

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111524AR\
 Data File : FD048741.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 12:45
 Operator : YP/AJ
 Sample : PB164996BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 09:49:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.367	8494993	48.251 ug/ml
Spiked Amount 50.000		Recovery =	96.50%
6) S 2-Fluorobiphenyl (SURR)	8.217	5076397	44.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.15%
11) S ortho-Terphenyl (SURR)	11.254	8545665	44.431 ug/ml
Spiked Amount 50.000		Recovery =	88.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	3566259	18.923 ug/ml
2) T Naphthalene (C11.7)	5.706	6611334	33.805 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	6617351	34.627 ug/ml
5) T Acenaphthylene (C15.06)	8.020	7962912	41.062 ug/ml
7) T Acenaphthene (C15.5)	8.315	8385744	43.597 ug/ml
8) T Flouorene (C16.55)	9.094	8616366	44.911 ug/ml
9) T Phenanthrene (C19.36)	10.482	8832911	48.188 ug/ml
10) T Anthracene (C19.43)	10.558	8969015	47.894 ug/ml
12) T Fluoranthene (C21.85)	12.288	10096402	55.135 ug/ml
13) T Pyrene (C20.8)	12.581	8872328	49.074 ug/ml
14) T Benzo[a]anthracene (C...	14.452	8553986	51.999 ug/ml
15) T Chrysene (C27.41)	14.495	8486471	48.490 ug/ml
16) T benzo[b]fluoranthene ...	16.000	8234792	52.411 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	8182975	50.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	7796126	52.289 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	7580647	61.367 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	7233858	46.130 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	7168191	50.237 ug/ml

(f)=RT Delta > 1/2 Window

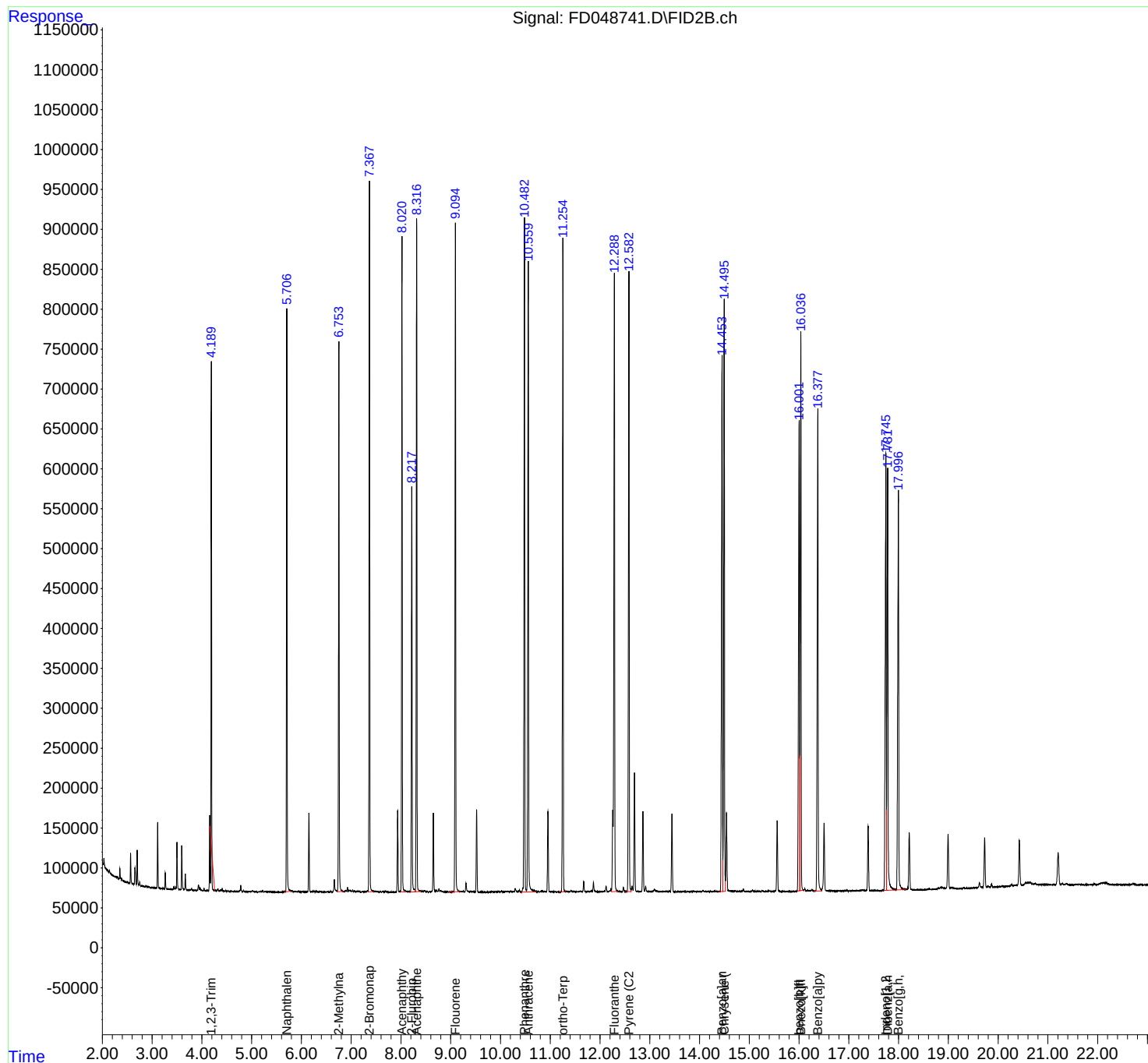
(m)=manual int.

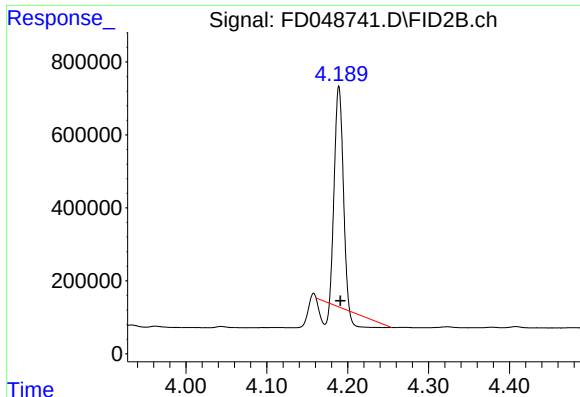
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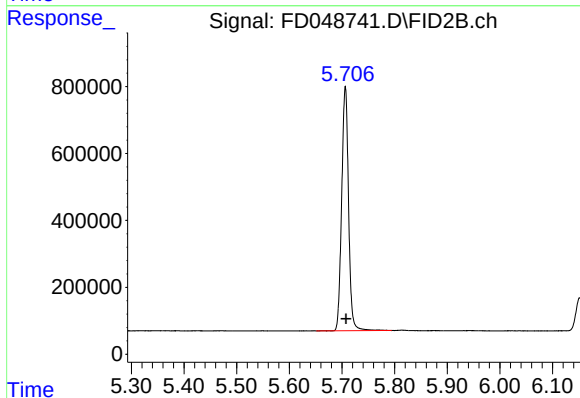




#1 1,2,3-Trimethylbenzene (C10.1)

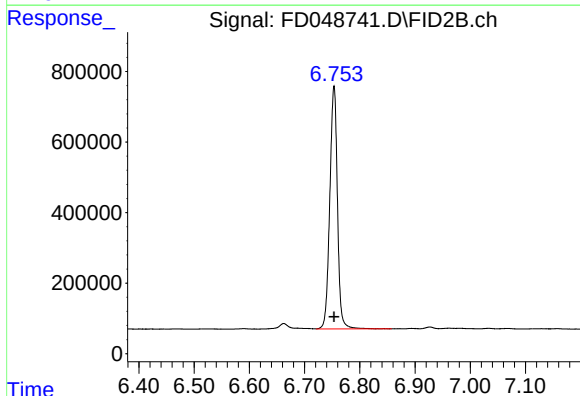
R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 3566259
Conc: 18.92 ug/ml

Instrument :
FID_D
ClientSampleId :



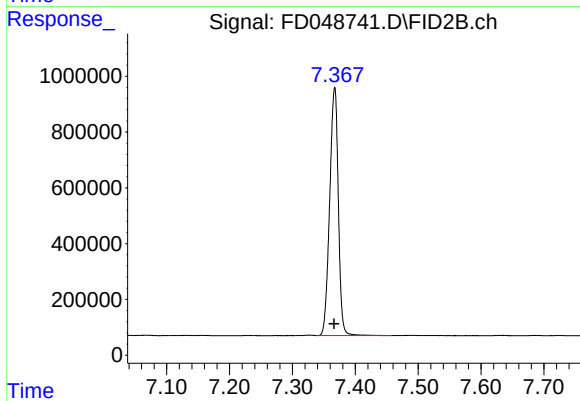
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.001 min
Response: 6611334
Conc: 33.80 ug/ml



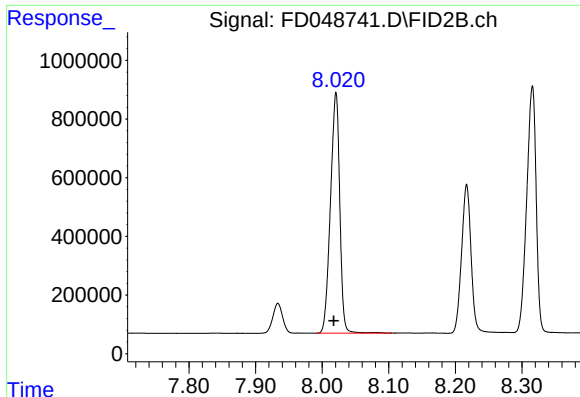
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 6617351
Conc: 34.63 ug/ml



#4 2-Bromonaphthalene (SURR)

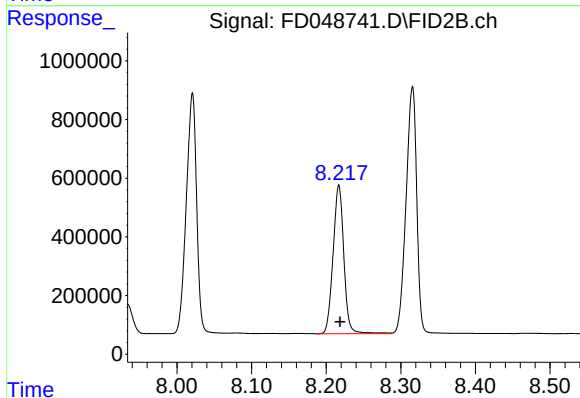
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 8494993
Conc: 48.25 ug/ml



#5 Acenaphthylene (C15.06)

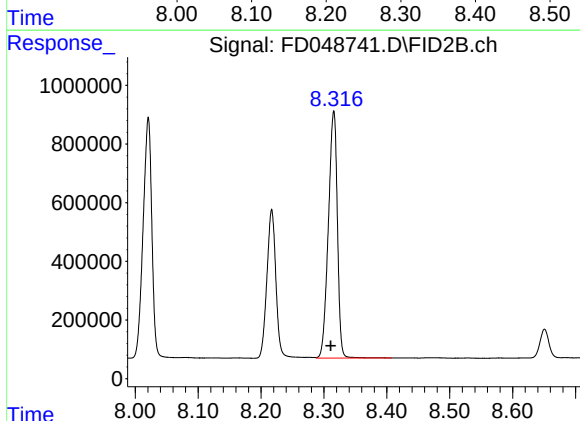
R.T.: 8.020 min
Delta R.T.: 0.003 min
Response: 7962912
Conc: 41.06 ug/ml

Instrument :
FID_D
ClientSampleId :



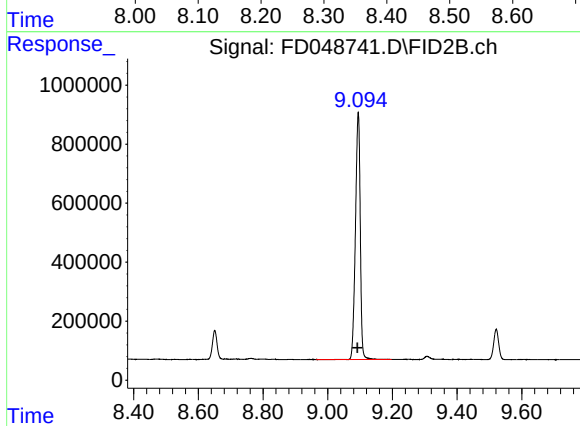
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.001 min
Response: 5076397
Conc: 44.08 ug/ml



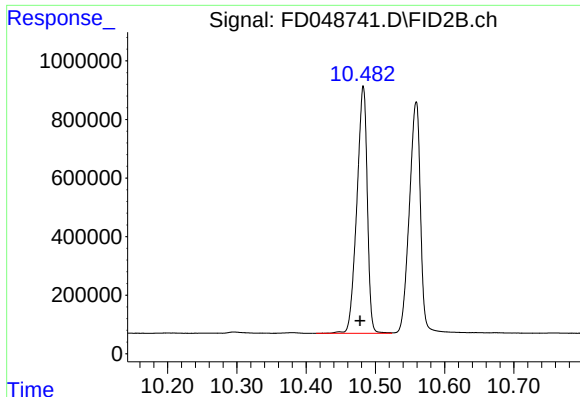
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: 0.004 min
Response: 8385744
Conc: 43.60 ug/ml



#8 Fluorene (C16.55)

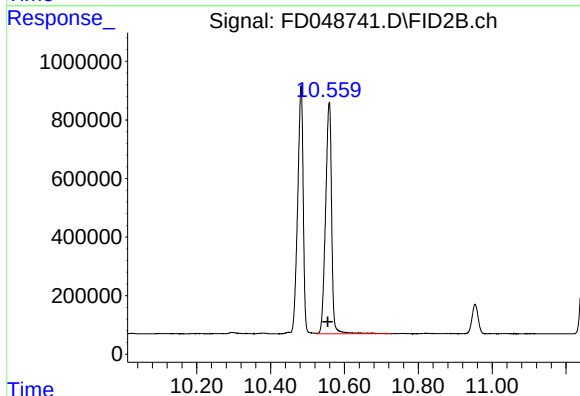
R.T.: 9.094 min
Delta R.T.: 0.003 min
Response: 8616366
Conc: 44.91 ug/ml



#9 Phenanthrene (C19.36)

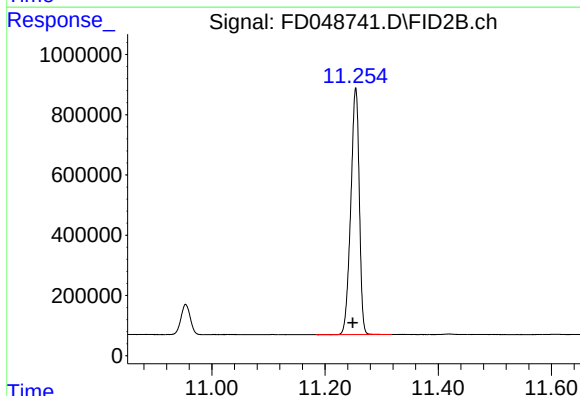
R.T.: 10.482 min
Delta R.T.: 0.004 min
Response: 8832911
Conc: 48.19 ug/ml

Instrument :
FID_D
ClientSampleId :



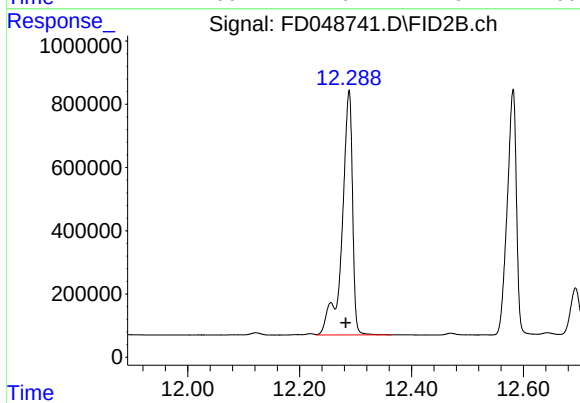
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: 0.004 min
Response: 8969015
Conc: 47.89 ug/ml



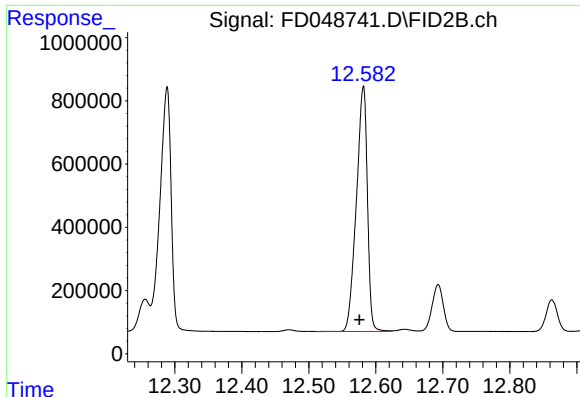
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: 0.005 min
Response: 8545665
Conc: 44.43 ug/ml



#12 Fluoranthene (C21.85)

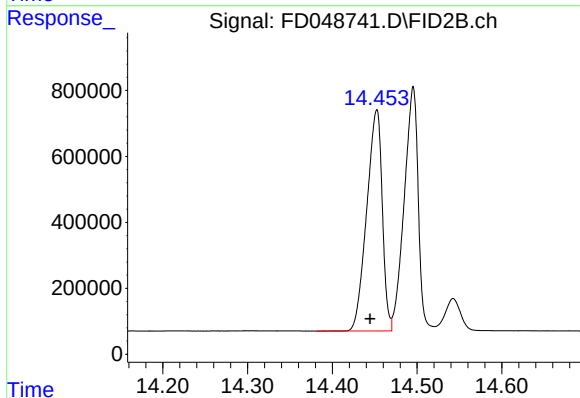
R.T.: 12.288 min
Delta R.T.: 0.005 min
Response: 10096402
Conc: 55.13 ug/ml



#13 Pyrene (C20.8)

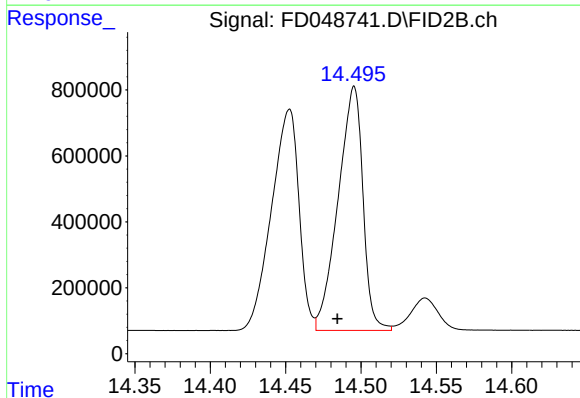
R.T.: 12.581 min
Delta R.T.: 0.006 min
Response: 8872328
Conc: 49.07 ug/ml

Instrument :
FID_D
ClientSampleId :



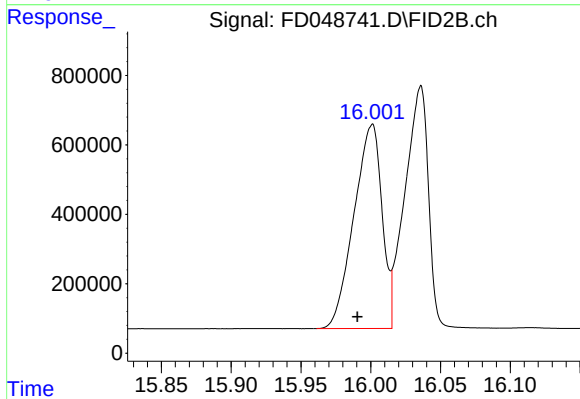
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: 0.007 min
Response: 8553986
Conc: 52.00 ug/ml



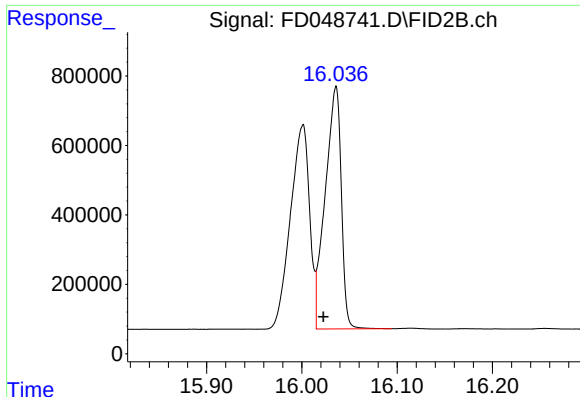
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.010 min
Response: 8486471
Conc: 48.49 ug/ml



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

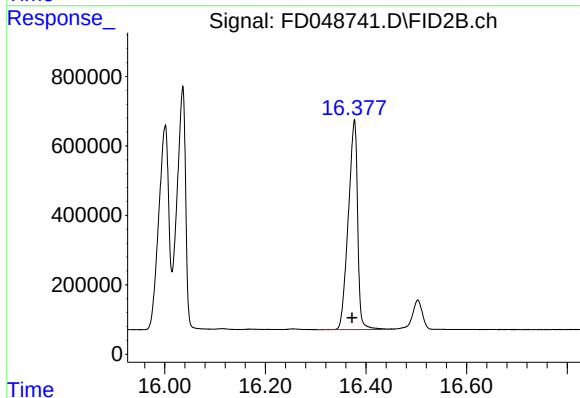
R.T.: 16.000 min
Delta R.T.: 0.010 min
Response: 8234792
Conc: 52.41 ug/ml



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

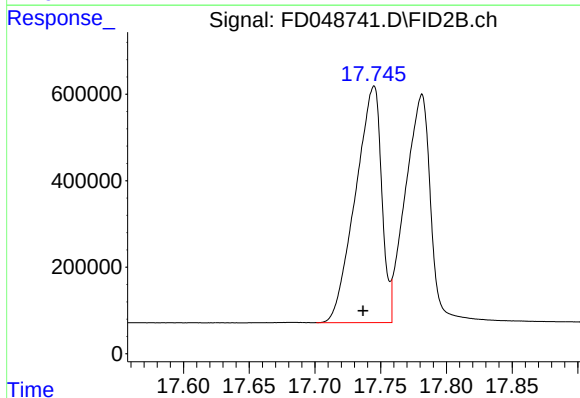
R.T.: 16.035 min
Delta R.T.: 0.012 min
Response: 8182975
Conc: 50.14 ug/ml

Instrument :
FID_D
ClientSampleId :



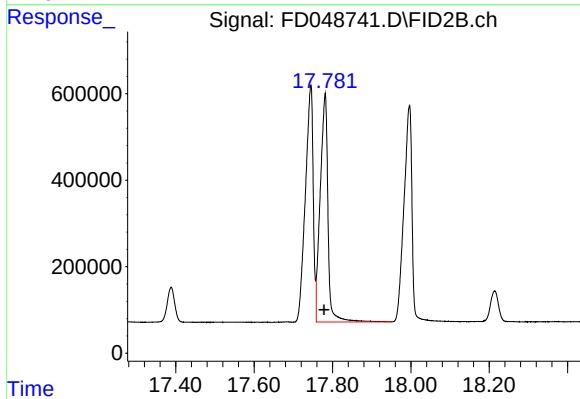
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.004 min
Response: 7796126
Conc: 52.29 ug/ml



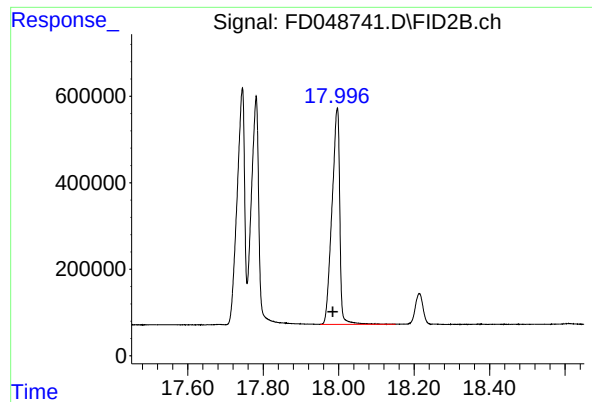
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.007 min
Response: 7580647
Conc: 61.37 ug/ml



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

R.T.: 17.780 min
Delta R.T.: 0.002 min
Response: 7233858
Conc: 46.13 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.011 min
Response: 7168191
Conc: 50.24 ug/ml

Instrument :

FID_D

ClientSampleId :