

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047972.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 16:25
 Operator : YP/AJ
 Sample : P3141-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 03 04:57:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.413	9156012	62.958 ug/ml
Spiked Amount 50.000		Recovery =	125.92%
6) S 2-Fluorobiphenyl (SURR)	8.265	5726866	58.793 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.59%
11) S ortho-Terphenyl (SURR)	11.302	5298862	31.531 ug/ml
Spiked Amount 50.000		Recovery =	63.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	55259	0.344 ug/ml
2) T Naphthalene (C11.7)	5.763	52651	0.311 ug/ml
3) T 2-Methylnaphthalene (...)	6.811	106033	0.616 ug/ml
5) T Acenaphthylene (C15.06)	8.072	92405	0.550 ug/ml
7) T Acenaphthene (C15.5)	8.324	60053	0.354 ug/ml
8) T Flouorene (C16.55)	9.156	41972	0.253 ug/ml
9) T Phenanthrene (C19.36)	10.535	152552	0.932 ug/ml
10) T Anthracene (C19.43)	10.620	31627	0.194 ug/ml
12) T Fluoranthene (C21.85)	12.335	336541	2.044 ug/ml
13) T Pyrene (C20.8)	12.628	292408	1.793 ug/ml
14) T Benzo[a]anthracene (C...	14.501	108363	0.706 ug/ml
15) T Chrysene (C27.41)	14.539	276143	1.688 ug/ml
16) T benzo[b]fluoranthene ...	16.048	222364	1.447 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	97844	0.653 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	123439	0.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	276184	2.100 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	195640	1.235 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	111384	0.741 ug/ml

(f)=RT Delta > 1/2 Window

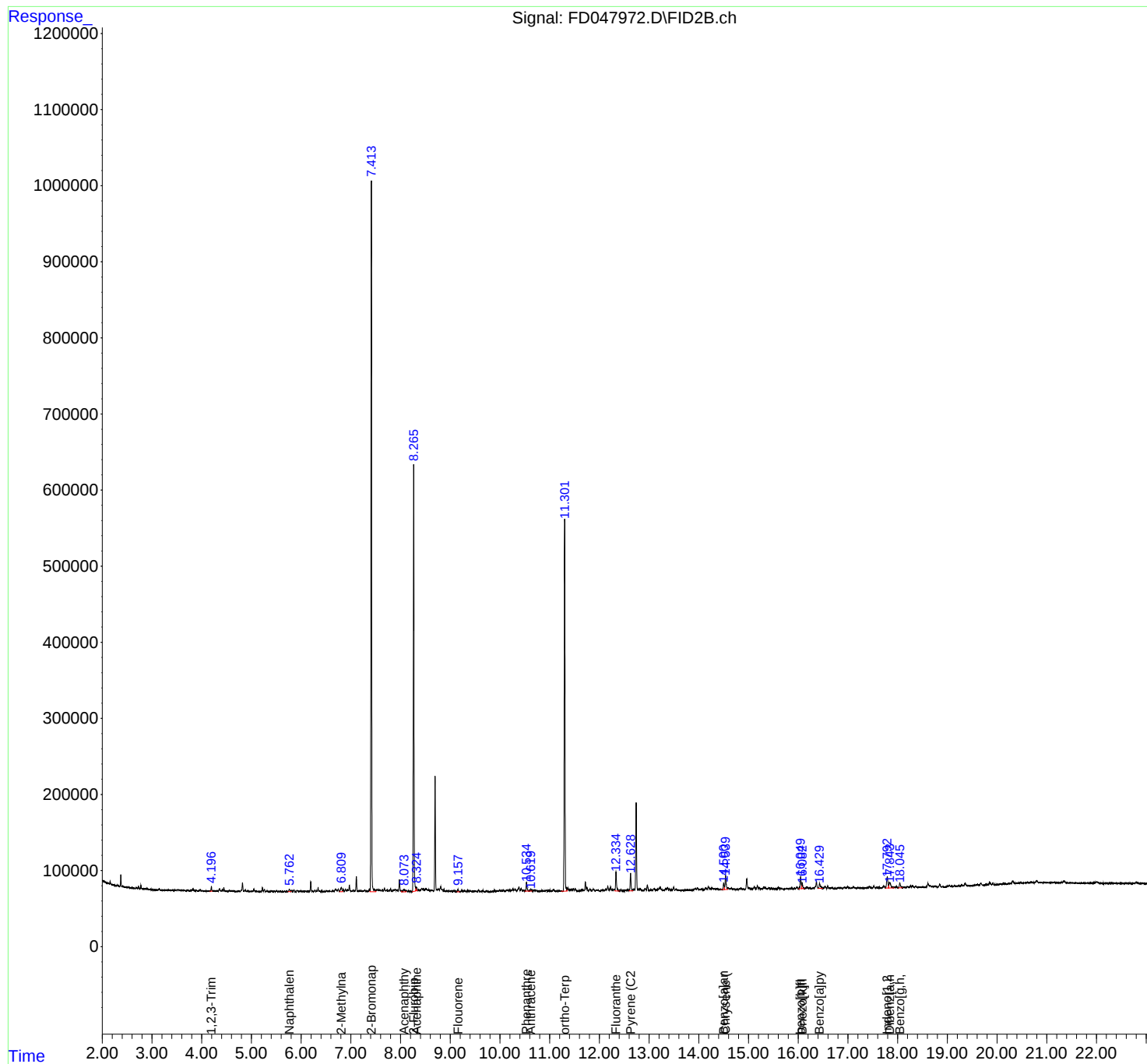
(m)=manual int.

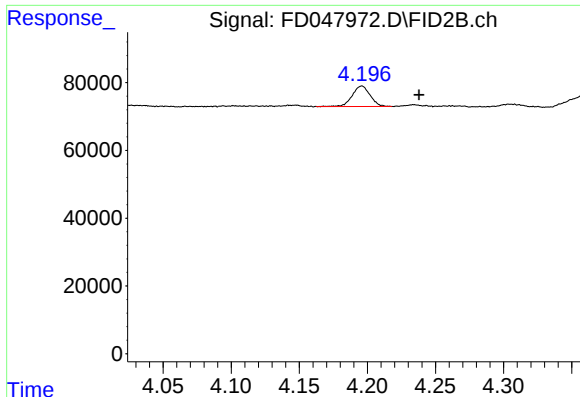
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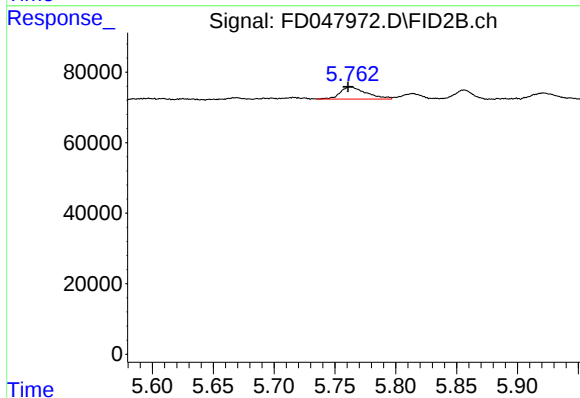




#1 1,2,3-Trimethylbenzene (C10.1)

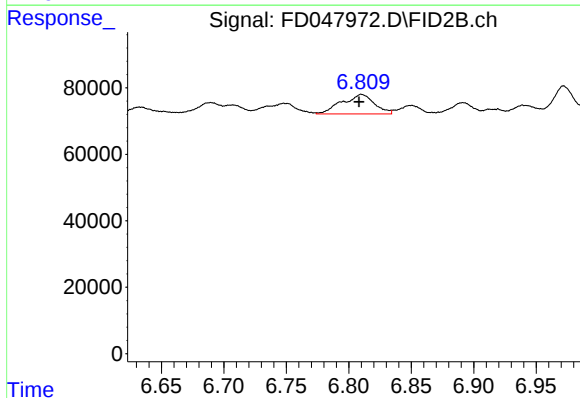
R.T.: 4.196 min
Delta R.T.: -0.042 min
Response: 55259
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



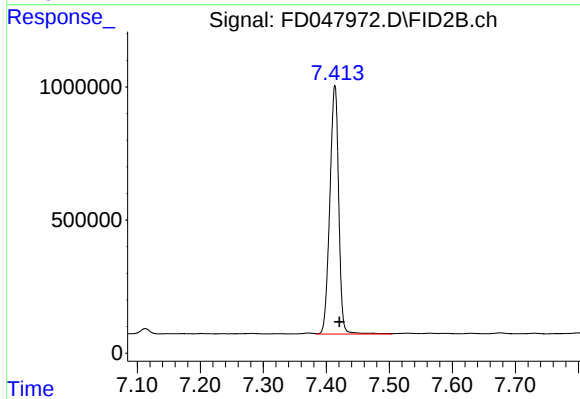
#2 Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: 0.002 min
Response: 52651
Conc: 0.31 ug/ml



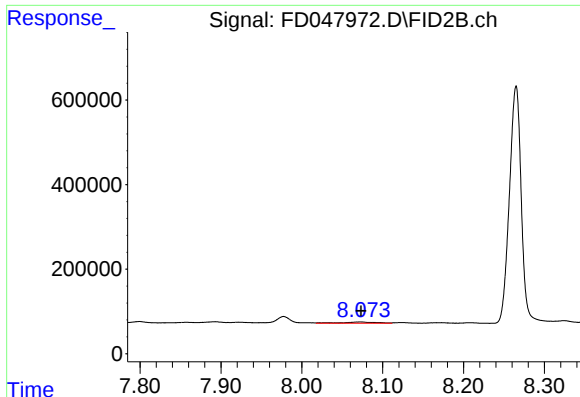
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 106033
Conc: 0.62 ug/ml



#4 2-Bromonaphthalene (SURR)

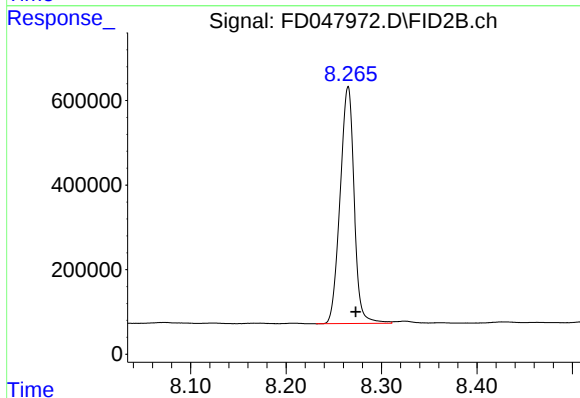
R.T.: 7.413 min
Delta R.T.: -0.007 min
Response: 9156012
Conc: 62.96 ug/ml



#5 Acenaphthylene (C15.06)

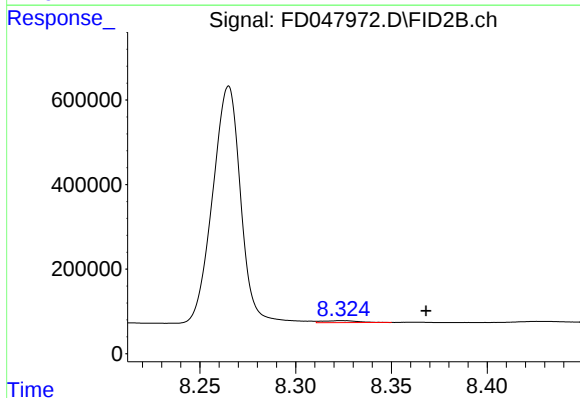
R.T.: 8.072 min
Delta R.T.: -0.001 min
Response: 92405
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



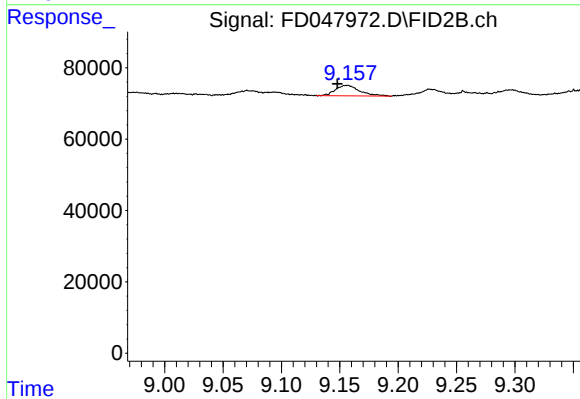
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.265 min
Delta R.T.: -0.008 min
Response: 5726866
Conc: 58.79 ug/ml



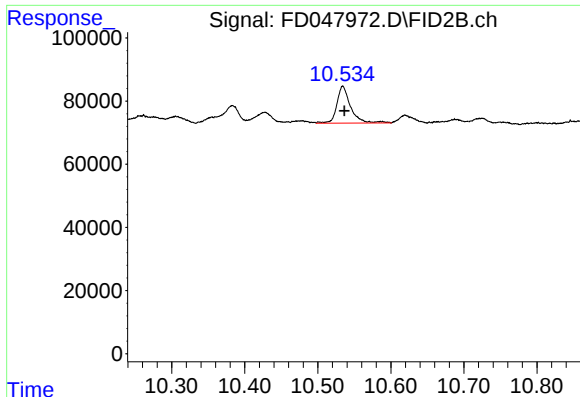
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.044 min
Response: 60053
Conc: 0.35 ug/ml



#8 Fluorene (C16.55)

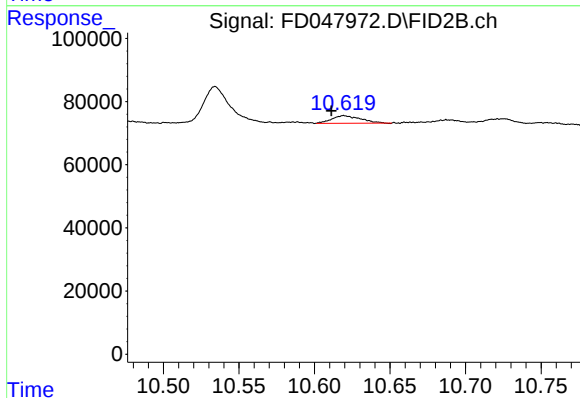
R.T.: 9.156 min
Delta R.T.: 0.008 min
Response: 41972
Conc: 0.25 ug/ml



#9 Phenanthrene (C19.36)

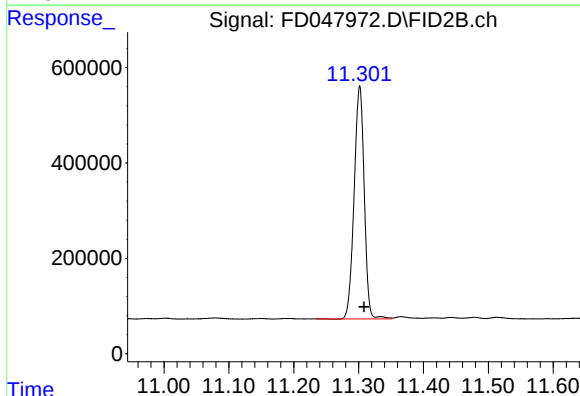
R.T.: 10.535 min
Delta R.T.: -0.002 min
Response: 152552
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



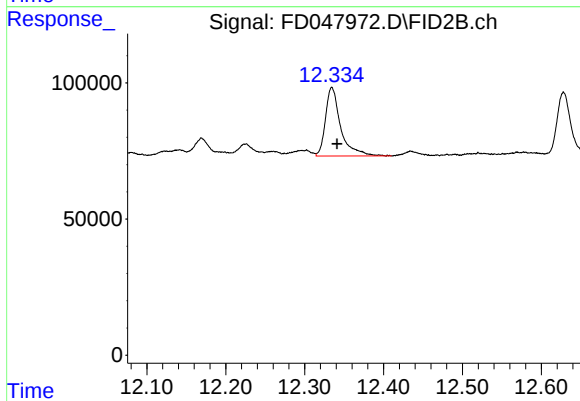
#10 Anthracene (C19.43)

R.T.: 10.620 min
Delta R.T.: 0.009 min
Response: 31627
Conc: 0.19 ug/ml



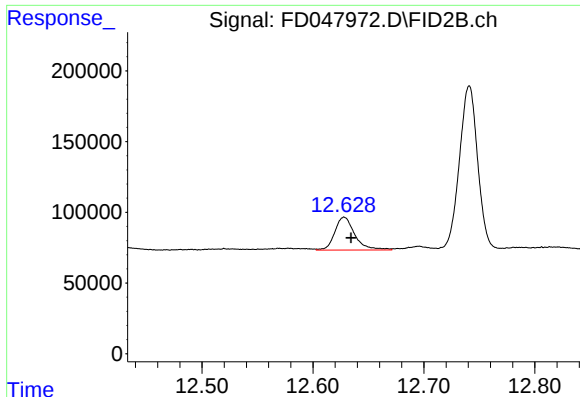
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.007 min
Response: 5298862
Conc: 31.53 ug/ml



#12 Fluoranthene (C21.85)

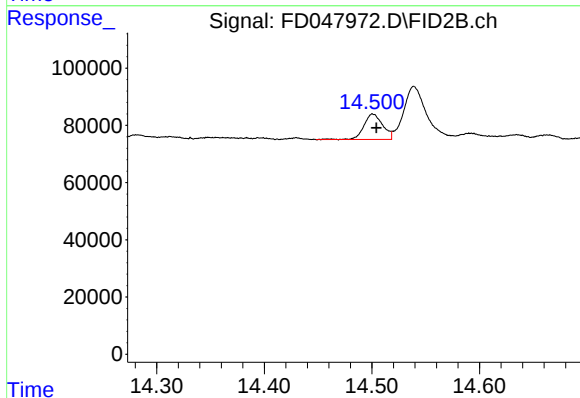
R.T.: 12.335 min
Delta R.T.: -0.006 min
Response: 336541
Conc: 2.04 ug/ml



#13 Pyrene (C20.8)

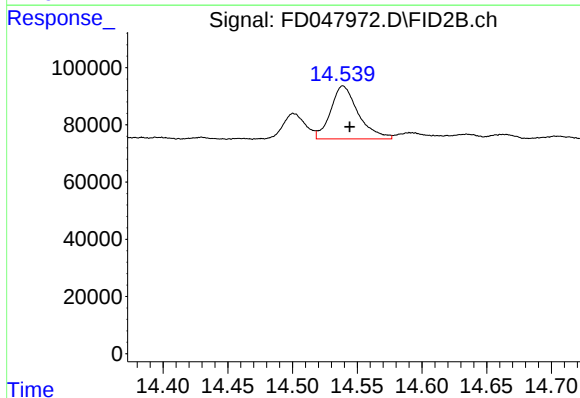
R.T.: 12.628 min
Delta R.T.: -0.006 min
Response: 292408
Conc: 1.79 ug/ml

Instrument :
FID_D
ClientSampleId :



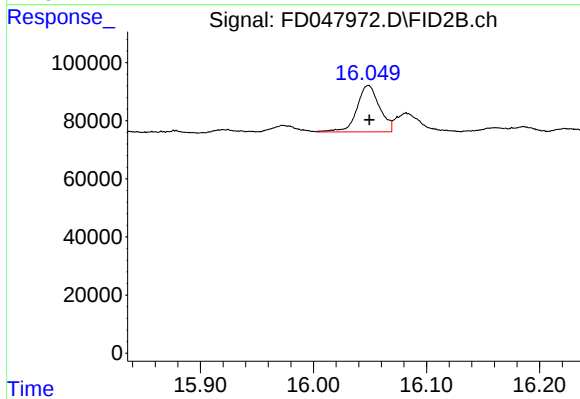
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.003 min
Response: 108363
Conc: 0.71 ug/ml



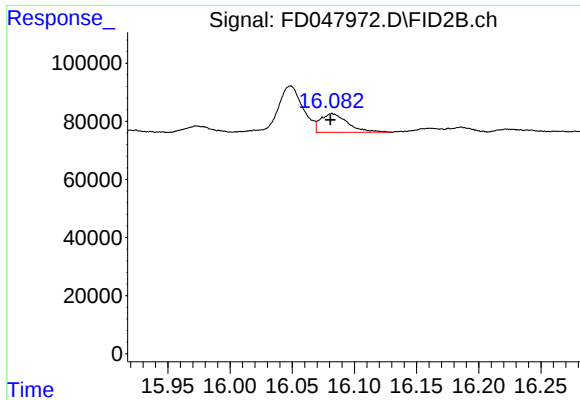
#15 Chrysene (C27.41)

R.T.: 14.539 min
Delta R.T.: -0.005 min
Response: 276143
Conc: 1.69 ug/ml



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

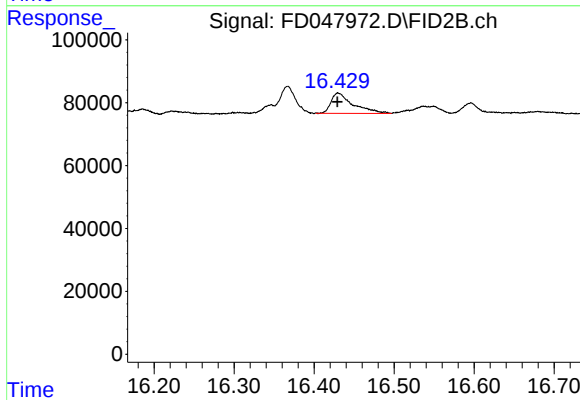
R.T.: 16.048 min
Delta R.T.: 0.000 min
Response: 222364
Conc: 1.45 ug/ml



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

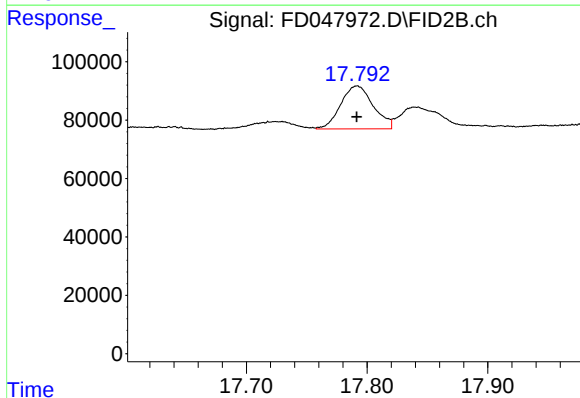
R.T.: 16.082 min
Delta R.T.: 0.001 min
Response: 97844
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



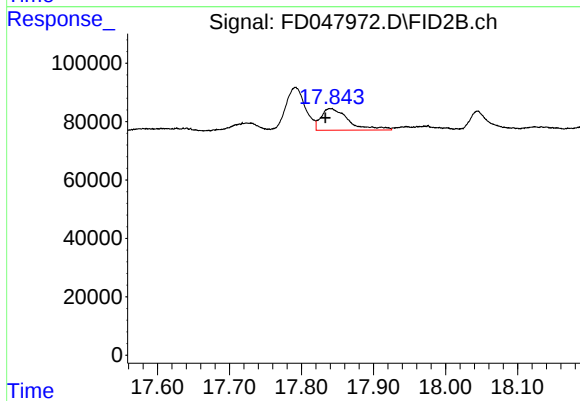
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: 0.001 min
Response: 123439
Conc: 0.81 ug/ml



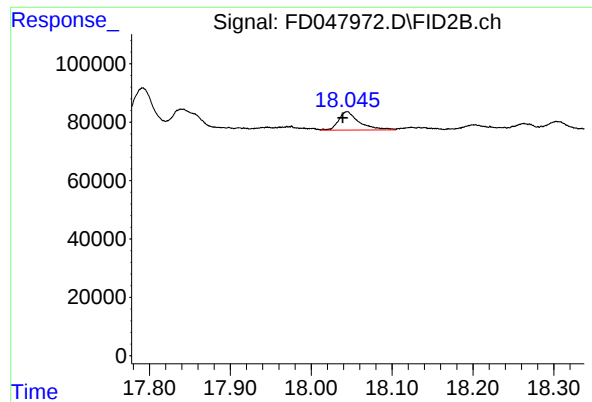
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: 0.000 min
Response: 276184
Conc: 2.10 ug/ml



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

R.T.: 17.840 min
Delta R.T.: 0.007 min
Response: 195640
Conc: 1.24 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.005 min
Response: 111384
Conc: 0.74 ug/ml

Instrument :

FID_D

ClientSampleId :