

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048610.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 18:16
 Operator : YP/AJ
 Sample : P4518-02DL 2X
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:38:21 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...	7.371	6005124	39.565 ug/ml
Spiked Amount 50.000		Recovery =	79.13%
6) S 2-Fluorobiphenyl (SURR)	8.222	4629888	47.151 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.30%
11) S ortho-Terphenyl (SURR)	11.259	6006589	35.262 ug/ml
Spiked Amount 50.000		Recovery =	70.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	38094	0.219 ug/ml
2) T Naphthalene (C11.7)	5.712	122660	0.687 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	2508253	14.023 ug/ml
5) T Acenaphthylene (C15.06)	8.006	6122391	34.867 ug/ml
7) T Acenaphthene (C15.5)	8.316	1360227	7.669 ug/ml
8) T Fluorene (C16.55)	9.095	3085241	18.252 ug/ml
9) T Phenanthrene (C19.36)	10.487	4538990	27.458 ug/ml
10) T Anthracene (C19.43)	10.565	2013156	12.589 ug/ml
12) T Fluoranthene (C21.85)	12.291	4366015	26.529 ug/ml
13) T Pyrene (C20.8)	12.585	1802672	11.191 ug/ml
14) T Benzo[a]anthracene (C...	14.455	211967	1.450 ug/ml
15) T Chrysene (C27.41)	14.492	334542	2.034 ug/ml
16) T benzo[b]fluoranthene ...	16.005	147225	0.968 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	195390	1.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.319f	137850	0.916 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809f	275621	2.112 ug/ml
20) T Dibenz[a,h]anthracene...	17.809	275621	1.694 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	90171	0.589 ug/ml

(f)=RT Delta > 1/2 Window

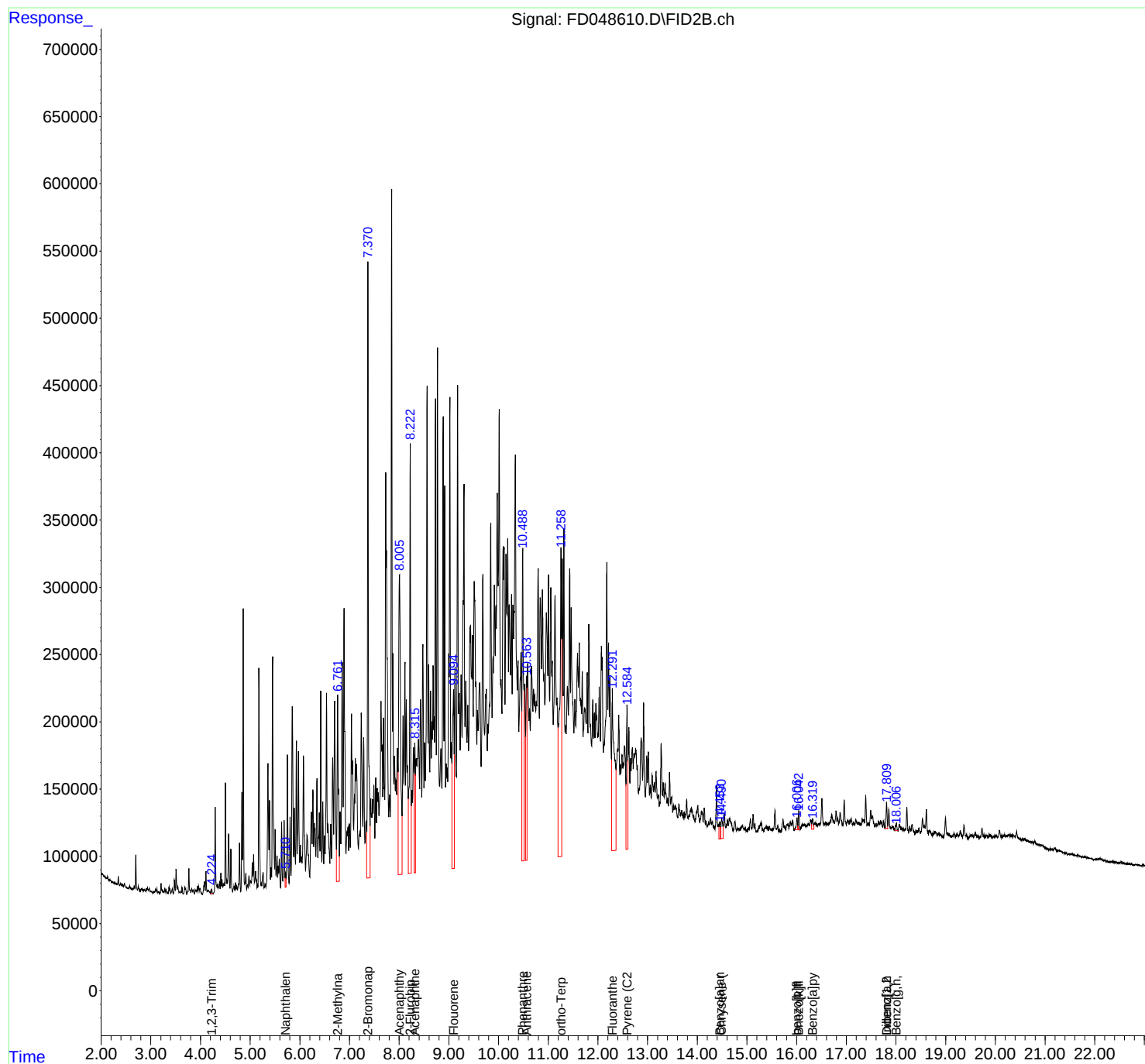
(m)=manual int.

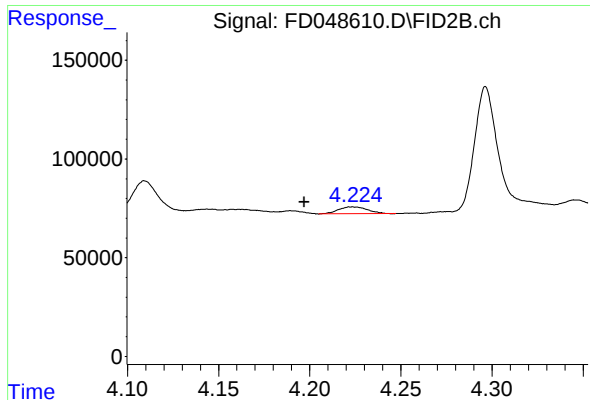
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824R\
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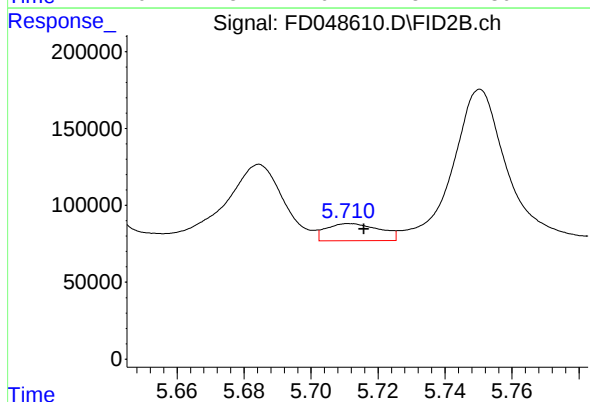




#1 1,2,3-Trimethylbenzene (C10.1)

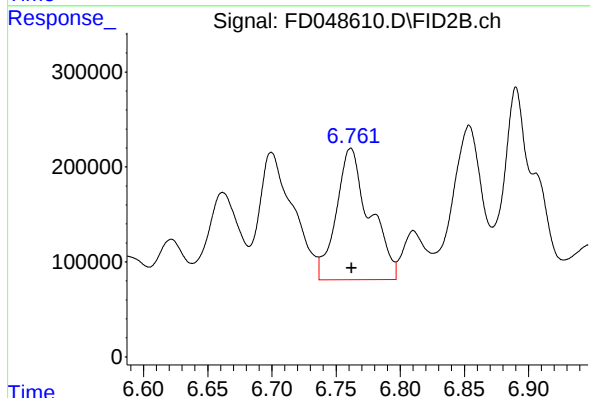
R.T.: 4.224 min
Delta R.T.: 0.027 min
Response: 38094
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



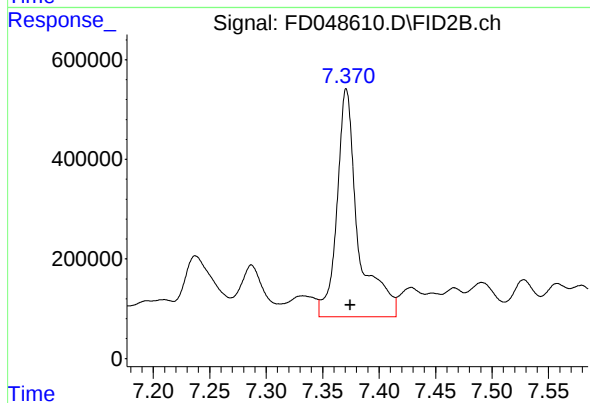
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 122660
Conc: 0.69 ug/ml



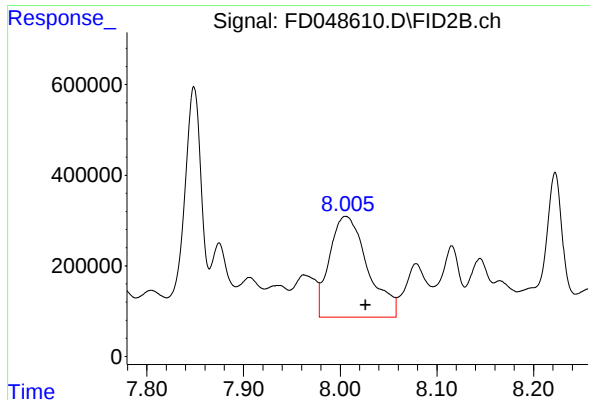
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 2508253
Conc: 14.02 ug/ml



#4 2-Bromonaphthalene (SURR)

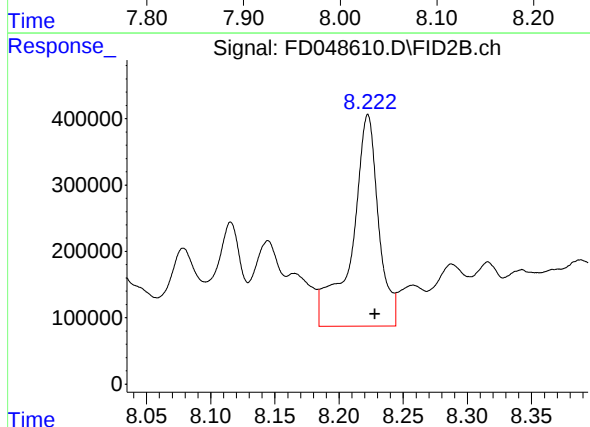
R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 6005124
Conc: 39.56 ug/ml



#5 Acenaphthylene (C15.06)

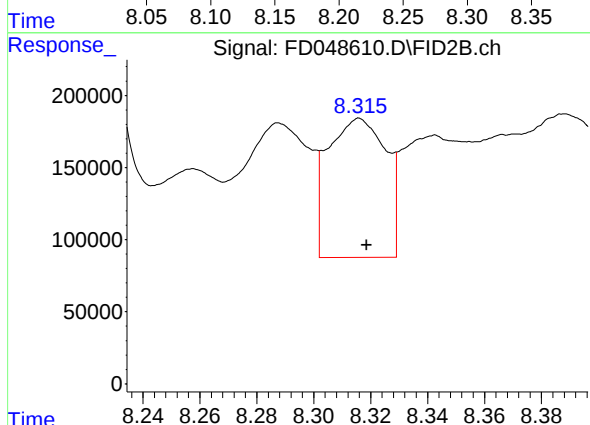
R.T.: 8.006 min
Delta R.T.: -0.021 min
Response: 6122391
Conc: 34.87 ug/ml

Instrument :
FID_D
ClientSampleId :



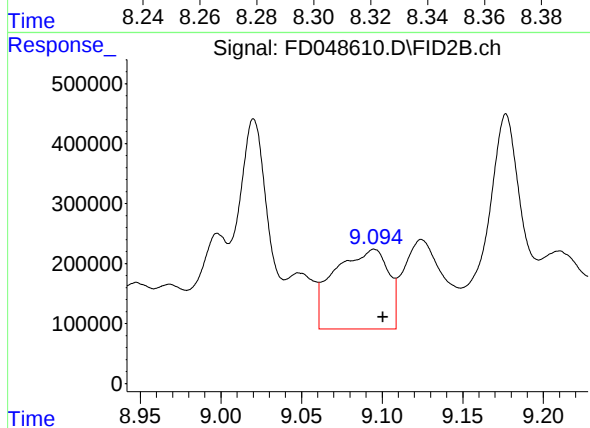
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 4629888
Conc: 47.15 ug/ml



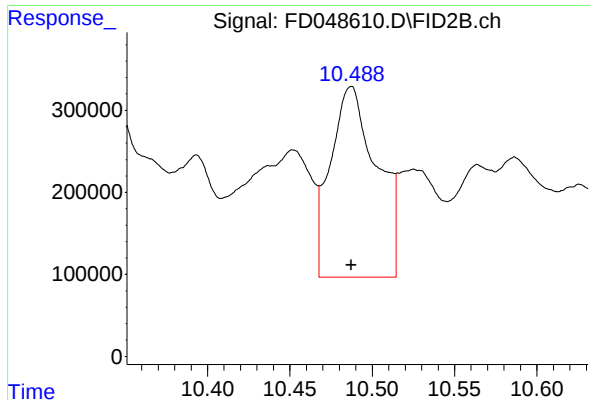
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 1360227
Conc: 7.67 ug/ml



#8 Flouorene (C16.55)

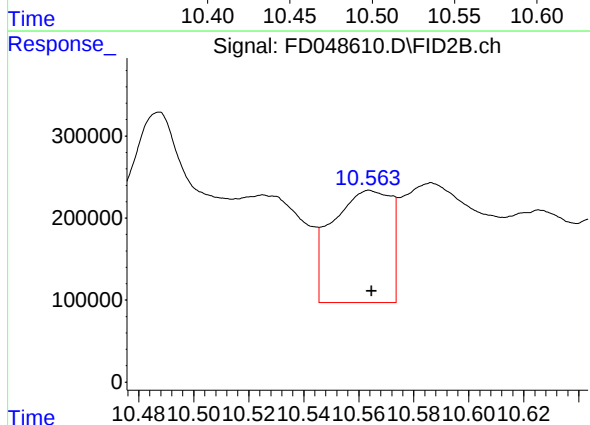
R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 3085241
Conc: 18.25 ug/ml



#9 Phenanthrene (C19.36)

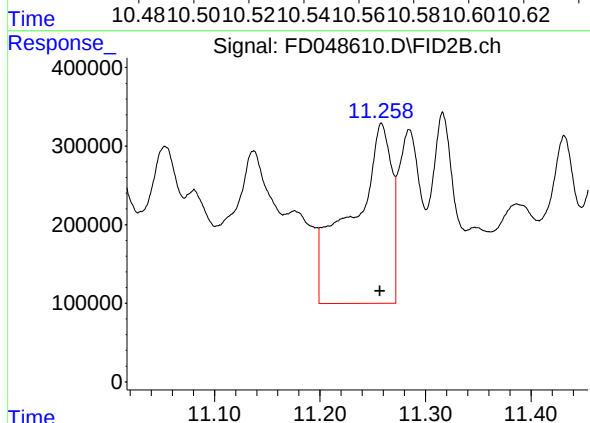
R.T.: 10.487 min
Delta R.T.: 0.000 min
Response: 4538990
Conc: 27.46 ug/ml

Instrument :
FID_D
ClientSampleId :



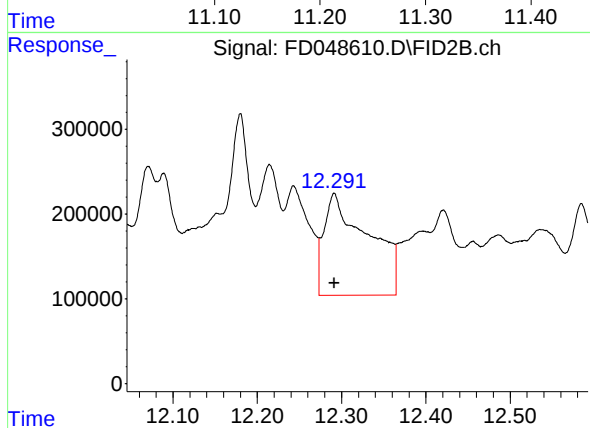
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: 0.000 min
Response: 2013156
Conc: 12.59 ug/ml



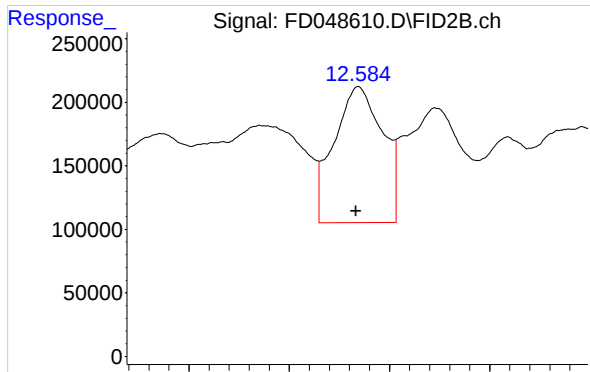
#11 ortho-Terphenyl (SURRE)

R.T.: 11.259 min
Delta R.T.: 0.002 min
Response: 6006589
Conc: 35.26 ug/ml



#12 Fluoranthene (C21.85)

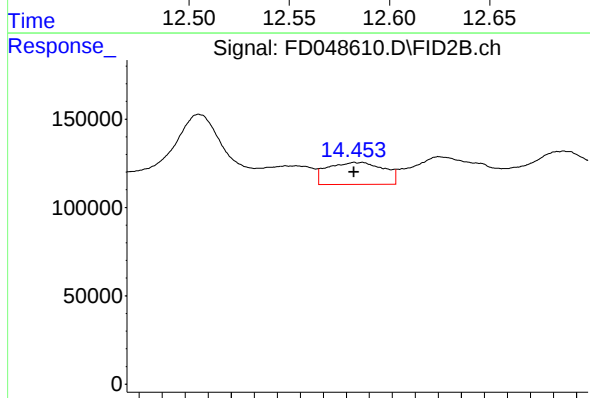
R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 4366015
Conc: 26.53 ug/ml



#13 Pyrene (C20.8)

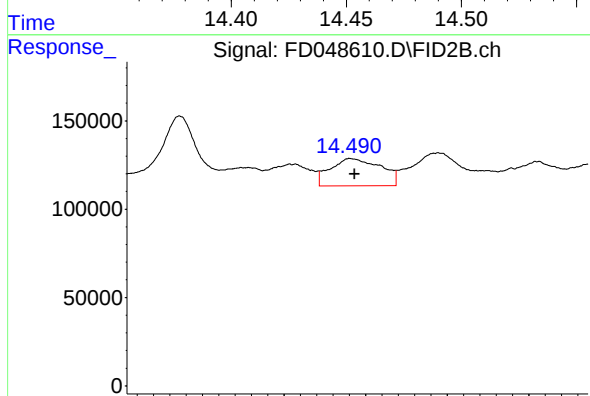
R.T.: 12.585 min
Delta R.T.: 0.001 min
Response: 1802672
Conc: 11.19 ug/ml

Instrument :
FID_D
ClientSampleId :



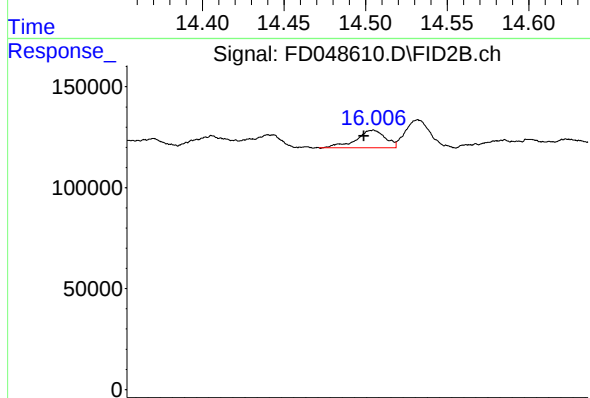
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: 0.002 min
Response: 211967
Conc: 1.45 ug/ml



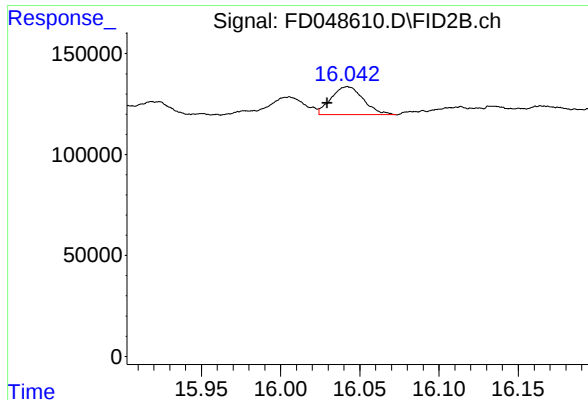
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.002 min
Response: 334542
Conc: 2.03 ug/ml



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

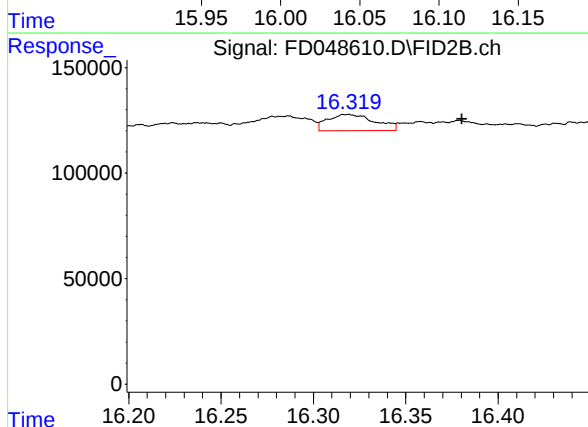
R.T.: 16.005 min
Delta R.T.: 0.007 min
Response: 147225
Conc: 0.97 ug/ml



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

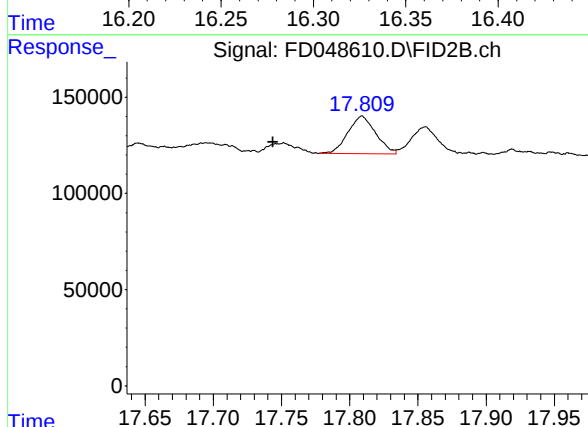
R.T.: 16.042 min
Delta R.T.: 0.012 min
Response: 195390
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



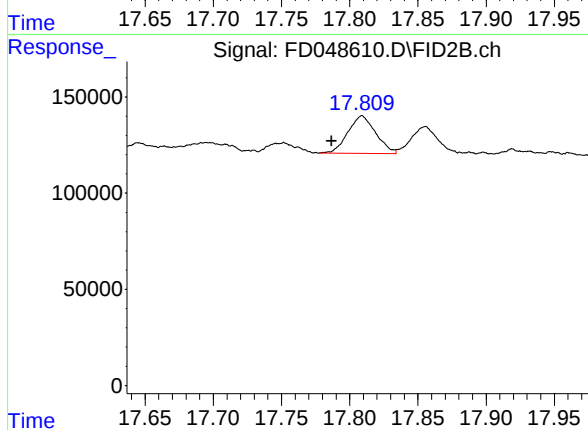
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.319 min
Delta R.T.: -0.062 min
Response: 137850
Conc: 0.92 ug/ml



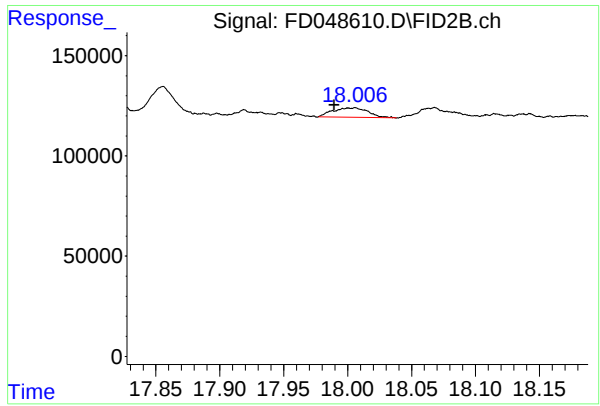
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: 0.065 min
Response: 275621
Conc: 2.11 ug/ml



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

R.T.: 17.809 min
Delta R.T.: 0.022 min
Response: 275621
Conc: 1.69 ug/ml



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

R.T.: 18.003 min

Delta R.T.: 0.013 min

Response: 90171

Conc: 0.59 ug/ml

Instrument :

FID_D

ClientSampleId :