T Phenanthrene (C19.36)	10.485	3465107	20.962 ug/ml
10) T Anthracene (C19.43)	10.563	3362601	21.028 ug/ml
12) T Fluoranthene (C21.85)	12.290	2680851	16.289 ug/ml
13) T Pyrene (C20.8)	12.583	1133808	7.039 ug/ml
14) T Benzo[a]anthracene (C...	14.386f	251253	1.718 ug/ml
15) T Chrysene (C27.41)	14.543	171997	1.046 ug/ml
16) T benzo[b]fluoranthene ...	16.008	47509	0.313 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	57129	0.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807f	93564	0.717 ug/ml
20) T Dibenz[a,h]anthracene...	17.807	93564	0.575 ug/ml

(f)=RT Delta > 1/2 Window

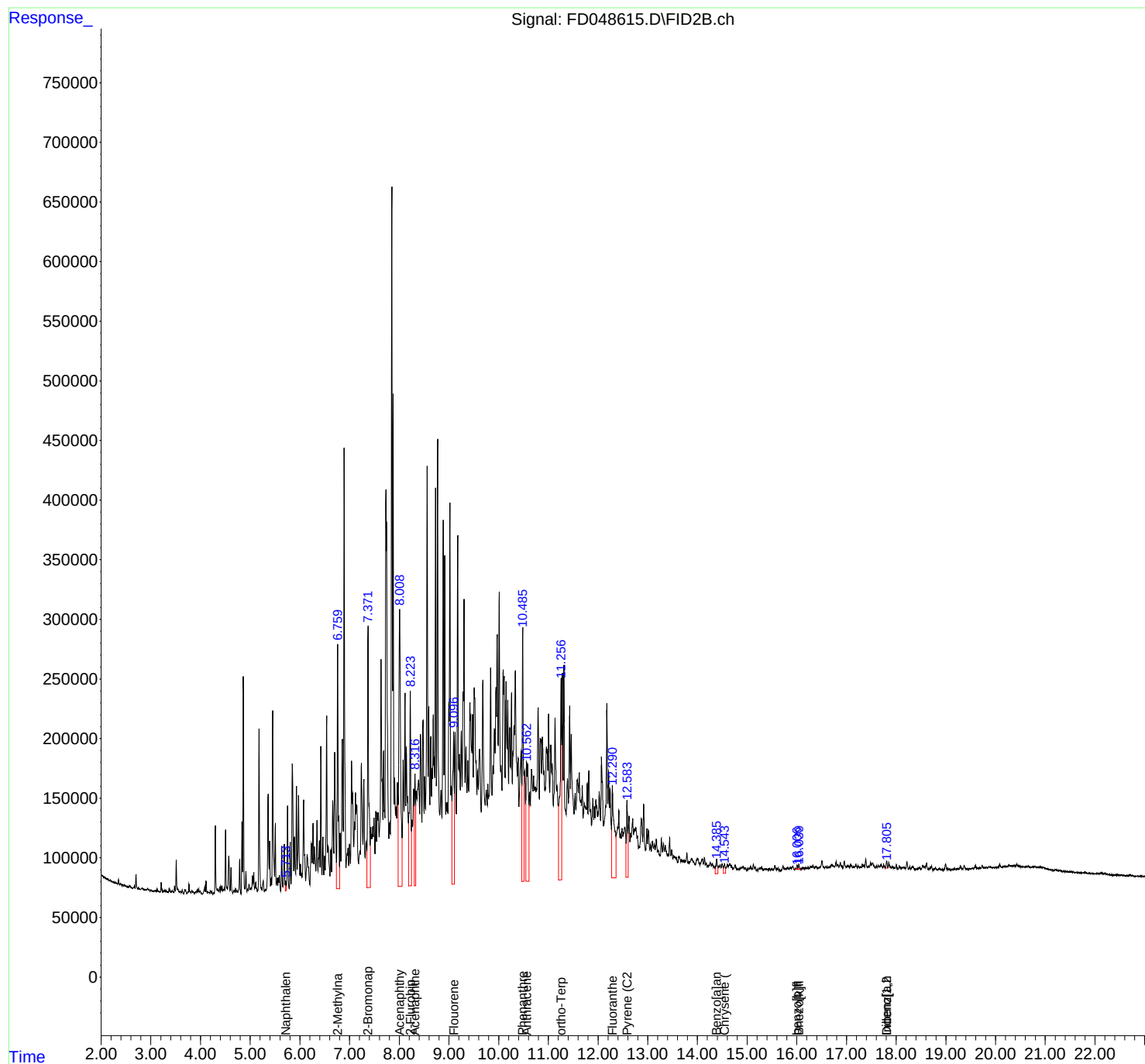
(m)=manual int.

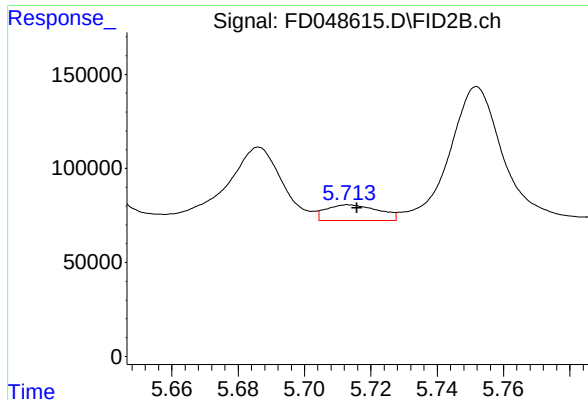
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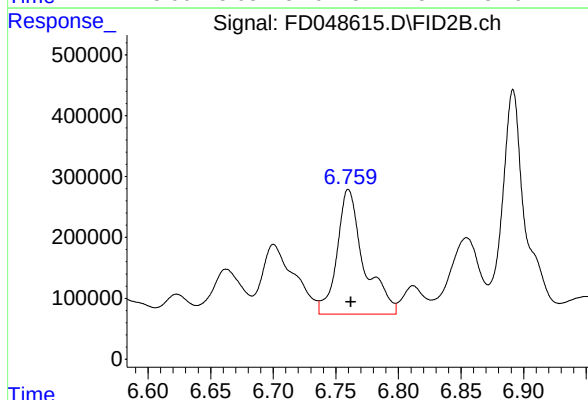
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 90895
Conc: 0.51 ug/ml

Instrument :

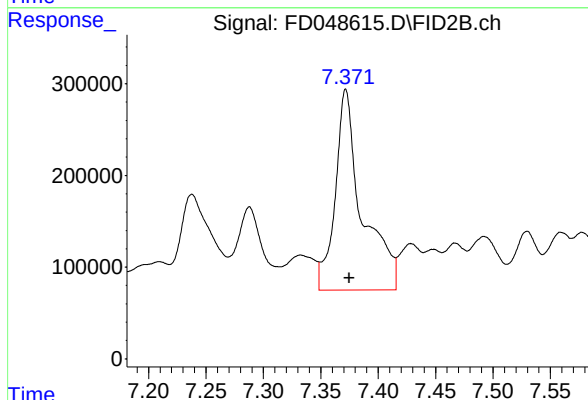
FID_D

ClientSampleId :



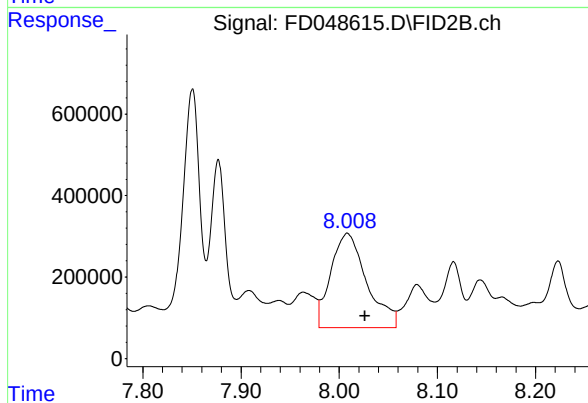
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 3057934
Conc: 17.10 ug/ml



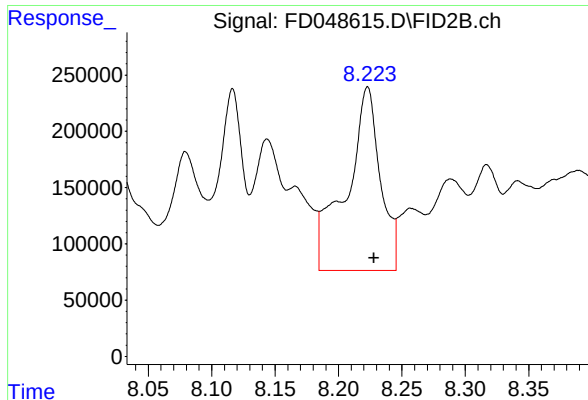
#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.003 min
Response: 3559286
Conc: 23.45 ug/ml



#5 Acenaphthylene (C15.06)

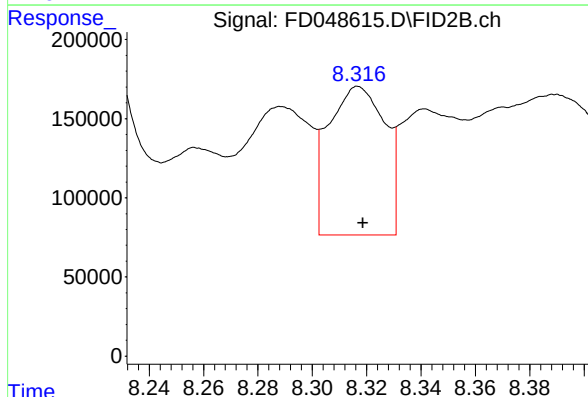
R.T.: 8.008 min
Delta R.T.: -0.018 min
Response: 5879154
Conc: 33.48 ug/ml



#6 2-Fluorobiphenyl (SURR)

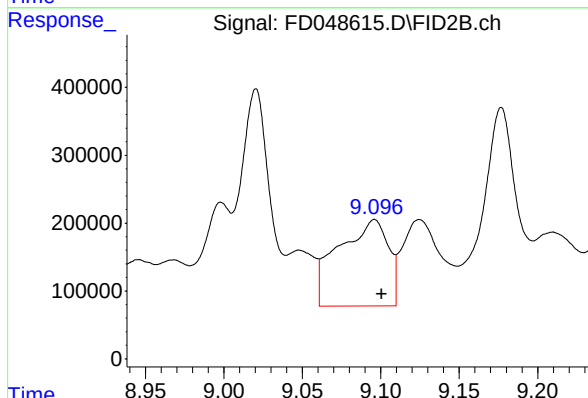
R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 3036108
Conc: 30.92 ug/ml

Instrument :
FID_D
ClientSampleId :



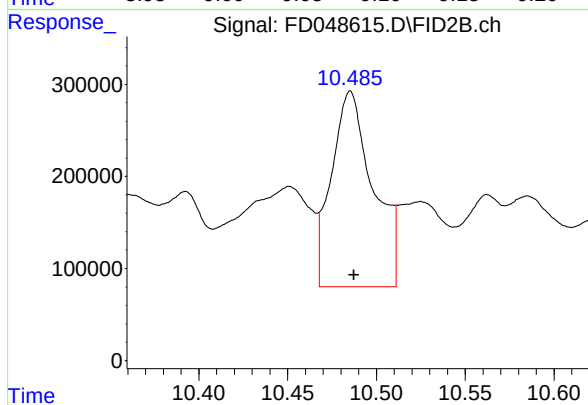
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 1352033
Conc: 7.62 ug/ml



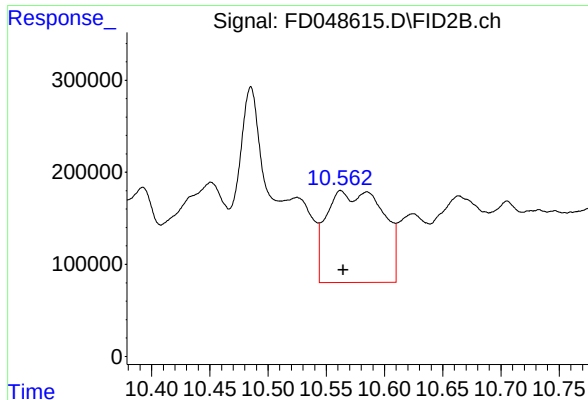
#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: -0.005 min
Response: 2821039
Conc: 16.69 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 3465107
Conc: 20.96 ug/ml



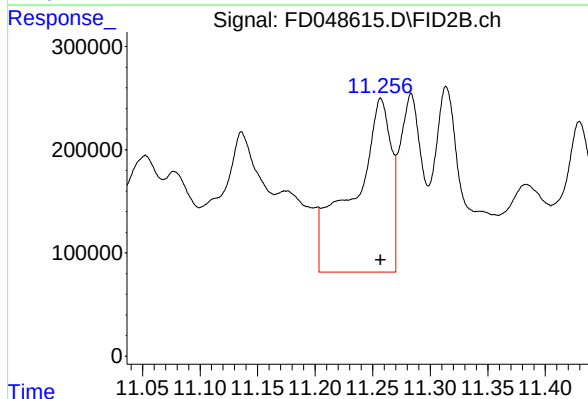
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: -0.002 min
Response: 3362601
Conc: 21.03 ug/ml

Instrument :

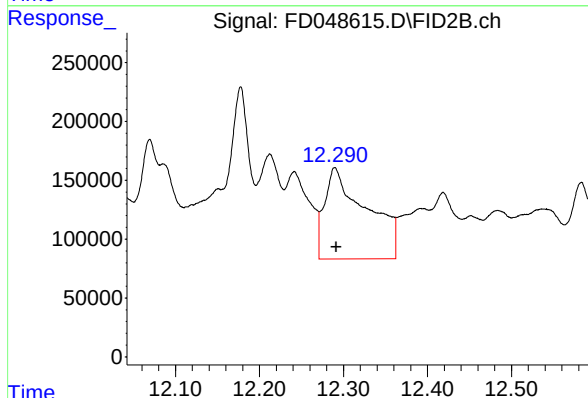
FID_D

ClientSampleId :



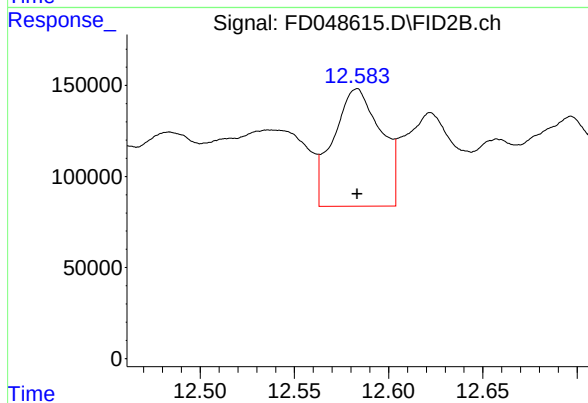
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 3843449
Conc: 22.56 ug/ml



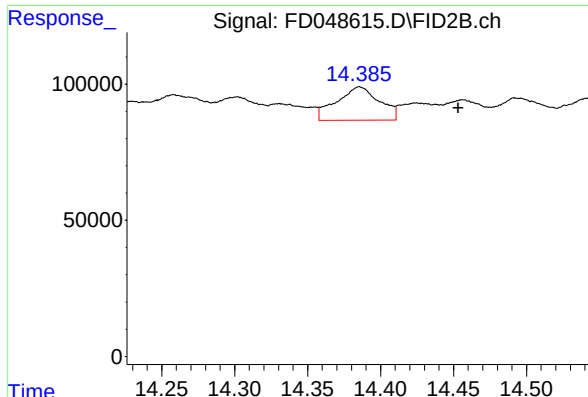
#12 Fluoranthene (C21.85)

R.T.: 12.290 min
Delta R.T.: -0.001 min
Response: 2680851
Conc: 16.29 ug/ml



#13 Pyrene (C20.8)

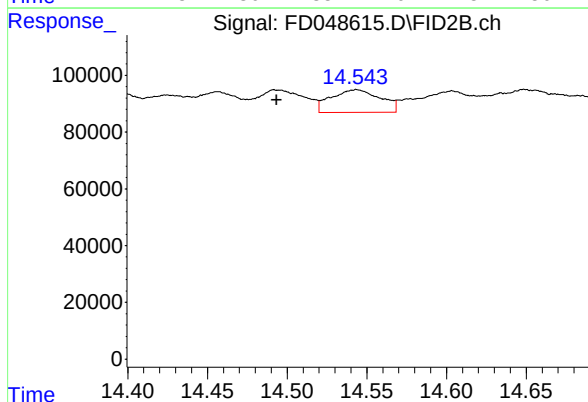
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 1133808
Conc: 7.04 ug/ml



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

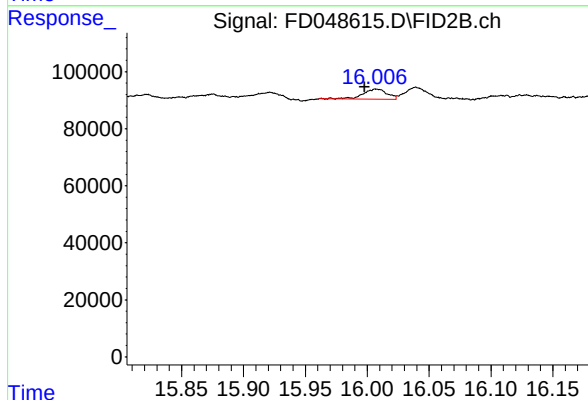
R.T.: 14.386 min
Delta R.T.: -0.068 min
Response: 251253
Conc: 1.72 ug/ml

Instrument :
FID_D
ClientSampleId :



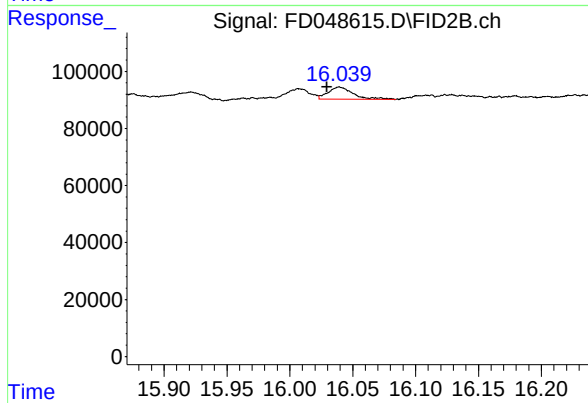
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: 0.050 min
Response: 171997
Conc: 1.05 ug/ml



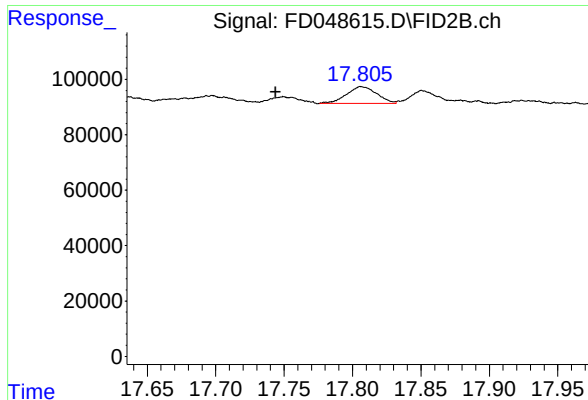
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.008 min
Delta R.T.: 0.010 min
Response: 47509
Conc: 0.31 ug/ml



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

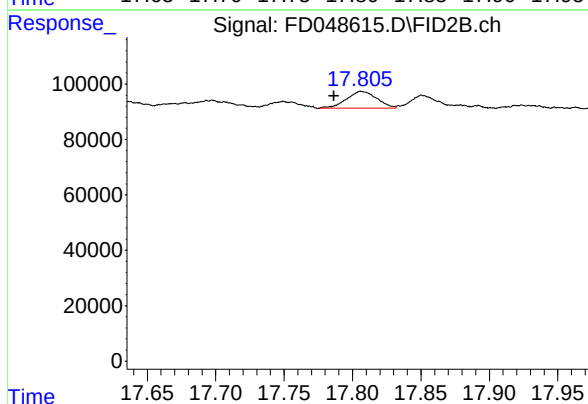
R.T.: 16.040 min
Delta R.T.: 0.010 min
Response: 57129
Conc: 0.38 ug/ml



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

R.T.: 17.807 min
Delta R.T.: 0.063 min
Response: 93564
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.807 min
Delta R.T.: 0.020 min
Response: 93564
Conc: 0.57 ug/ml