

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047493.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 15:35
 Operator : YP/AJ
 Sample : PB160057BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 01:42:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.459	8192815	54.801 ug/ml
Spiked Amount 50.000		Recovery =	109.60%
6) S 2-Fluorobiphenyl (SURR)	8.311	4226277	43.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.51%
11) S ortho-Terphenyl (SURR)	11.348	8032440	46.857 ug/ml
Spiked Amount 50.000		Recovery =	93.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5391694	34.121 ug/ml
2) T Naphthalene (C11.7)	5.798	6389228	39.044 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	6738377	40.967 ug/ml
5) T Acenaphthylene (C15.06)	8.115	7277624	48.215 ug/ml
7) T Acenaphthene (C15.5)	8.411	7088476	44.258 ug/ml
8) T Fluorene (C16.55)	9.189	7565214	48.902 ug/ml
9) T Phenanthrene (C19.36)	10.577	7735745	51.994 ug/ml
10) T Anthracene (C19.43)	10.653	7422524	54.575 ug/ml
12) T Fluoranthene (C21.85)	12.382	7875816	53.276 ug/ml
13) T Pyrene (C20.8)	12.676	7954181	55.115 ug/ml
14) T Benzo[a]anthracene (C...	14.543	7509750	57.103 ug/ml
15) T Chrysene (C27.41)	14.586	7510433	53.262 ug/ml
16) T benzo[b]fluoranthene ...	16.087	7505643	53.799 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	7485799	53.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	7274038	52.978 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	7734193	57.337 ug/ml
20) T Dibenz[a,h]anthracene...	17.865	7304854	54.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	7065802	50.910 ug/ml

(f)=RT Delta > 1/2 Window

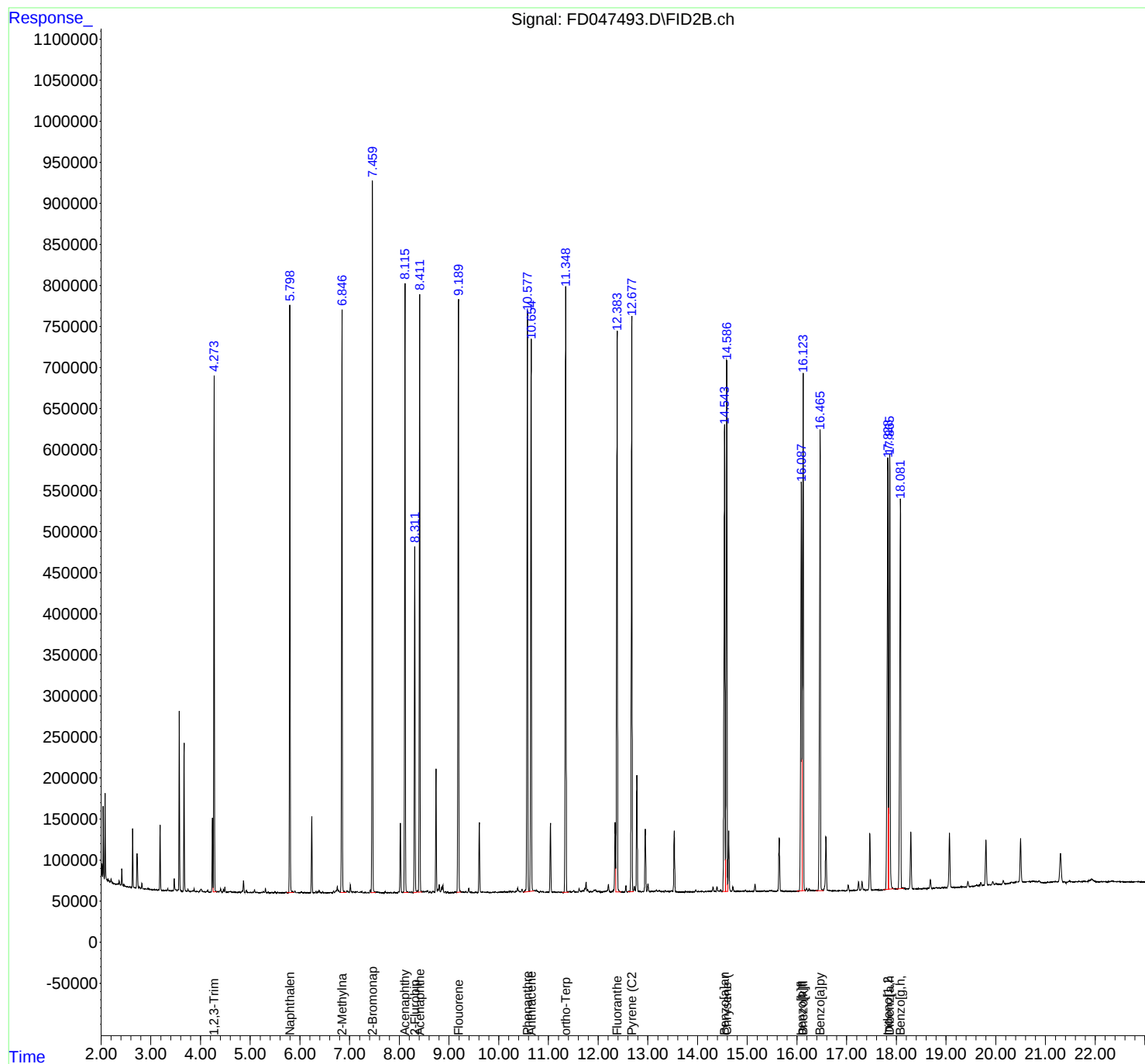
(m)=manual int.

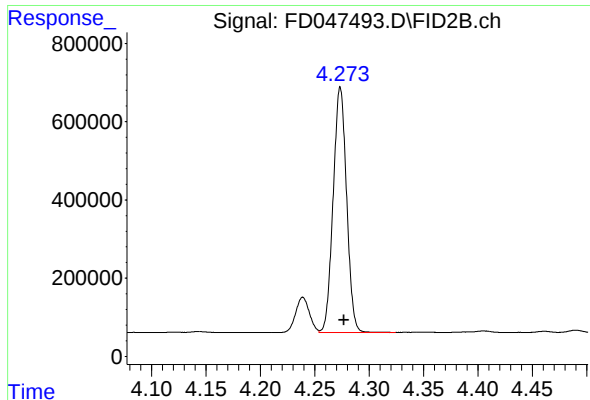
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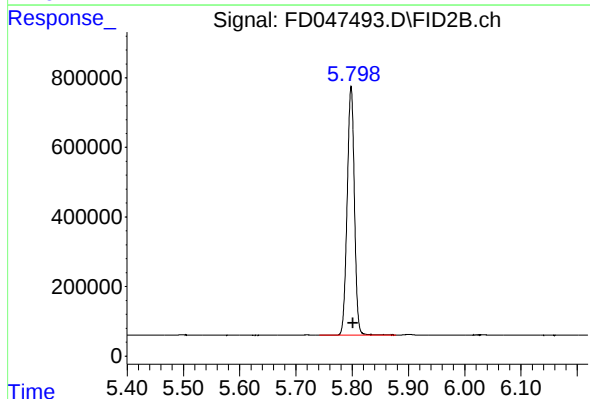




#1 1,2,3-Trimethylbenzene (C10.1)

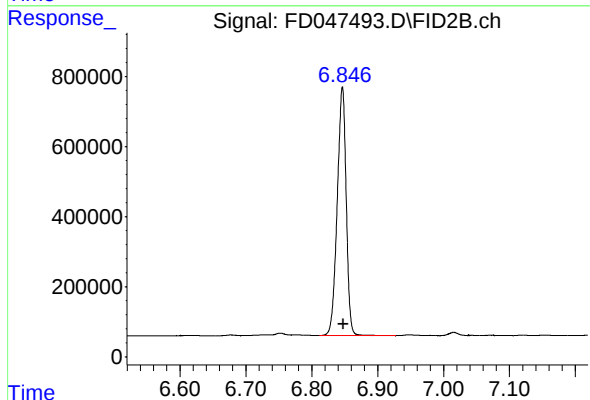
R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 5391694
Conc: 34.12 ug/ml

Instrument :
FID_D
ClientSampleId :



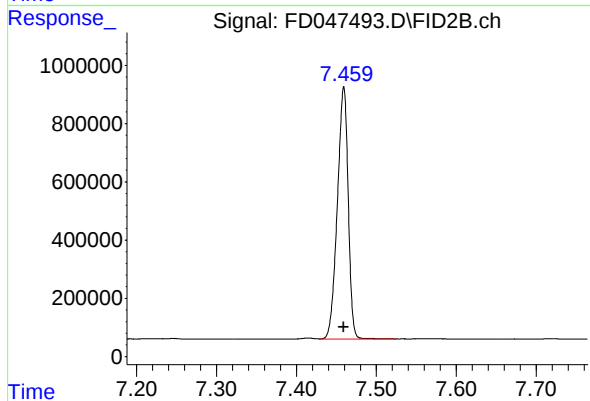
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 6389228
Conc: 39.04 ug/ml



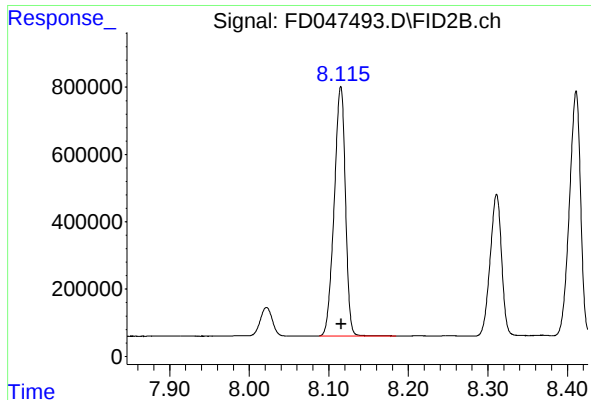
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 6738377
Conc: 40.97 ug/ml



#4 2-Bromonaphthalene (SURR)

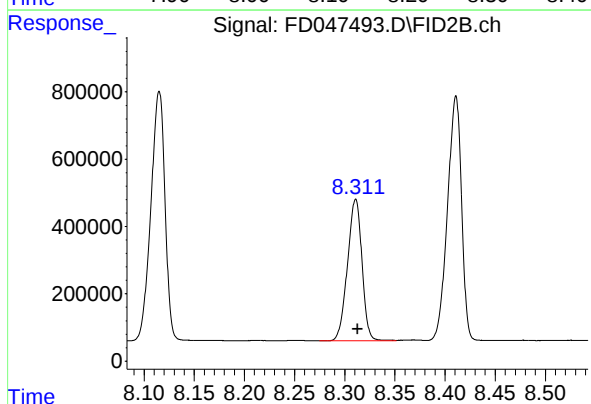
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 8192815
Conc: 54.80 ug/ml



#5 Acenaphthylene (C15.06)

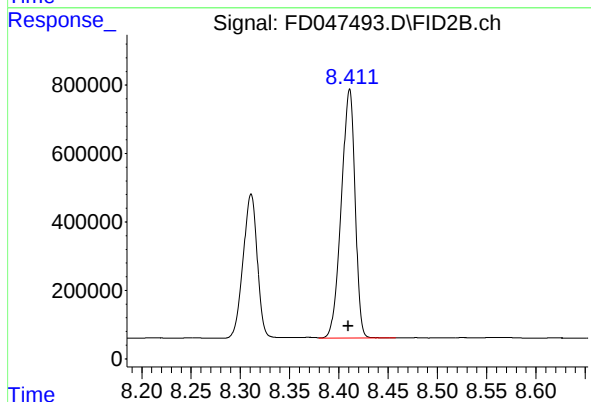
R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 7277624
Conc: 48.22 ug/ml

Instrument :
FID_D
ClientSampleId :



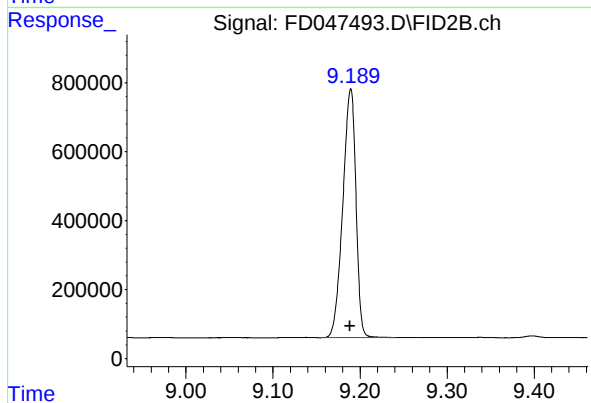
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.002 min
Response: 4226277
Conc: 43.25 ug/ml



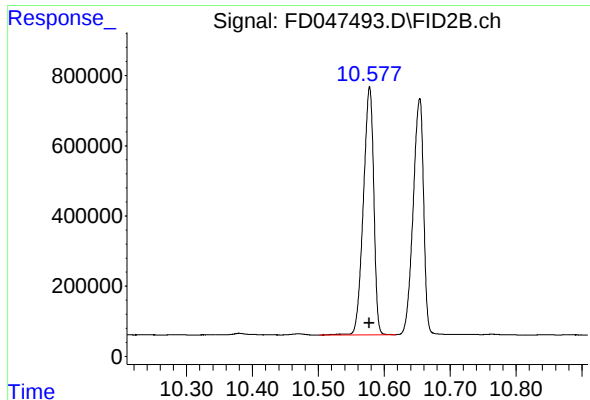
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 7088476
Conc: 44.26 ug/ml



#8 Flouorene (C16.55)

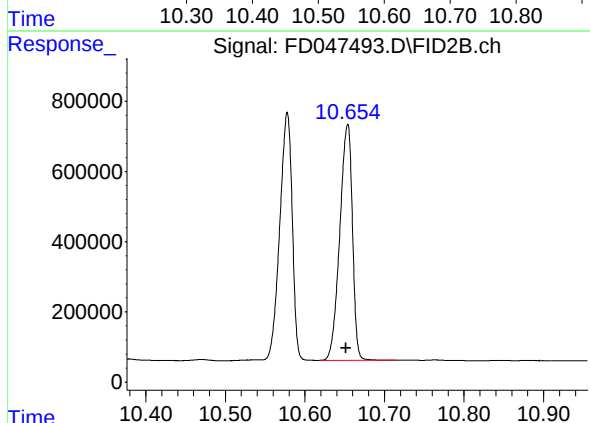
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 7565214
Conc: 48.90 ug/ml



#9 Phenanthrene (C19.36)

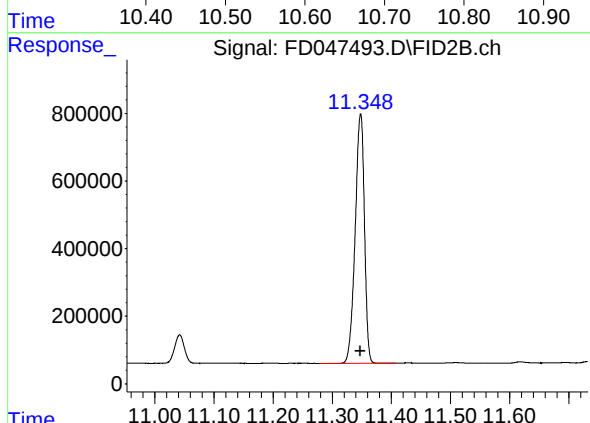
R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 7735745
Conc: 51.99 ug/ml

Instrument :
FID_D
ClientSampleId :



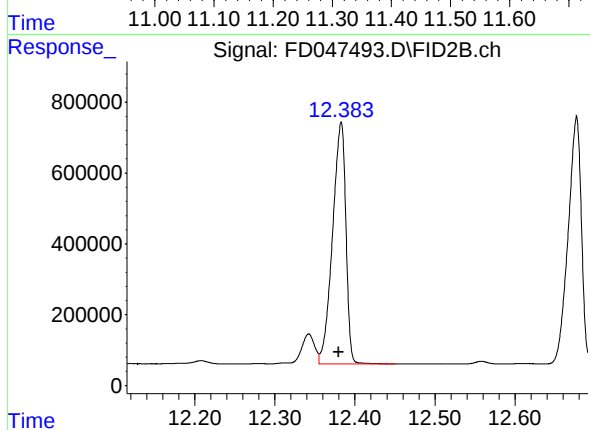
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.002 min
Response: 7422524
Conc: 54.57 ug/ml



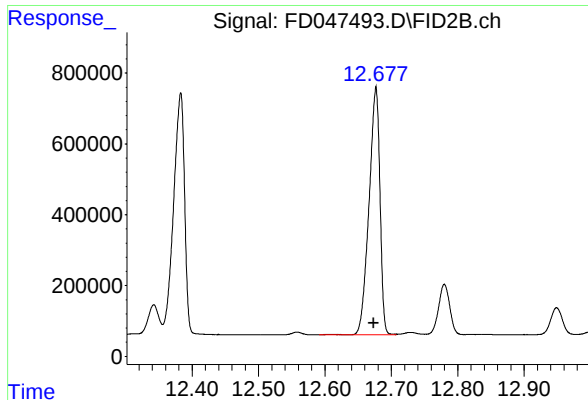
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 8032440
Conc: 46.86 ug/ml



#12 Fluoranthene (C21.85)

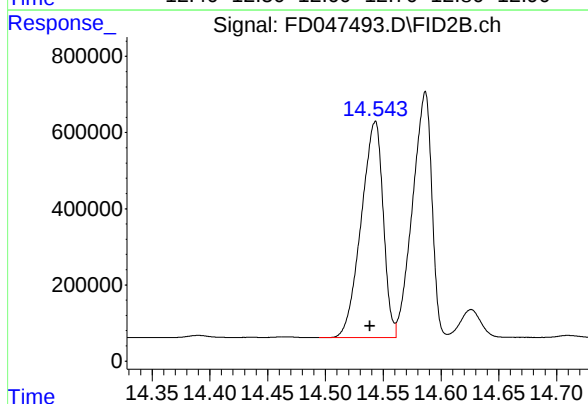
R.T.: 12.382 min
Delta R.T.: 0.002 min
Response: 7875816
Conc: 53.28 ug/ml



#13 Pyrene (C20.8)

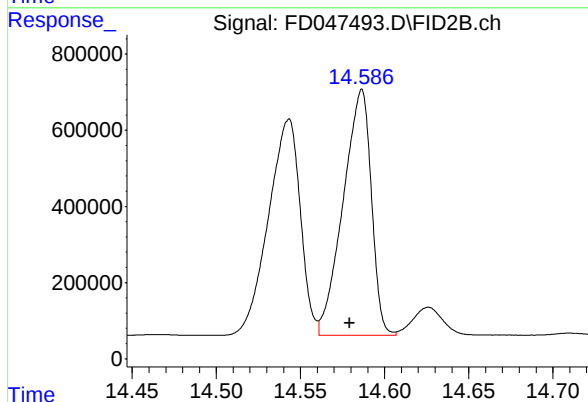
R.T.: 12.676 min
Delta R.T.: 0.003 min
Response: 7954181
Conc: 55.11 ug/ml

Instrument :
FID_D
ClientSampleId :



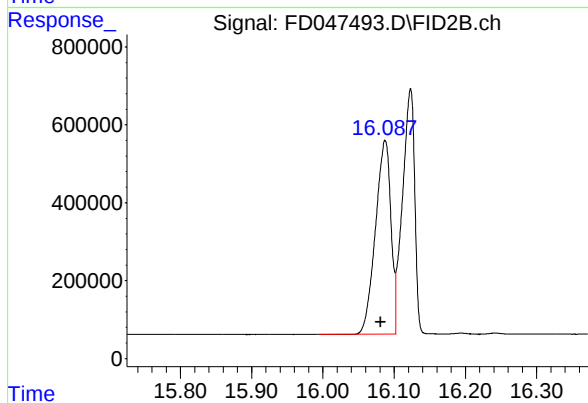
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.004 min
Response: 7509750
Conc: 57.10 ug/ml



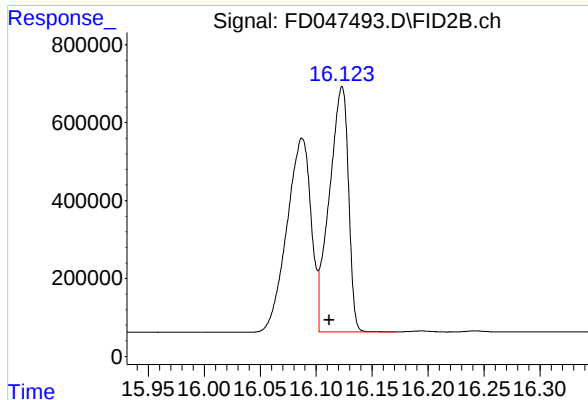
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.006 min
Response: 7510433
Conc: 53.26 ug/ml



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

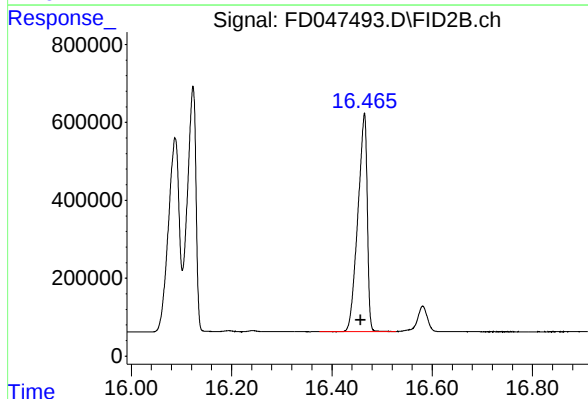
R.T.: 16.087 min
Delta R.T.: 0.006 min
Response: 7505643
Conc: 53.80 ug/ml



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

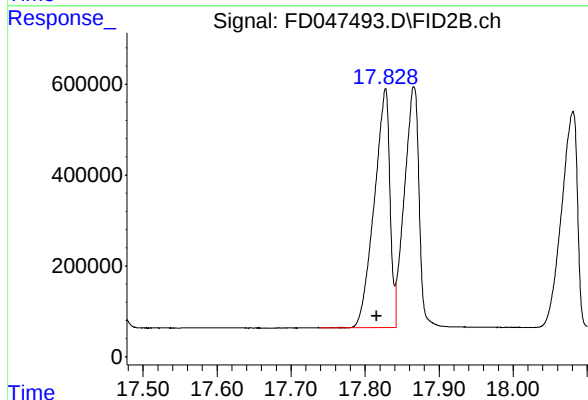
R.T.: 16.122 min
Delta R.T.: 0.011 min
Response: 7485799
Conc: 53.82 ug/ml

Instrument :
FID_D
ClientSampleId :



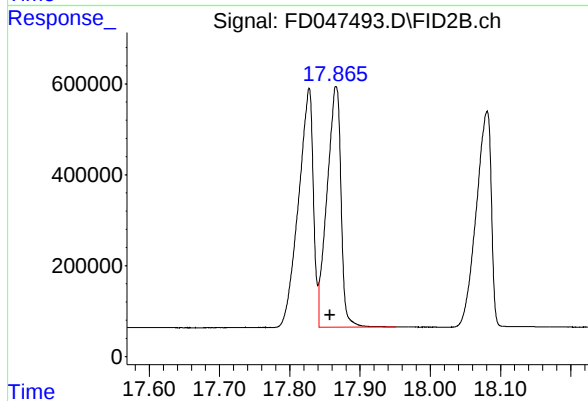
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.006 min
Response: 7274038
Conc: 52.98 ug/ml



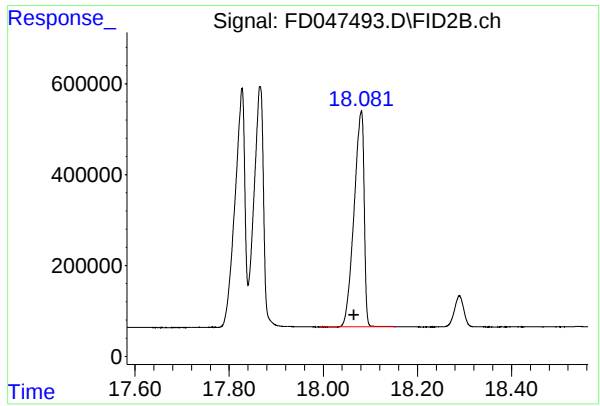
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.011 min
Response: 7734193
Conc: 57.34 ug/ml



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

R.T.: 17.865 min
Delta R.T.: 0.008 min
Response: 7304854
Conc: 54.35 ug/ml



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

R.T.: 18.080 min

Delta R.T.: 0.014 min

Response: 7065802

Conc: 50.91 ug/ml

Instrument :

FID_D

ClientSampleId :