

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048679.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 19:57
 Operator : YP/AJ
 Sample : P4718-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 01:08:18 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	9006133	59.337 ug/ml
Spiked Amount 50.000		Recovery =	118.67%
6) S 2-Fluorobiphenyl (SURR)	8.220	5315948	54.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.28%
11) S ortho-Terphenyl (SURR)	11.255	5919615	34.752 ug/ml
Spiked Amount 50.000		Recovery =	69.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.193	4852299	27.891 ug/ml
2) T Naphthalene (C11.7)	5.710	7452378	41.765 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	7223256	40.384 ug/ml
5) T Acenaphthylene (C15.06)	8.023	8313389	47.345 ug/ml
7) T Acenaphthene (C15.5)	8.319	8854960	49.926 ug/ml
8) T Fluorene (C16.55)	9.097	8796279	52.038 ug/ml
9) T Phenanthrene (C19.36)	10.485	8856092	53.574 ug/ml
10) T Anthracene (C19.43)	10.561	8830937	55.224 ug/ml
12) T Fluoranthene (C21.85)	12.290	9680787	58.822 ug/ml
13) T Pyrene (C20.8)	12.583	8808424	54.684 ug/ml
14) T Benzo[a]anthracene (C...	14.452	8291503	56.707 ug/ml
15) T Chrysene (C27.41)	14.495	8219557	49.969 ug/ml
16) T benzo[b]fluoranthene ...	16.001	8357062	54.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	8275011	55.055 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	8013954	53.250 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	8329641	63.839 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	8119436	49.894 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	8177839	53.418 ug/ml

(f)=RT Delta > 1/2 Window

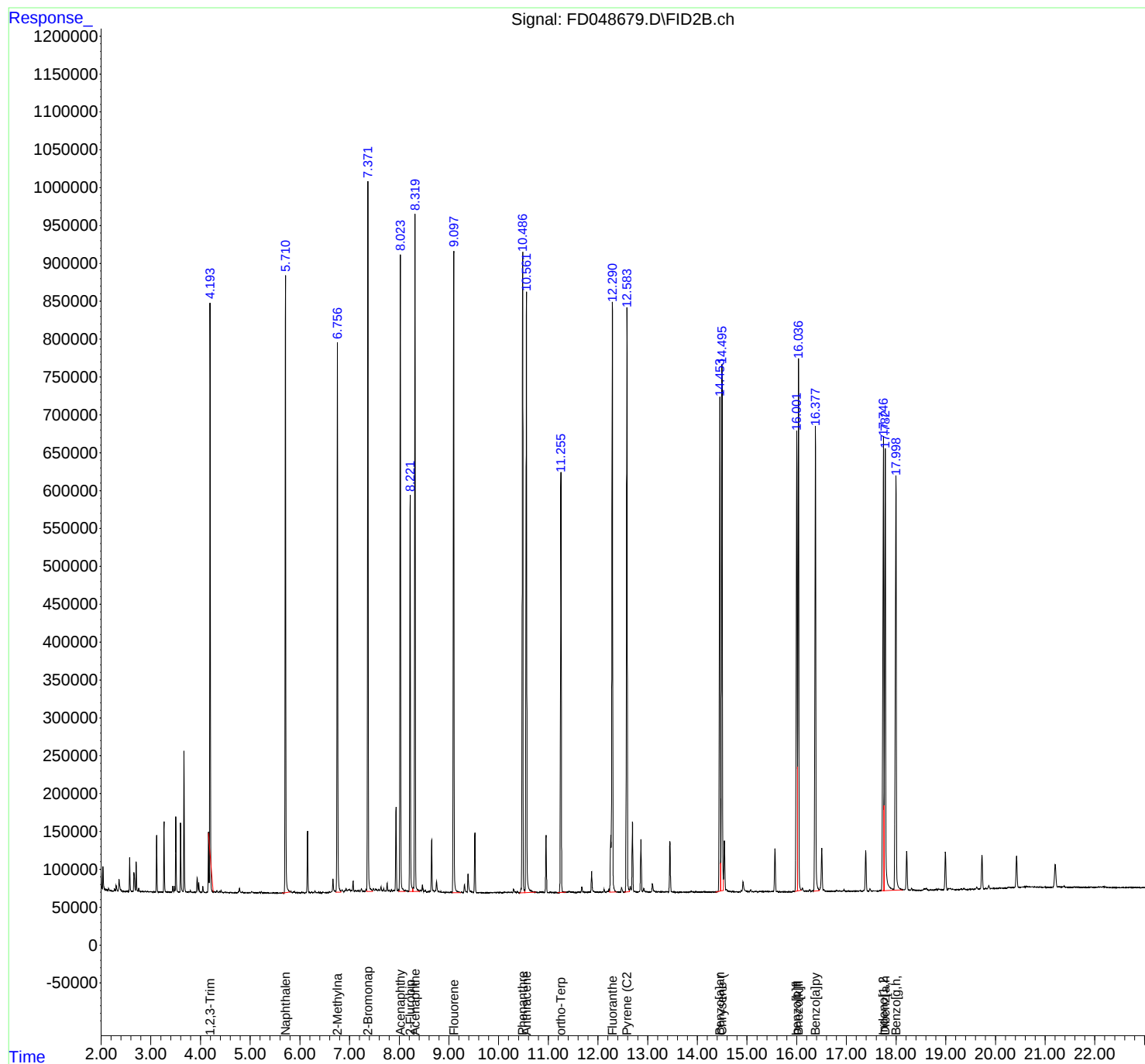
(m)=manual int.

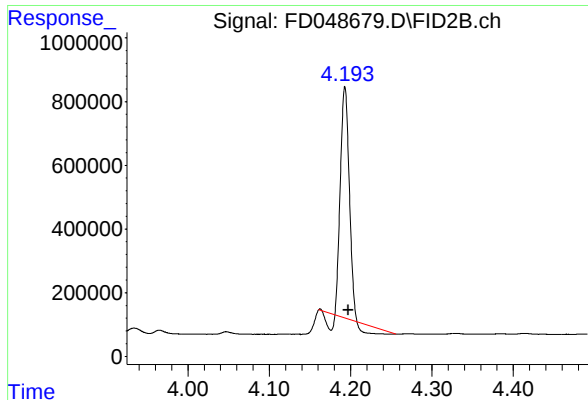
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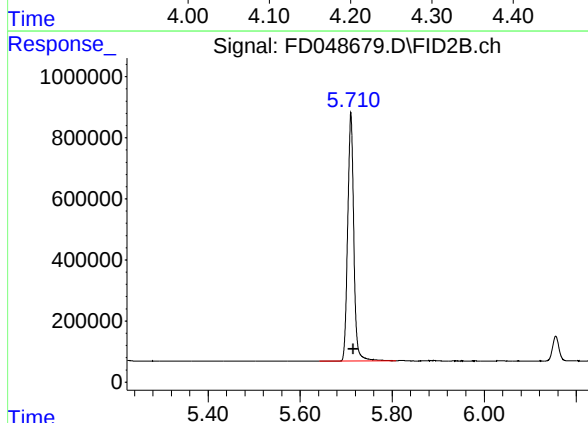




#1 1,2,3-Trimethylbenzene (C10.1)

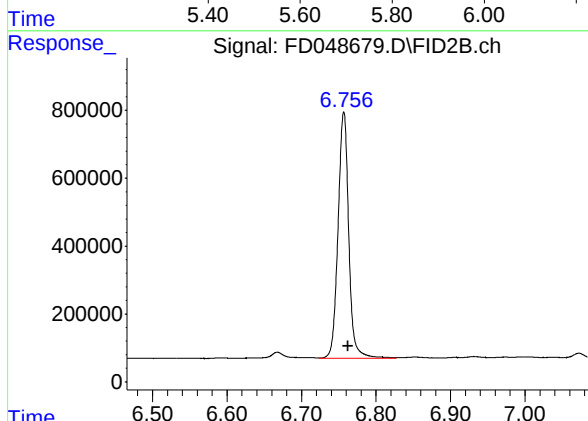
R.T.: 4.193 min
Delta R.T.: -0.004 min
Response: 4852299
Conc: 27.89 ug/ml

Instrument :
FID_D
ClientSampleId :



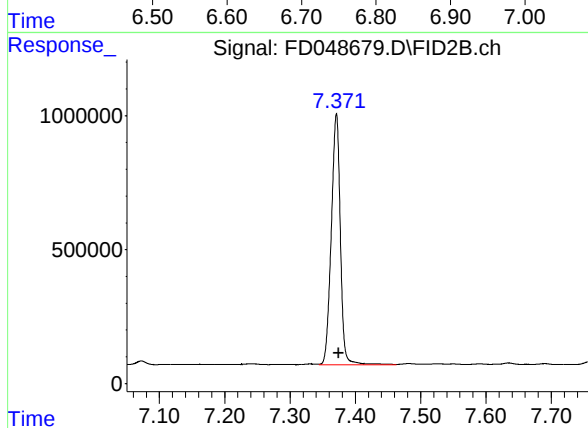
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 7452378
Conc: 41.77 ug/ml



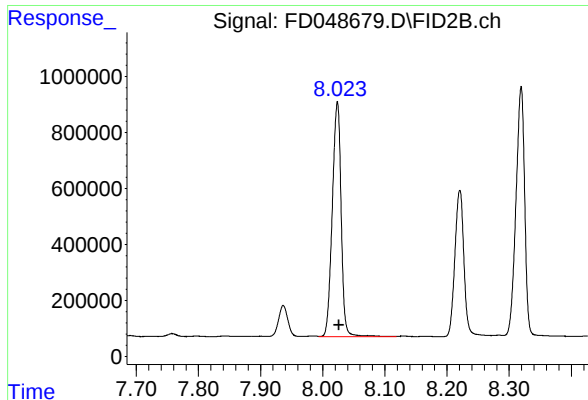
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 7223256
Conc: 40.38 ug/ml



#4 2-Bromonaphthalene (SURR)

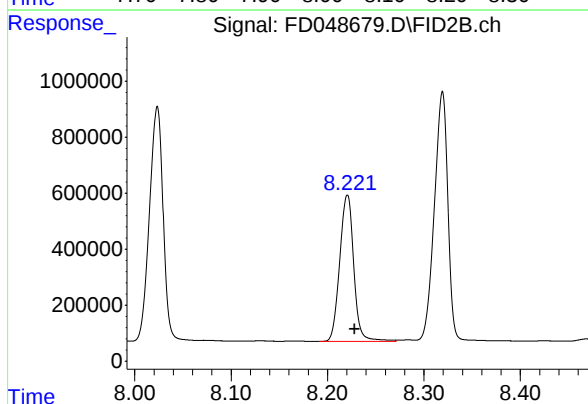
R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 9006133
Conc: 59.34 ug/ml



#5 Acenaphthylene (C15.06)

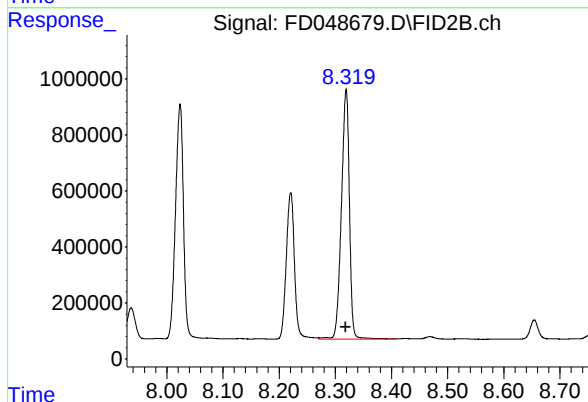
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 8313389
Conc: 47.35 ug/ml

Instrument :
FID_D
ClientSampleId :



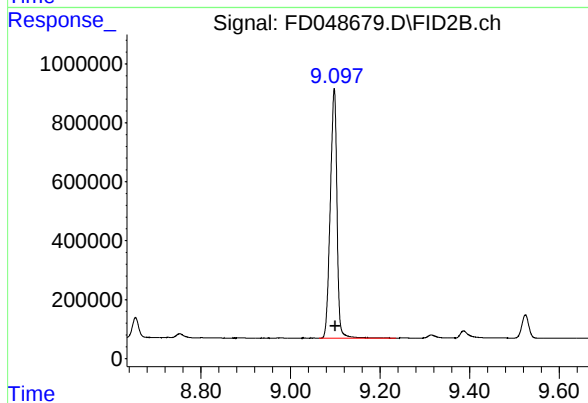
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 5315948
Conc: 54.14 ug/ml



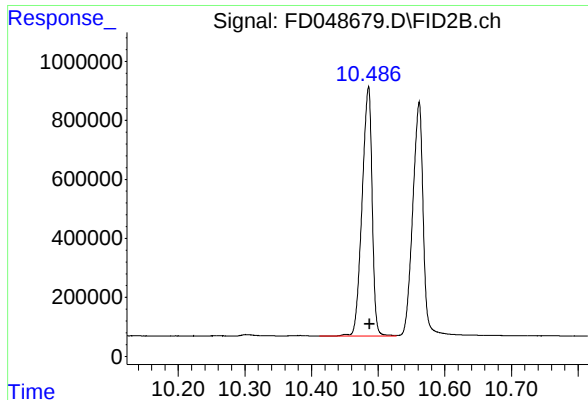
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 8854960
Conc: 49.93 ug/ml



#8 Flouorene (C16.55)

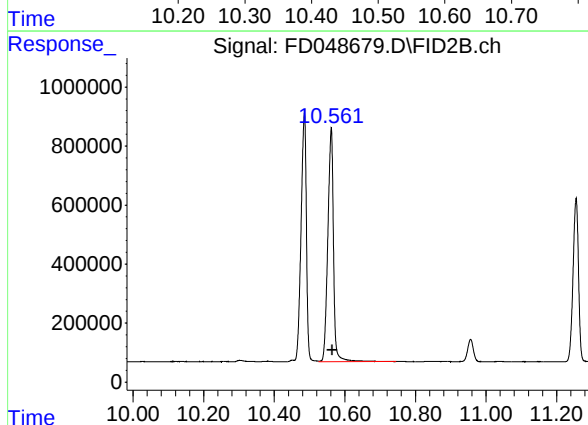
R.T.: 9.097 min
Delta R.T.: -0.003 min
Response: 8796279
Conc: 52.04 ug/ml



#9 Phenanthrene (C19.36)

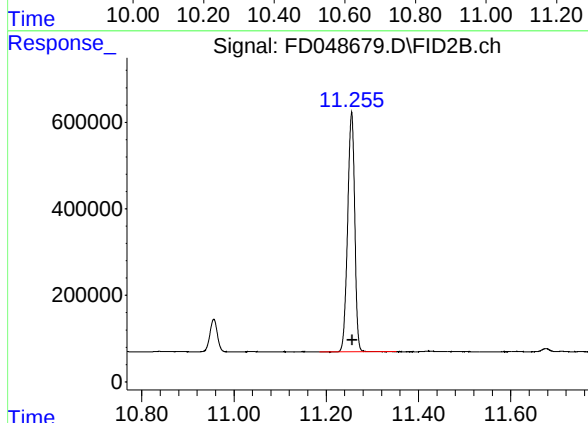
R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 8856092
Conc: 53.57 ug/ml

Instrument :
FID_D
ClientSampleId :



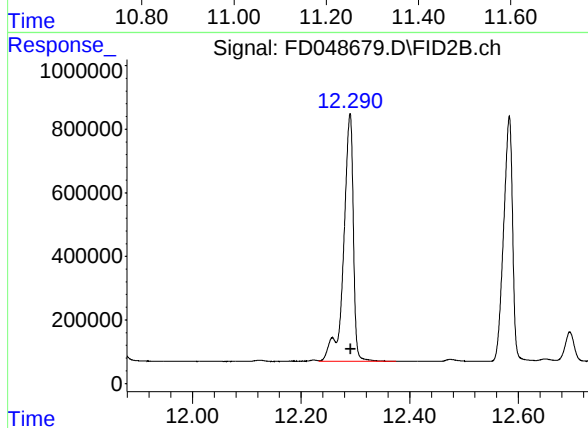
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.004 min
Response: 8830937
Conc: 55.22 ug/ml



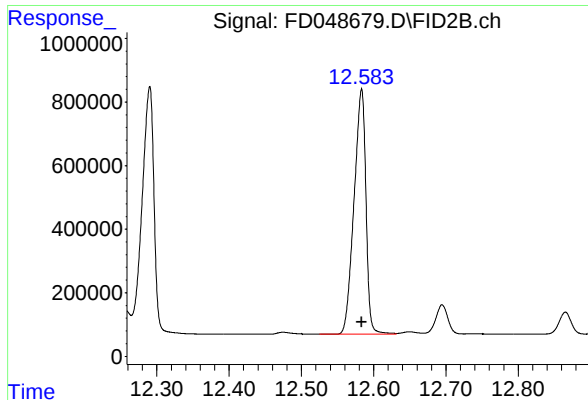
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 5919615
Conc: 34.75 ug/ml



#12 Fluoranthene (C21.85)

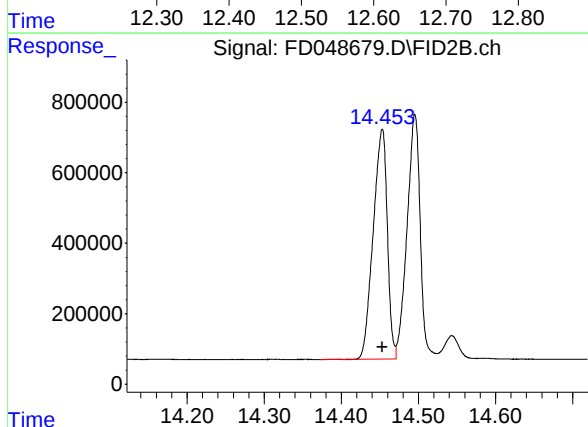
R.T.: 12.290 min
Delta R.T.: -0.002 min
Response: 9680787
Conc: 58.82 ug/ml



#13 Pyrene (C20.8)

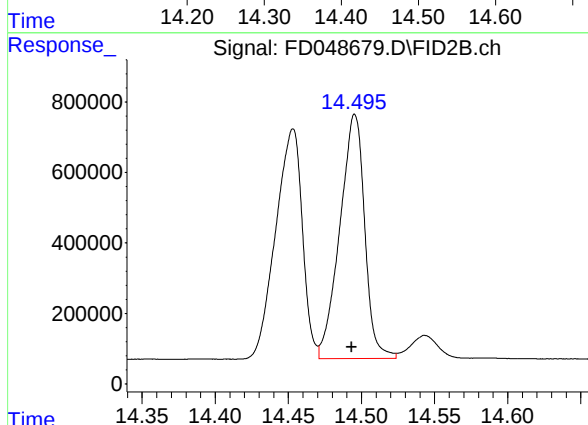
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 8808424
Conc: 54.68 ug/ml

Instrument :
FID_D
ClientSampleId :



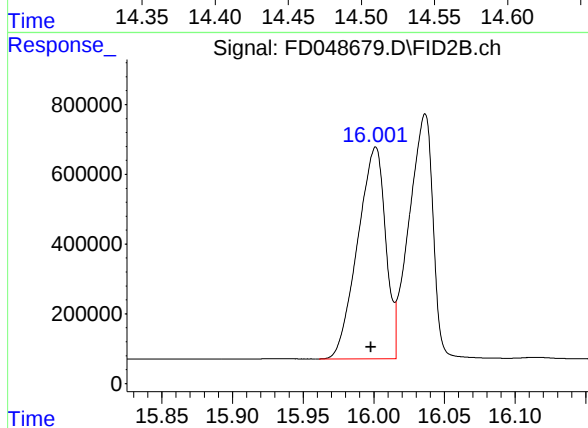
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: 0.000 min
Response: 8291503
Conc: 56.71 ug/ml



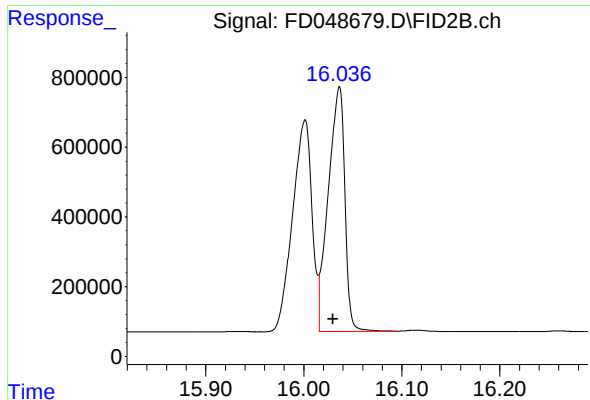
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.002 min
Response: 8219557
Conc: 49.97 ug/ml



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

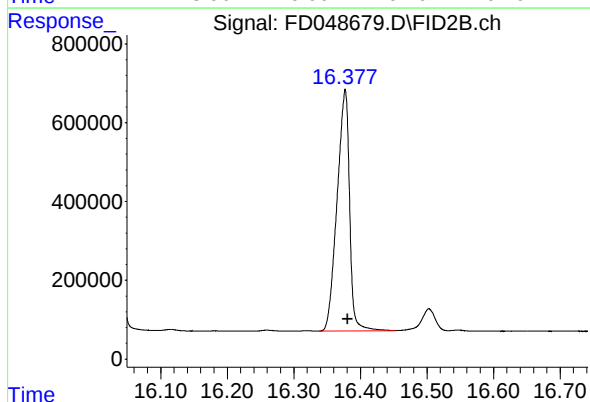
R.T.: 16.001 min
Delta R.T.: 0.003 min
Response: 8357062
Conc: 54.97 ug/ml



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

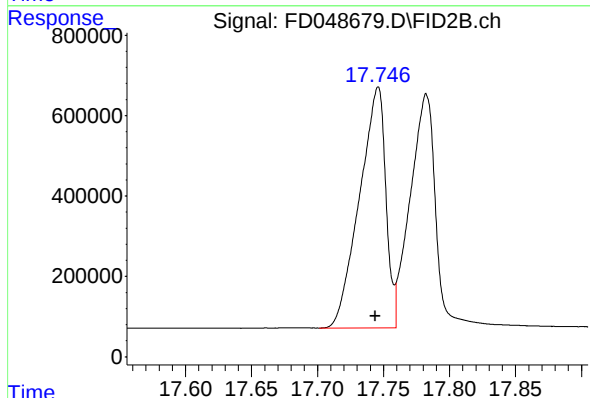
R.T.: 16.035 min
Delta R.T.: 0.006 min
Response: 8275011
Conc: 55.06 ug/ml

Instrument :
FID_D
ClientSampleId :



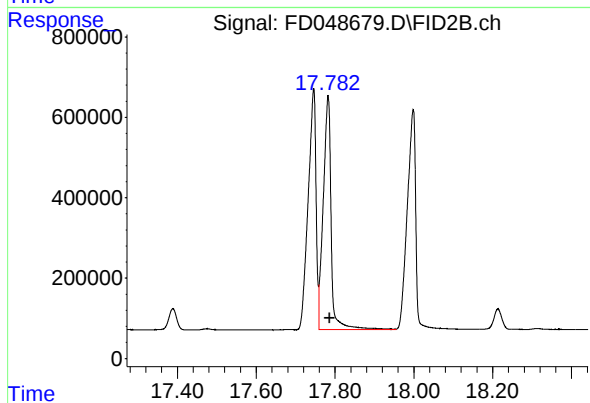
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.004 min
Response: 8013954
Conc: 53.25 ug/ml



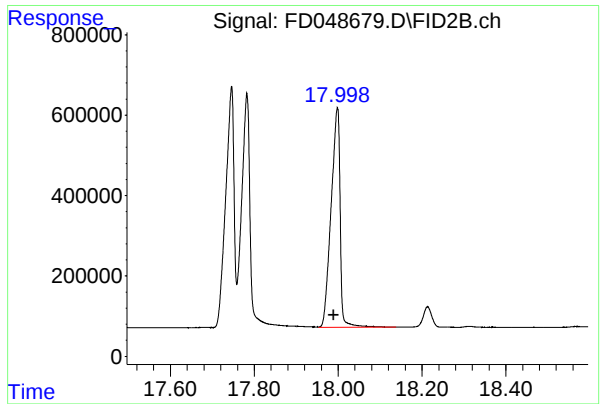
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.001 min
Response: 8329641
Conc: 63.84 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.005 min
Response: 8119436
Conc: 49.89 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.008 min
Response: 8177839
Conc: 53.42 ug/ml

Instrument :
FID_D
ClientSampleId :