

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047710.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 00:42
 Operator : YP/AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 04:10:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.461	7885347	50.280 ug/ml
Spiked Amount 50.000		Recovery =	100.56%
6) S 2-Fluorobiphenyl (SURR)	8.314	5135093	49.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.18%
11) S ortho-Terphenyl (SURR)	11.357	7831264	41.759 ug/ml
Spiked Amount 50.000		Recovery =	83.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	298723	1.848 ug/ml
2) T Naphthalene (C11.7)	5.797	340987	2.015 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	421832	2.476 ug/ml
5) T Acenaphthylene (C15.06)	8.116	339390	2.081 ug/ml
7) T Acenaphthene (C15.5)	8.410	358936	2.135 ug/ml
8) T Fluorene (C16.55)	9.190	352249	2.118 ug/ml
9) T Phenanthrene (C19.36)	10.581	350488	2.141 ug/ml
10) T Anthracene (C19.43)	10.656	338498	2.260 ug/ml
12) T Fluoranthene (C21.85)	12.387	367797	2.217 ug/ml
13) T Pyrene (C20.8)	12.681	373099	2.293 ug/ml
14) T Benzo[a]anthracene (C...	14.553	290156	1.988 ug/ml
15) T Chrysene (C27.41)	14.593	350737	2.226 ug/ml
16) T benzo[b]fluoranthene ...	16.098	327036	2.190 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	355123	2.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	318014	2.204 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	295578	2.178 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	373403	2.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	294206	2.143 ug/ml

(f)=RT Delta > 1/2 Window

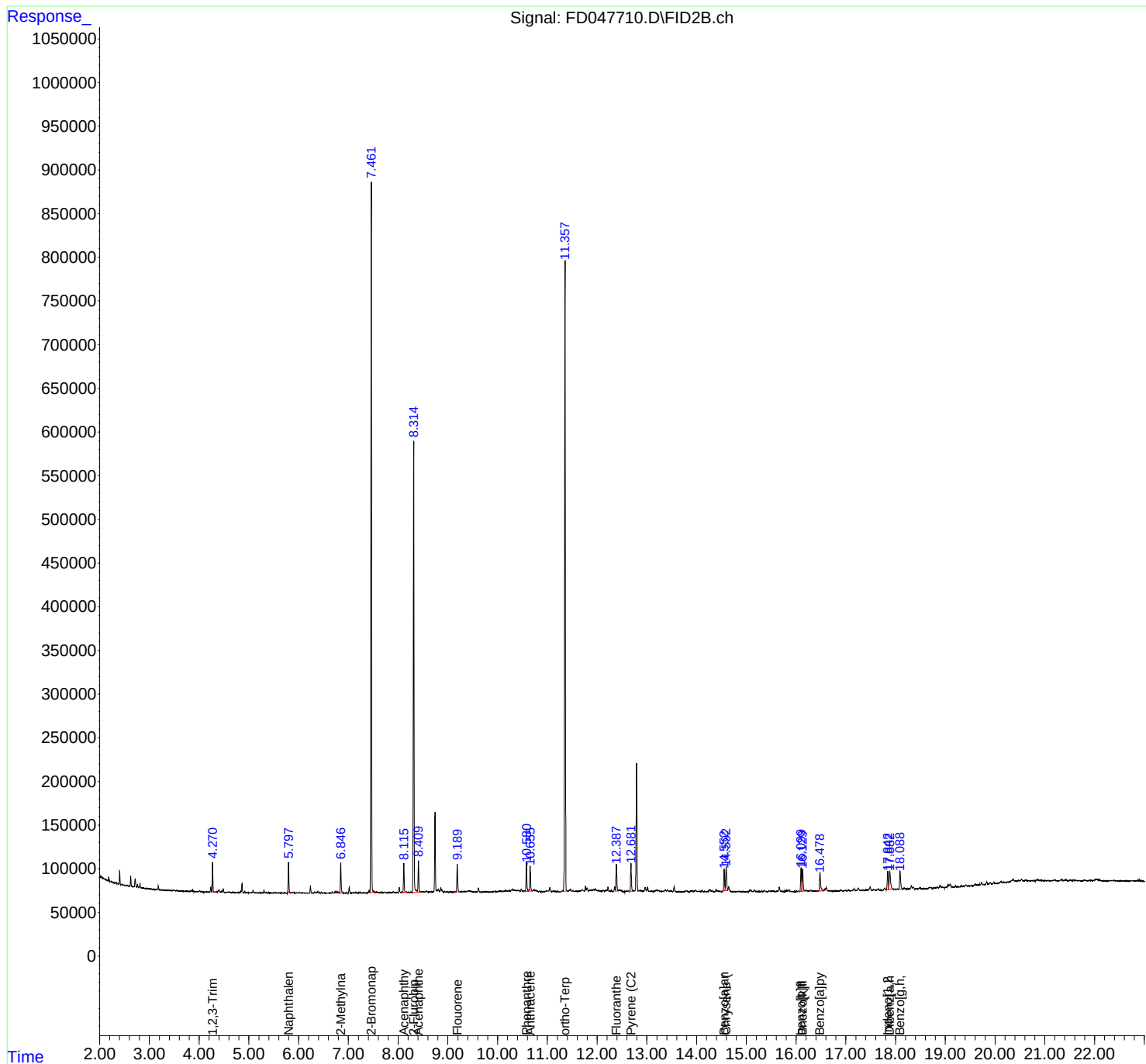
(m)=manual int.

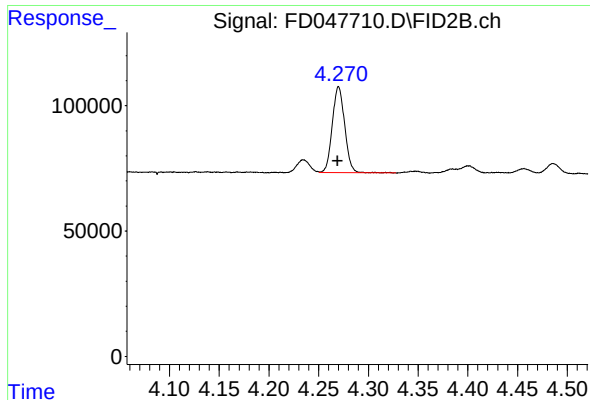
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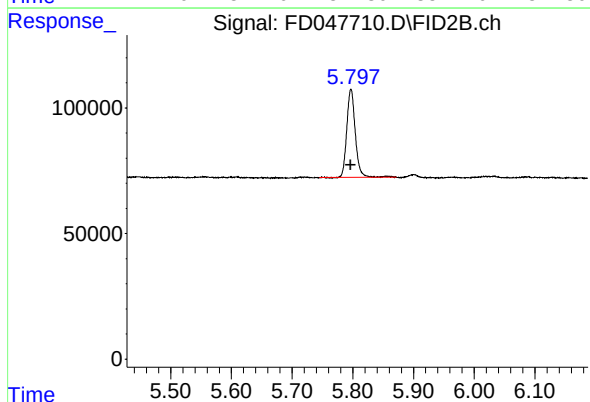
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 298723
Conc: 1.85 ug/ml

Instrument :

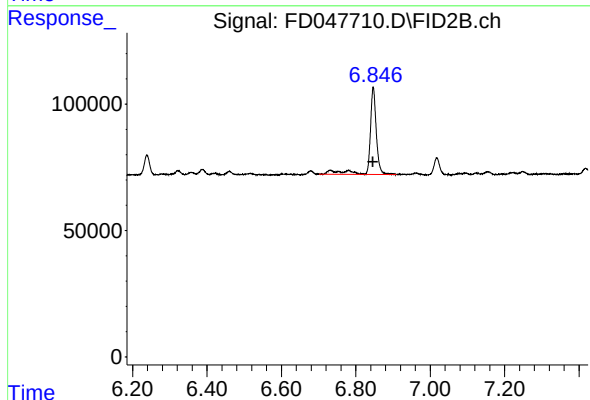
FID_D

ClientSampleId :



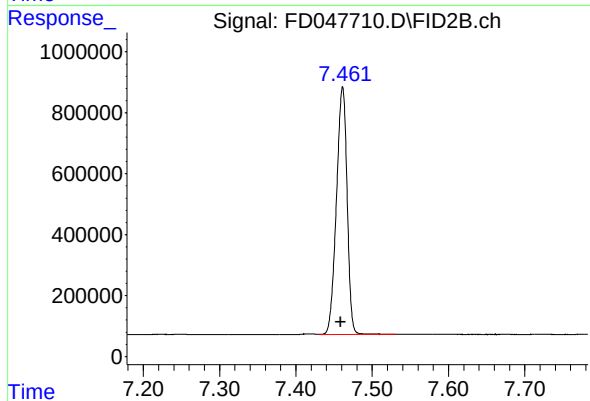
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 340987
Conc: 2.02 ug/ml



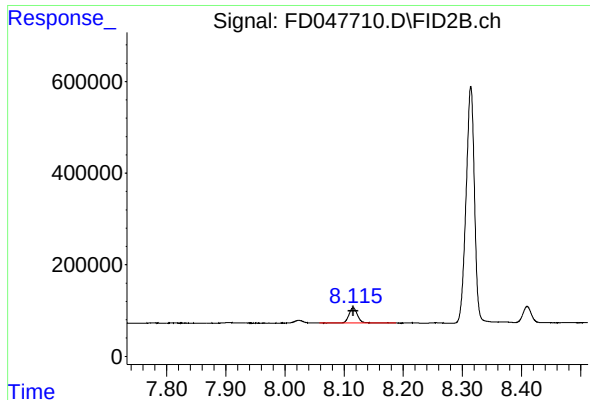
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.002 min
Response: 421832
Conc: 2.48 ug/ml



#4 2-Bromonaphthalene (SURR)

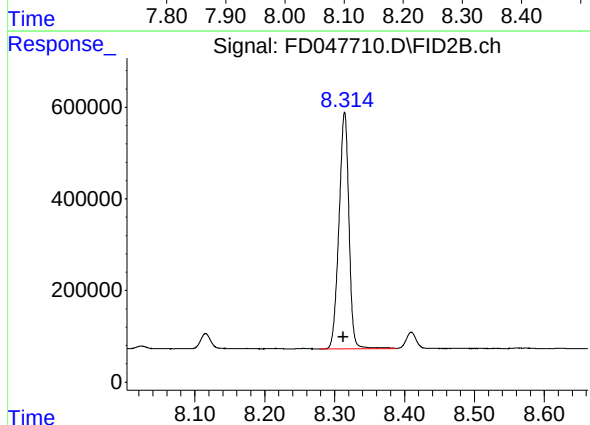
R.T.: 7.461 min
Delta R.T.: 0.003 min
Response: 7885347
Conc: 50.28 ug/ml



#5 Acenaphthylene (C15.06)

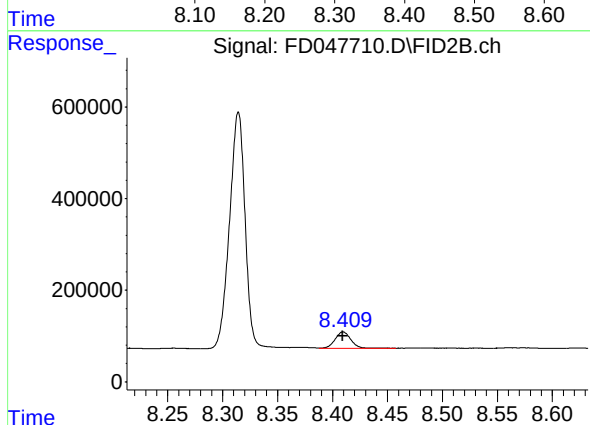
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 339390
Conc: 2.08 ug/ml

Instrument :
FID_D
ClientSampleId :



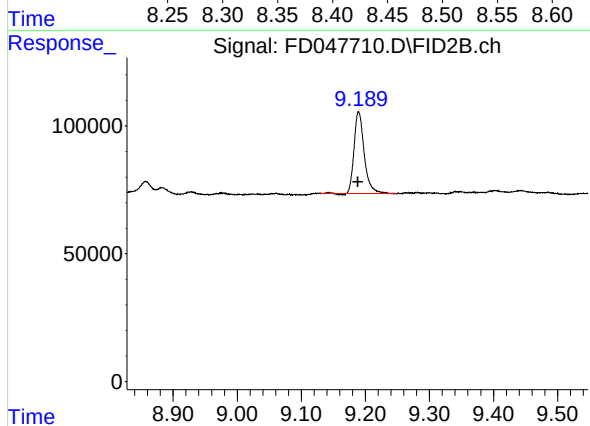
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.002 min
Response: 5135093
Conc: 49.09 ug/ml



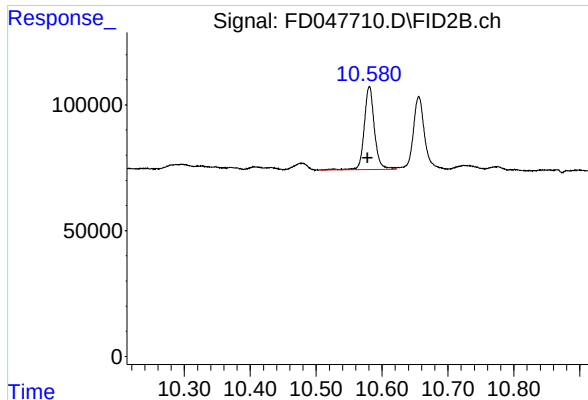
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 358936
Conc: 2.14 ug/ml



#8 Flouorene (C16.55)

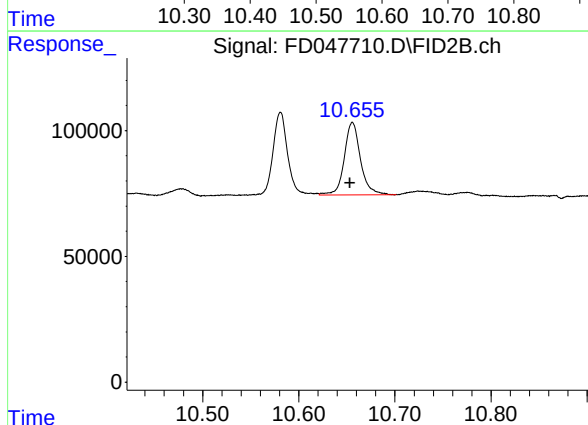
R.T.: 9.190 min
Delta R.T.: 0.000 min
Response: 352249
Conc: 2.12 ug/ml



#9 Phenanthrene (C19.36)

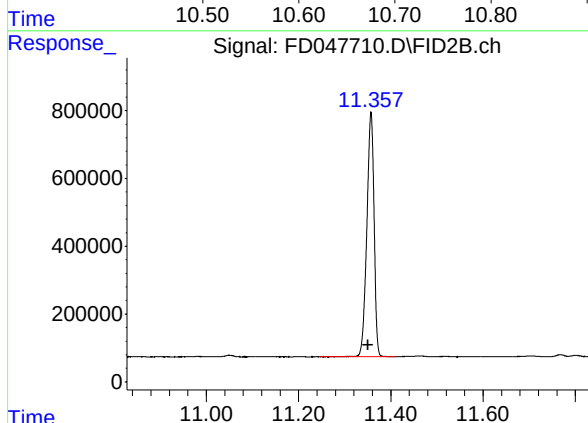
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 350488
Conc: 2.14 ug/ml

Instrument :
FID_D
ClientSampleId :



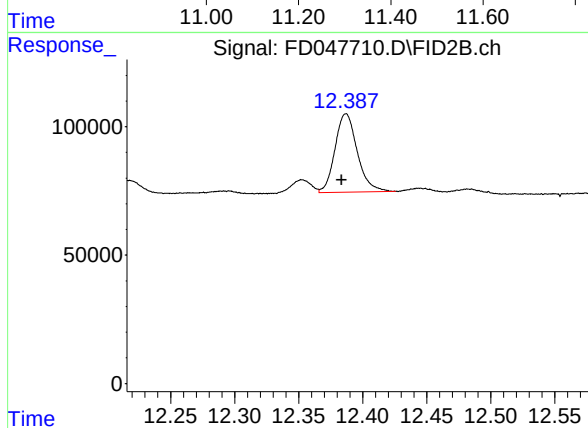
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 338498
Conc: 2.26 ug/ml



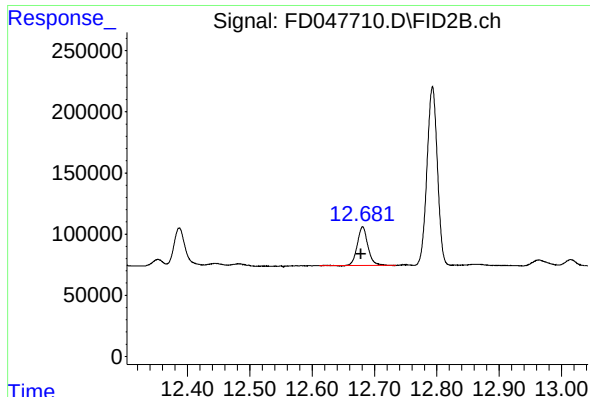
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 7831264
Conc: 41.76 ug/ml



#12 Fluoranthene (C21.85)

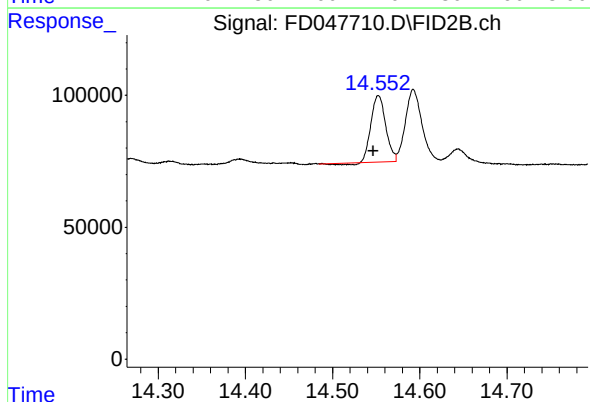
R.T.: 12.387 min
Delta R.T.: 0.003 min
Response: 367797
Conc: 2.22 ug/ml



#13 Pyrene (C20.8)

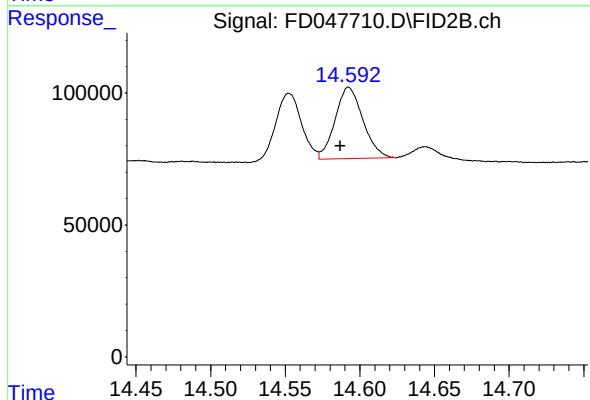
R.T.: 12.681 min
Delta R.T.: 0.003 min
Response: 373099
Conc: 2.29 ug/ml

Instrument :
FID_D
ClientSampleId :



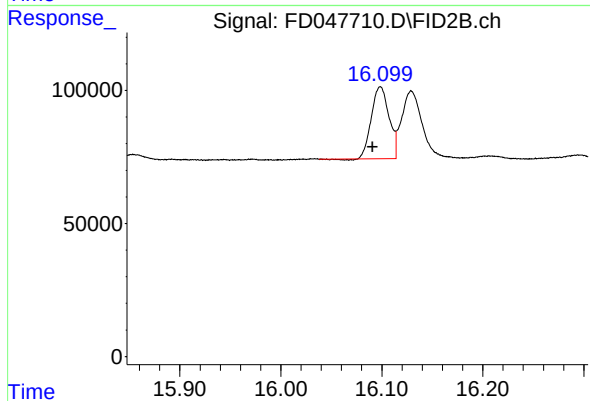
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.006 min
Response: 290156
Conc: 1.99 ug/ml



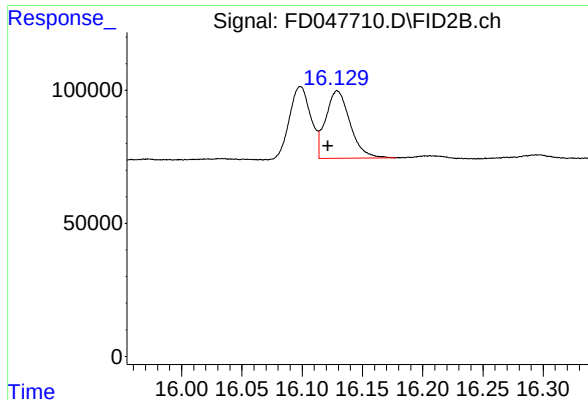
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.006 min
Response: 350737
Conc: 2.23 ug/ml



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

R.T.: 16.098 min
Delta R.T.: 0.008 min
Response: 327036
Conc: 2.19 ug/ml



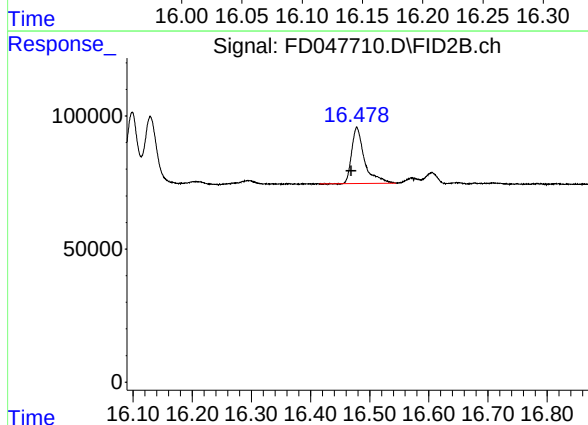
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.008 min
Response: 355123
Conc: 2.36 ug/ml

Instrument :

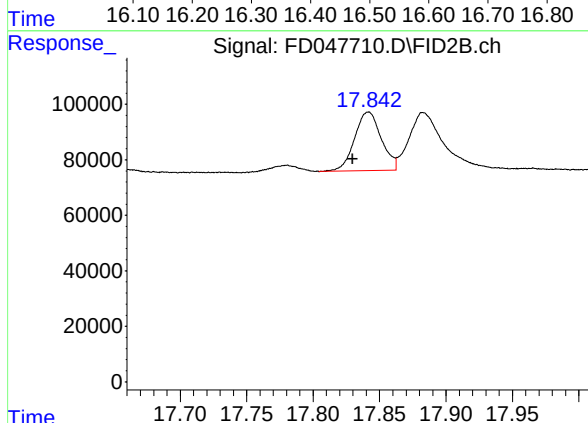
FID_D

ClientSampleId :



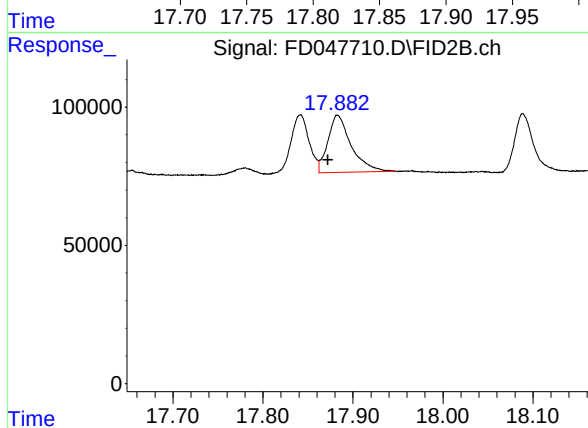
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.010 min
Response: 318014
Conc: 2.20 ug/ml



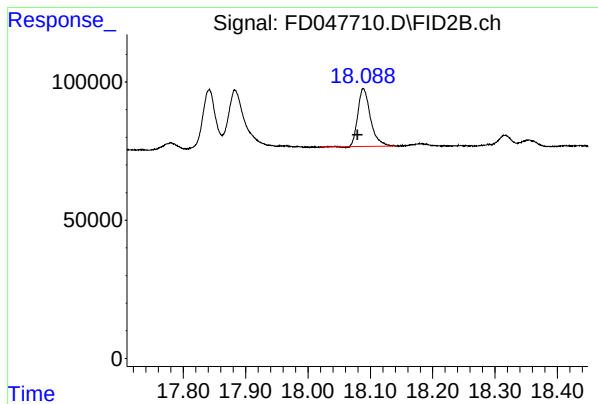
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.012 min
Response: 295578
Conc: 2.18 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.011 min
Response: 373403
Conc: 2.61 ug/ml



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

R.T.: 18.089 min

Delta R.T.: 0.009 min

Response: 294206

Conc: 2.14 ug/ml

Instrument :

FID_D

ClientSampleId :