

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048612.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 07:42
 Operator : YP/AJ
 Sample : P4518-03DL 10X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:38:46 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...	7.368	1260590	8.305 ug/ml
Spiked Amount 50.000		Recovery =	16.61%
6) S 2-Fluorobiphenyl (SURR)	8.219	1051704	10.711 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.42%
11) S ortho-Terphenyl (SURR)	11.252	1275466	7.488 ug/ml
Spiked Amount 50.000		Recovery =	14.98%
Target Compounds			
2) T Naphthalene (C11.7)	5.715	49365	0.277 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	448544	2.508 ug/ml
5) T Acenaphthylene (C15.06)	8.007	907935	5.171 ug/ml
7) T Acenaphthene (C15.5)	8.313	209893	1.183 ug/ml
8) T Fluorene (C16.55)	9.092	490187	2.900 ug/ml
9) T Phenanthrene (C19.36)	10.482	951319	5.755 ug/ml
10) T Anthracene (C19.43)	10.579	686929	4.296 ug/ml
12) T Fluoranthene (C21.85)	12.287	523829	3.183 ug/ml
13) T Pyrene (C20.8)	12.581	247942	1.539 ug/ml
14) T Benzo[a]anthracene (C...	14.499	84280	0.576 ug/ml
15) T Chrysene (C27.41)	14.499	84280	0.512 ug/ml
16) T benzo[b]fluoranthene ...	16.007	47411	0.312 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	71533	0.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.412	63090	0.419 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805f	89610	0.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	89610	0.551 ug/ml

(f)=RT Delta > 1/2 Window

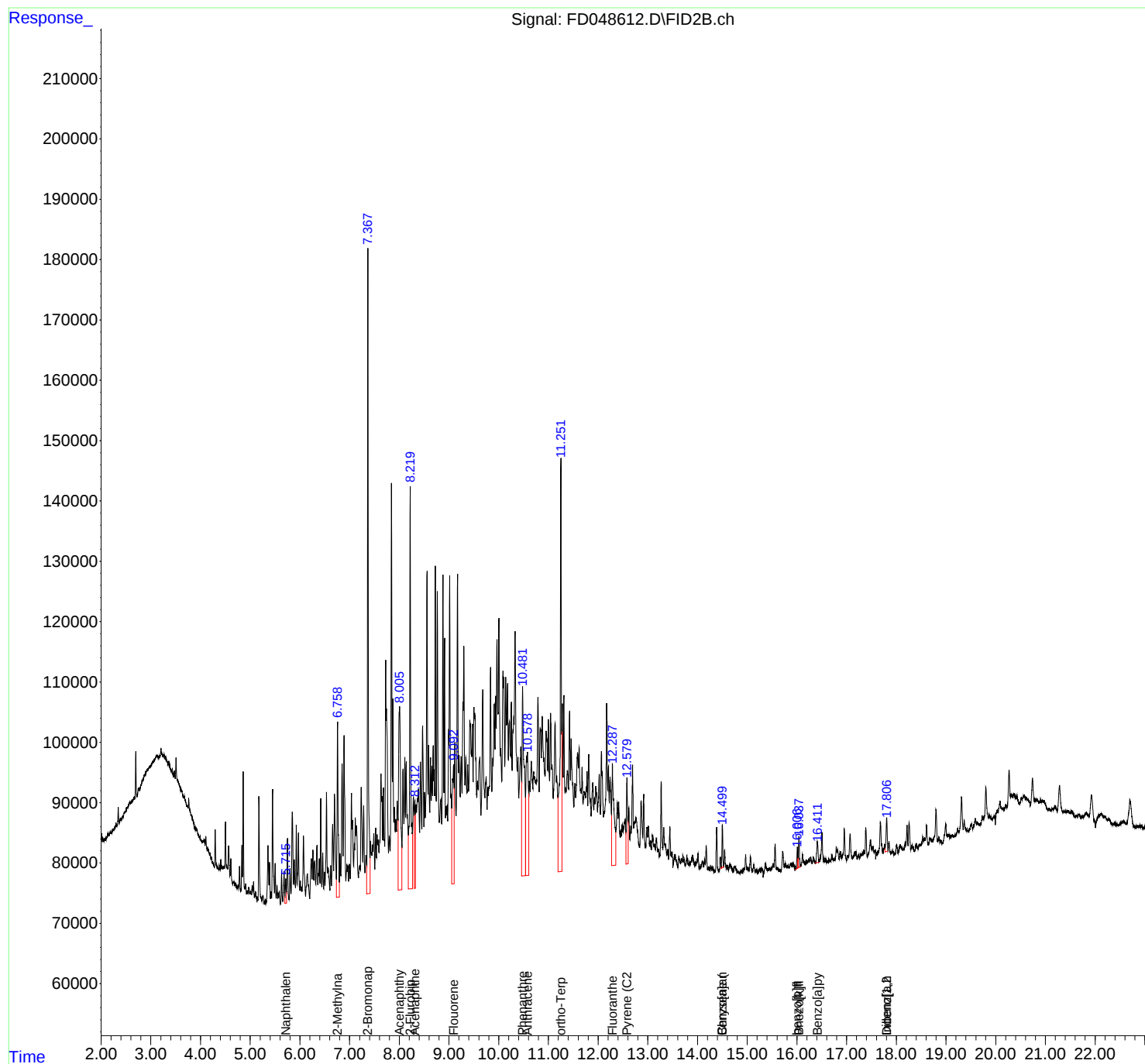
(m)=manual int.

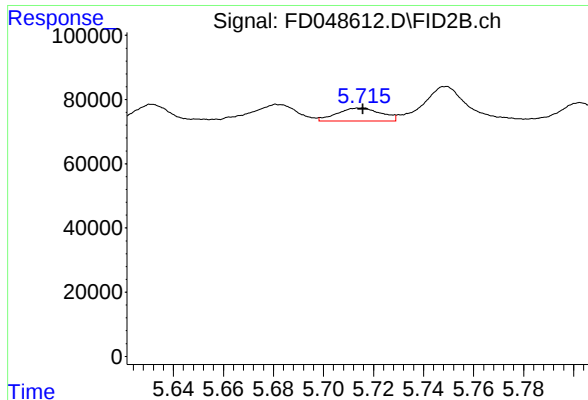
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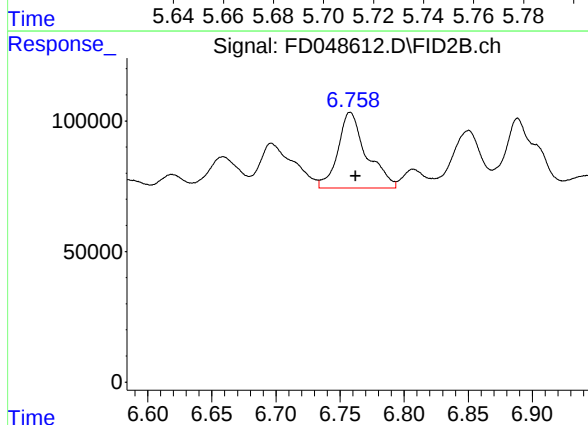
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 49365
Conc: 0.28 ug/ml

Instrument :

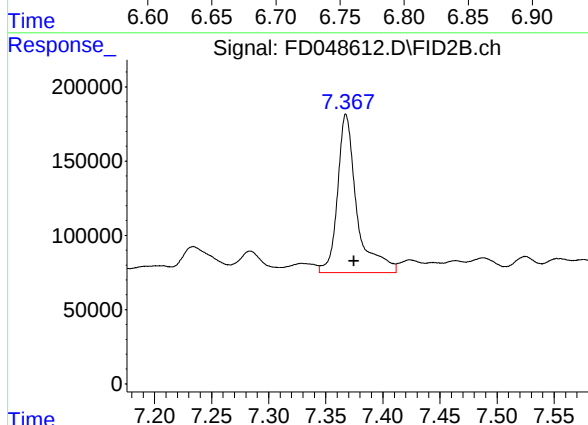
FID_D

ClientSampleId :



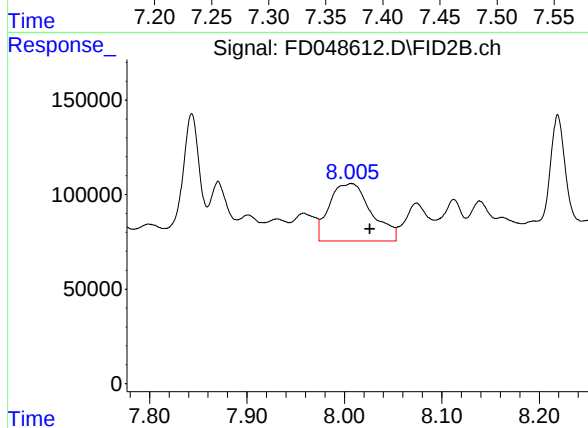
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 448544
Conc: 2.51 ug/ml



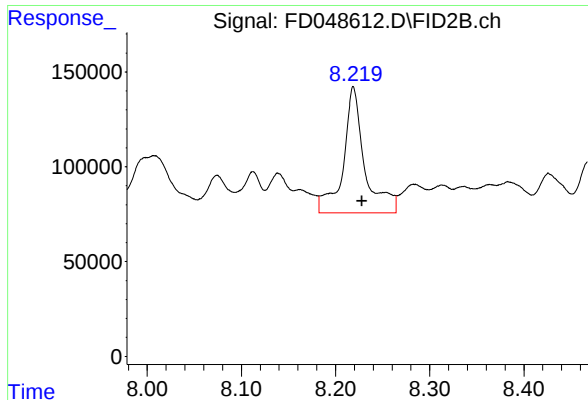
#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min
Delta R.T.: -0.007 min
Response: 1260590
Conc: 8.31 ug/ml



#5 Acenaphthylene (C15.06)

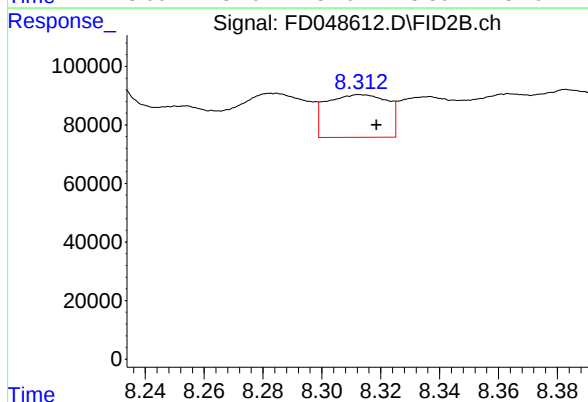
R.T.: 8.007 min
Delta R.T.: -0.019 min
Response: 907935
Conc: 5.17 ug/ml



#6 2-Fluorobiphenyl (SURR)

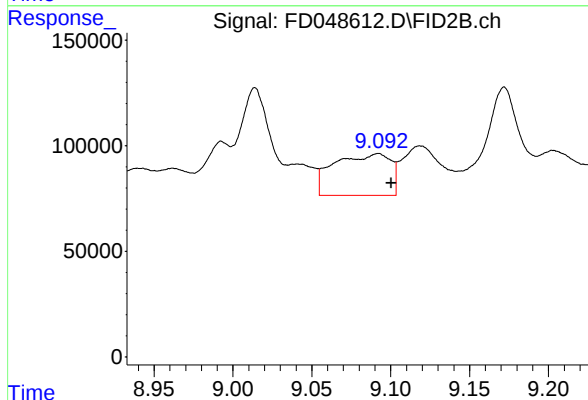
R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 1051704
Conc: 10.71 ug/ml

Instrument :
FID_D
ClientSampleId :



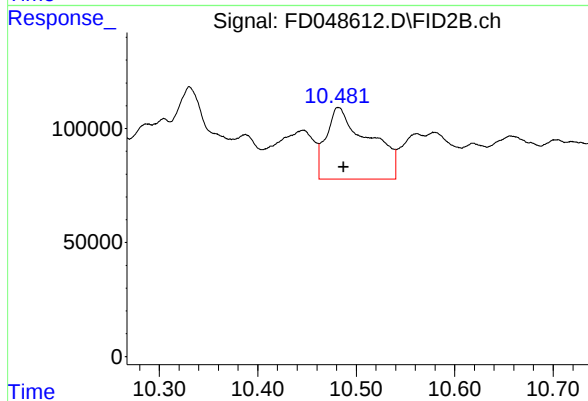
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: -0.005 min
Response: 209893
Conc: 1.18 ug/ml



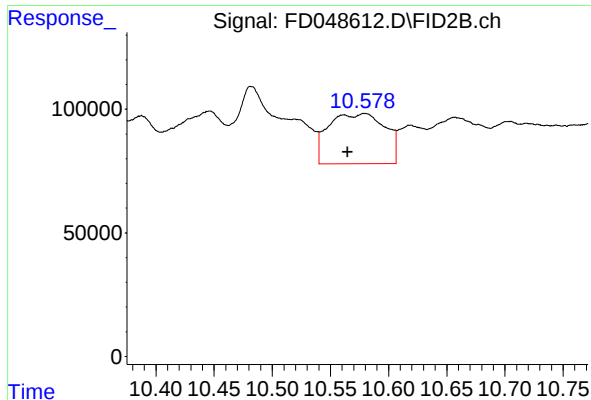
#8 Flouorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.009 min
Response: 490187
Conc: 2.90 ug/ml



#9 Phenanthrene (C19.36)

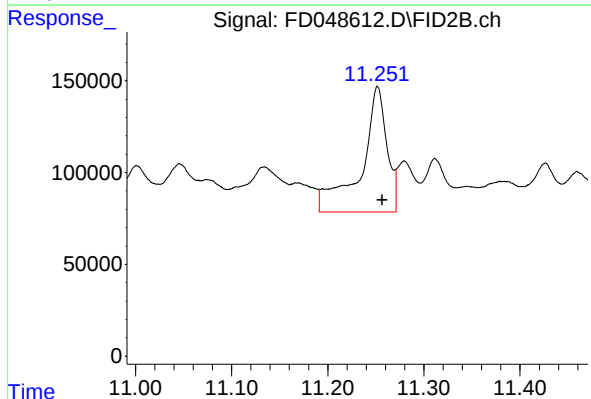
R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 951319
Conc: 5.75 ug/ml



#10 Anthracene (C19.43)

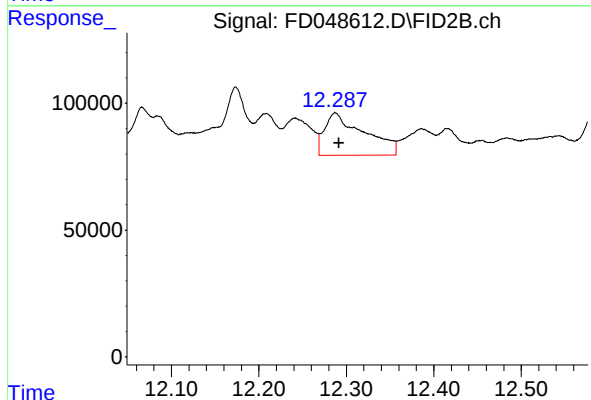
R.T.: 10.579 min
Delta R.T.: 0.015 min
Response: 686929
Conc: 4.30 ug/ml

Instrument :
FID_D
ClientSampleId :



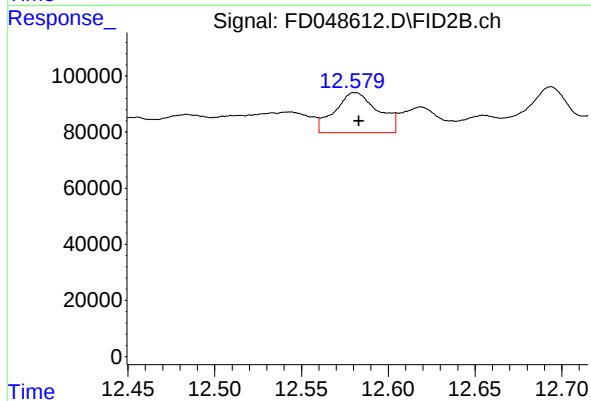
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 1275466
Conc: 7.49 ug/ml



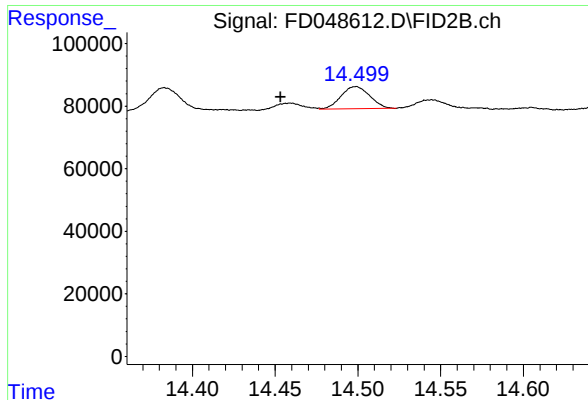
#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: -0.004 min
Response: 523829
Conc: 3.18 ug/ml



#13 Pyrene (C20.8)

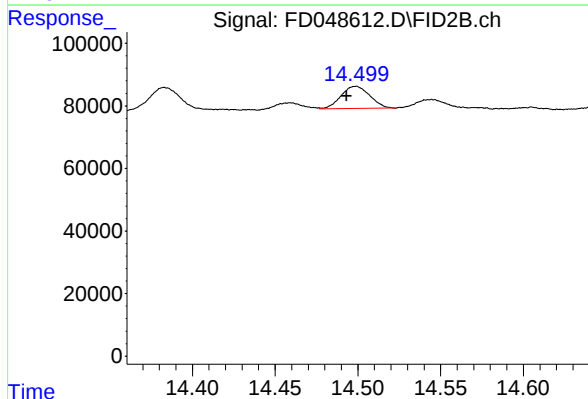
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 247942
Conc: 1.54 ug/ml



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

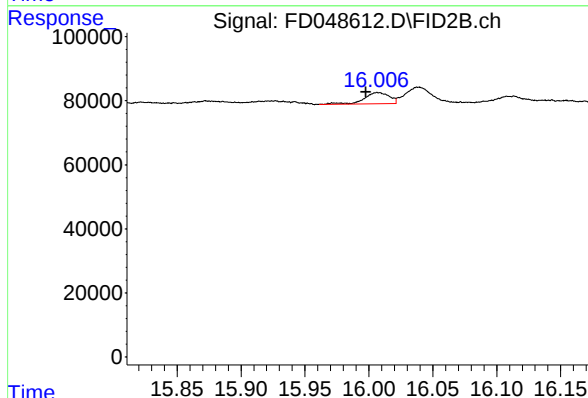
R.T.: 14.499 min
Delta R.T.: 0.045 min
Response: 84280
Conc: 0.58 ug/ml

Instrument :
FID_D
ClientSampleId :



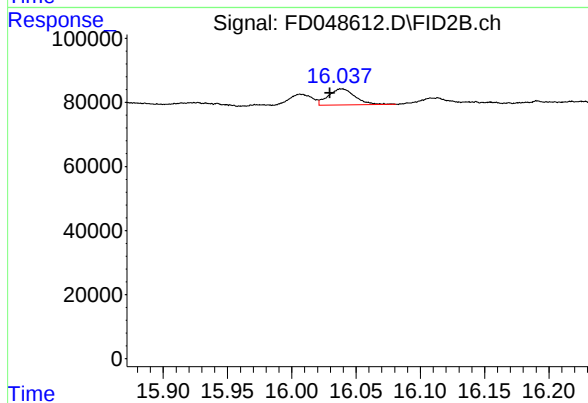
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.005 min
Response: 84280
Conc: 0.51 ug/ml



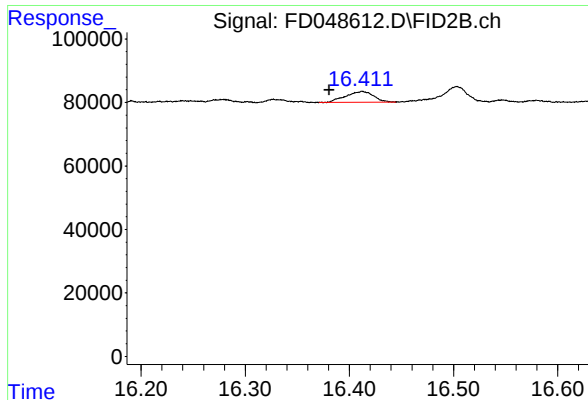
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.007 min
Delta R.T.: 0.009 min
Response: 47411
Conc: 0.31 ug/ml



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

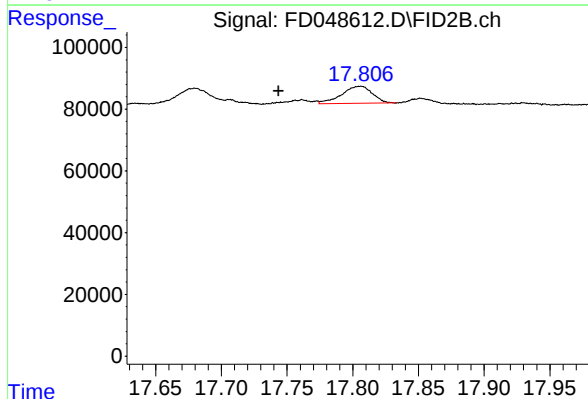
R.T.: 16.039 min
Delta R.T.: 0.009 min
Response: 71533
Conc: 0.48 ug/ml



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

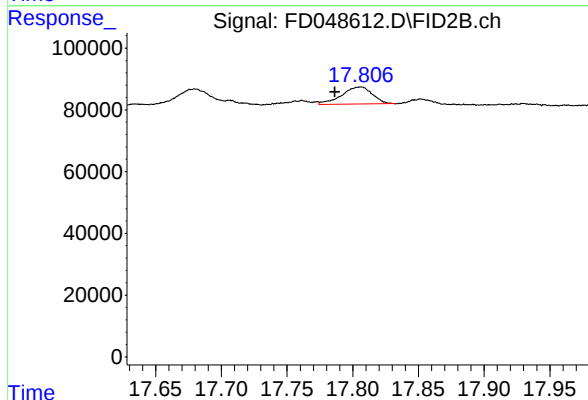
R.T.: 16.412 min
Delta R.T.: 0.032 min
Response: 63090
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.805 min
Delta R.T.: 0.061 min
Response: 89610
Conc: 0.69 ug/ml



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

R.T.: 17.805 min
Delta R.T.: 0.018 min
Response: 89610
Conc: 0.55 ug/ml