

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045219.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2023 04:53
 Operator : YP/AJ
 Sample : 01701-02MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 05:56:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.554	6330882	46.651 ug/ml
Spiked Amount 50.000		Recovery =	93.30%
6) S 2-Fluorobiphenyl (SURR)	8.410	4144819	46.293 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.59%
11) S ortho-Terphenyl (SURR)	11.449	4781082	28.723 ug/ml
Spiked Amount 50.000		Recovery =	57.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	4550007	30.043 ug/ml
2) T Naphthalene (C11.7)	5.892	5103302	32.304 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	5026701	31.631 ug/ml
5) T Acenaphthylene (C15.06)	8.214	5320366	37.104 ug/ml
7) T Acenaphthene (C15.5)	8.509	5372310	35.444 ug/ml
8) T Fluorene (C16.55)	9.288	5525781	37.532 ug/ml
9) T Phenanthrene (C19.36)	10.679	5639540	39.499 ug/ml
10) T Anthracene (C19.43)	10.754	5543956	39.563 ug/ml
12) T Fluoranthene (C21.85)	12.485	5633173	40.326 ug/ml
13) T Pyrene (C20.8)	12.780	5552268	40.772 ug/ml
14) T Benzo[a]anthracene (C...	14.645	5137528	40.303 ug/ml
15) T Chrysene (C27.41)	14.689	5082502	38.998 ug/ml
16) T benzo[b]fluoranthene ...	16.189	5161584	40.037 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	4861097	38.509 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	4579133	36.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	4980181	41.630 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	4701918	38.981 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	4901898	39.397 ug/ml

(f)=RT Delta > 1/2 Window

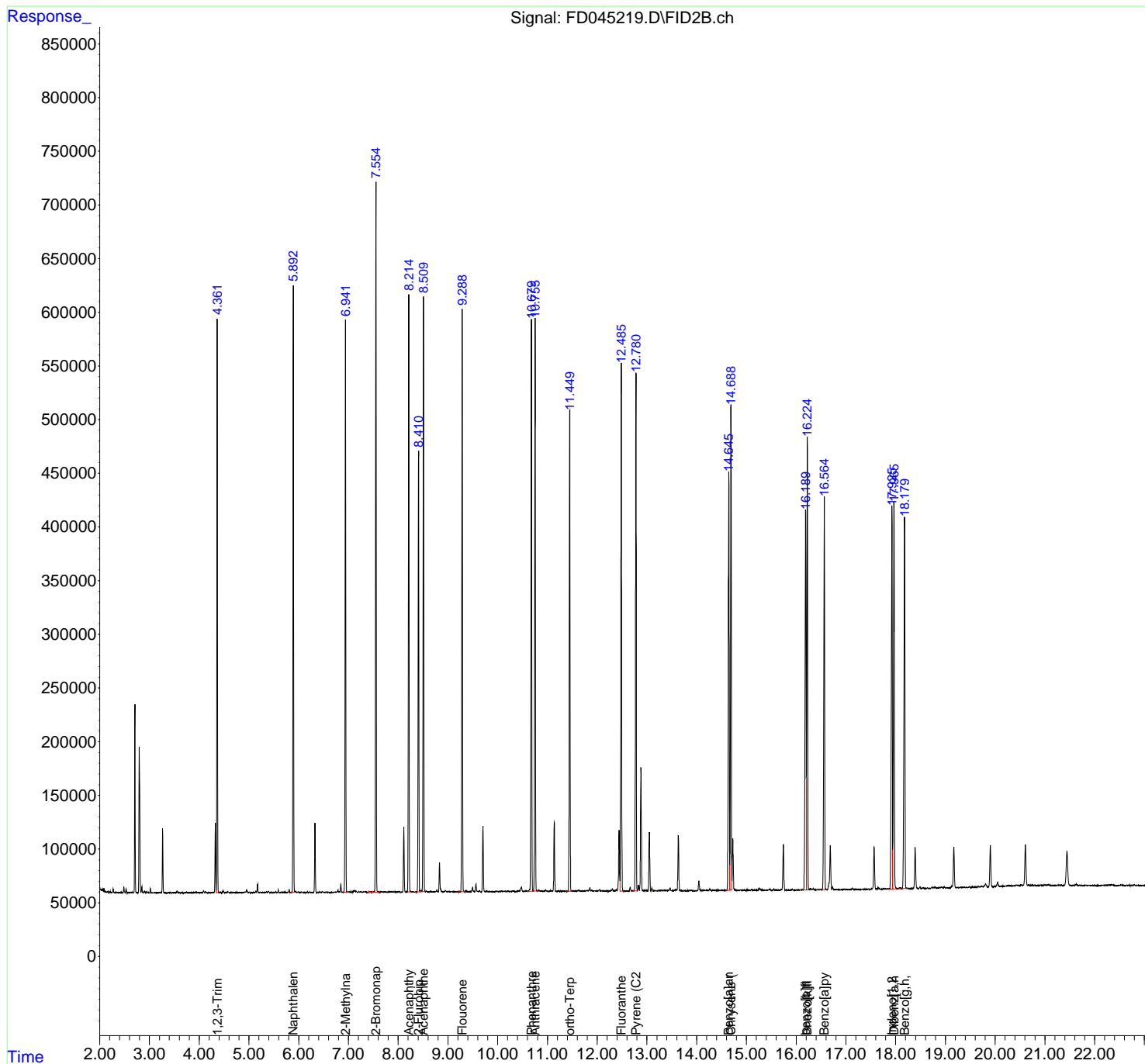
(m)=manual int.

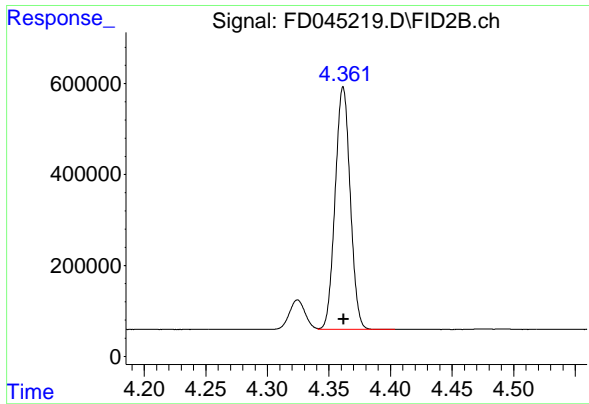
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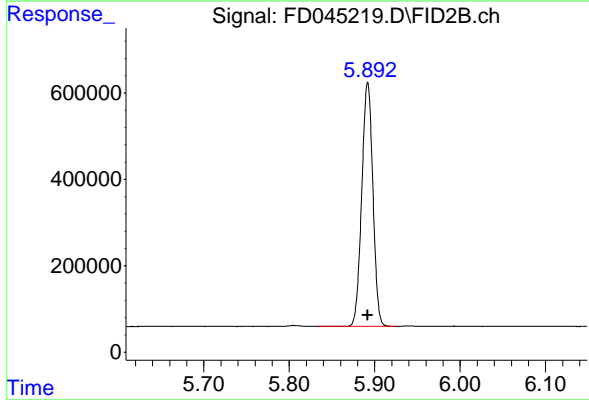




#1 1,2,3-Trimethylbenzene (C10.1)

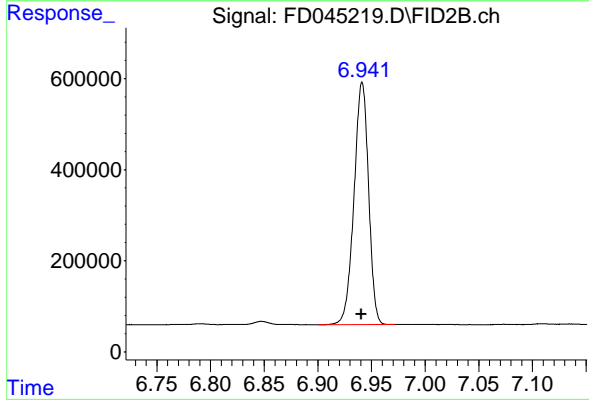
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 4550007
Conc: 30.04 ug/ml

Instrument :
FID_D
ClientSampleId :



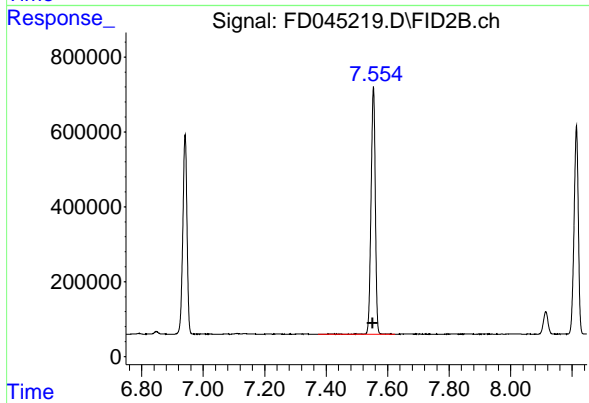
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 5103302
Conc: 32.30 ug/ml



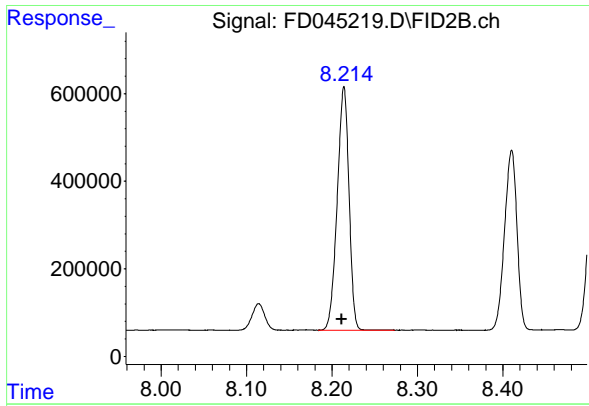
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 5026701
Conc: 31.63 ug/ml



#4 2-Bromonaphthalene (SURR)

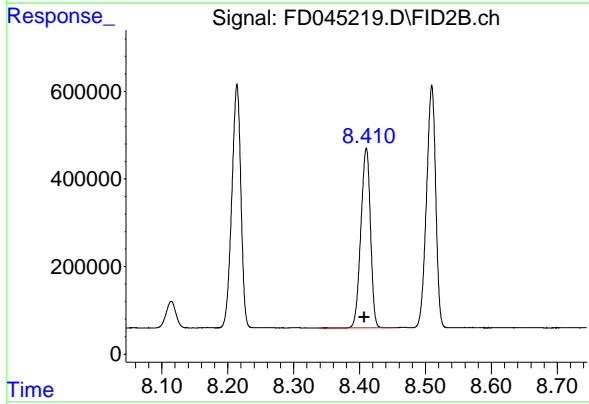
R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 6330882
Conc: 46.65 ug/ml



#5 Acenaphthylene (C15.06)

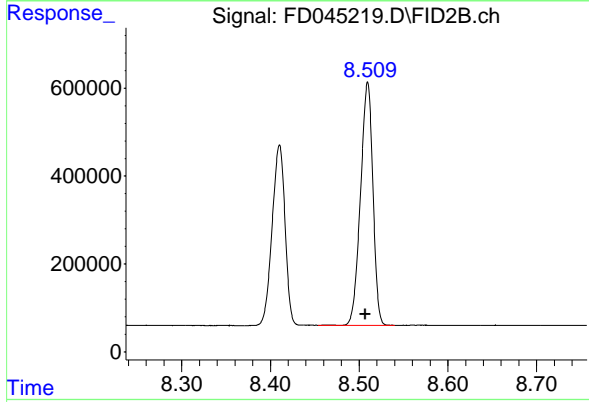
R.T.: 8.214 min
Delta R.T.: 0.002 min
Response: 5320366
Conc: 37.10 ug/ml

Instrument :
FID_D
ClientSampleId :



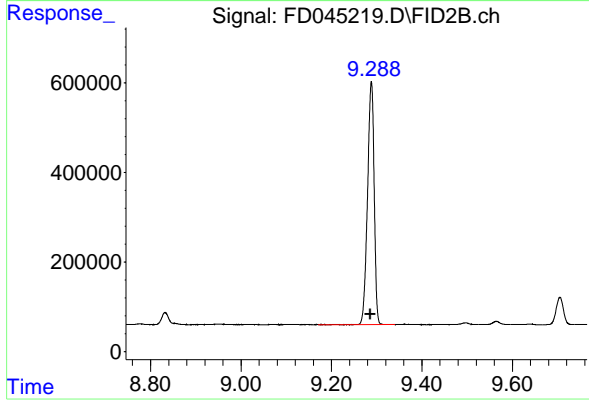
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 4144819
Conc: 46.29 ug/ml



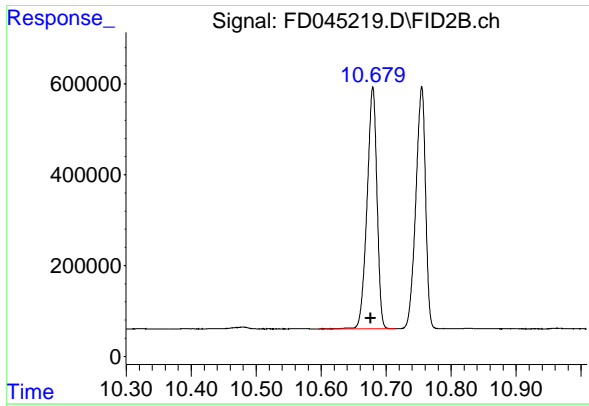
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.002 min
Response: 5372310
Conc: 35.44 ug/ml



#8 Fluorene (C16.55)

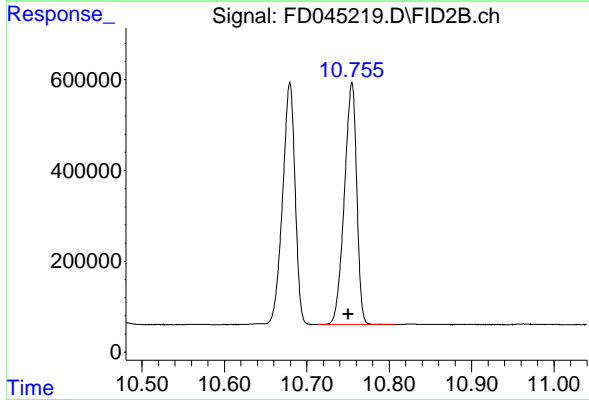
R.T.: 9.288 min
Delta R.T.: 0.003 min
Response: 5525781
Conc: 37.53 ug/ml



#9 Phenanthrene (C19.36)

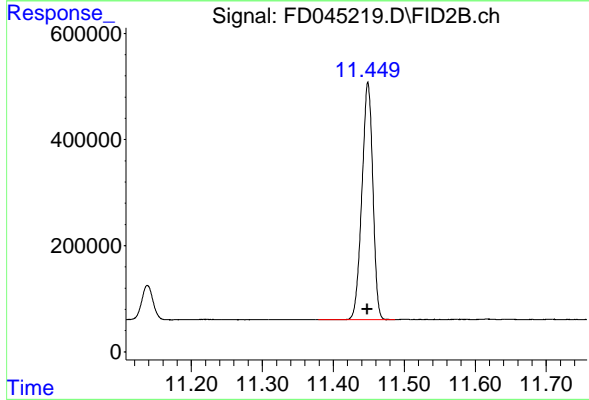
R.T.: 10.679 min
Delta R.T.: 0.003 min
Response: 5639540
Conc: 39.50 ug/ml

Instrument :
FID_D
ClientSampleId :



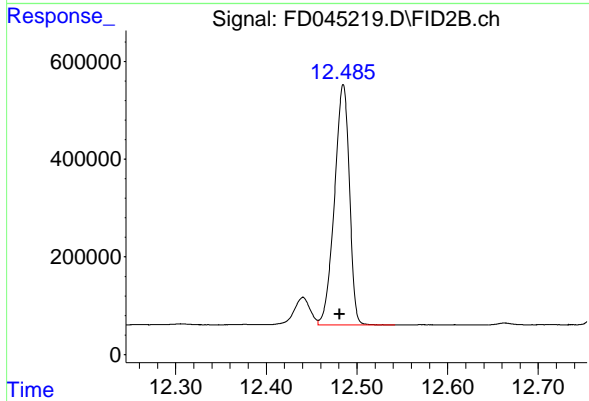
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: 0.004 min
Response: 5543956
Conc: 39.56 ug/ml



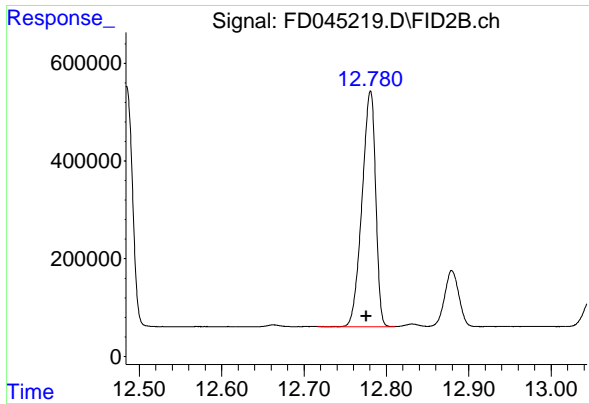
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.000 min
Response: 4781082
Conc: 28.72 ug/ml



#12 Fluoranthene (C21.85)

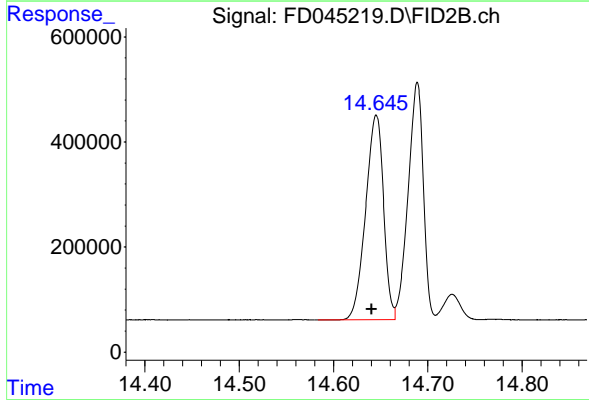
R.T.: 12.485 min
Delta R.T.: 0.004 min
Response: 5633173
Conc: 40.33 ug/ml



#13 Pyrene (C20.8)

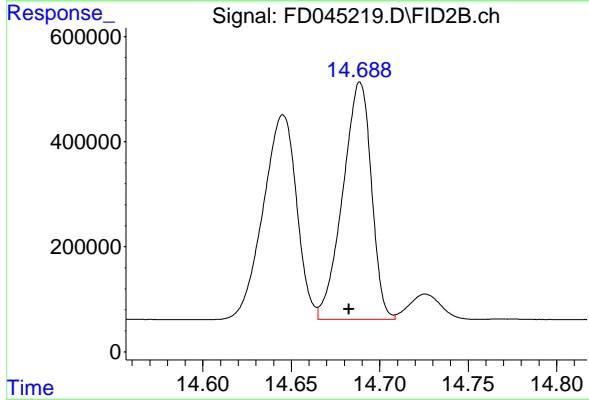
R.T.: 12.780 min
 Delta R.T.: 0.005 min
 Response: 5552268
 Conc: 40.77 ug/ml

Instrument :
 FID_D
 ClientSampleId :



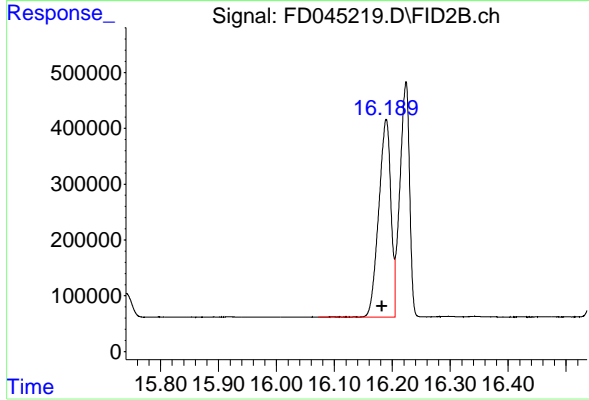
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
 Delta R.T.: 0.005 min
 Response: 5137528
 Conc: 40.30 ug/ml



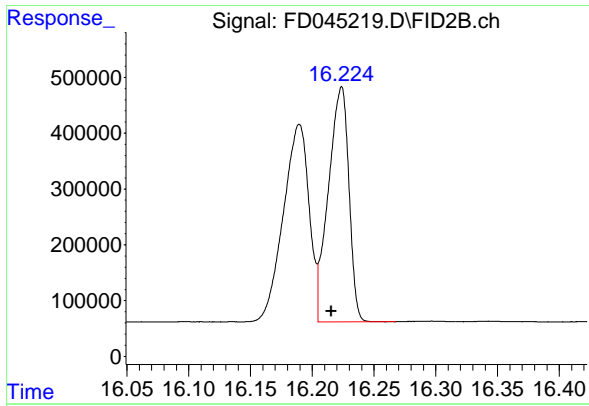
#15 Chrysene (C27.41)

R.T.: 14.689 min
 Delta R.T.: 0.006 min
 Response: 5082502
 Conc: 39.00 ug/ml



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

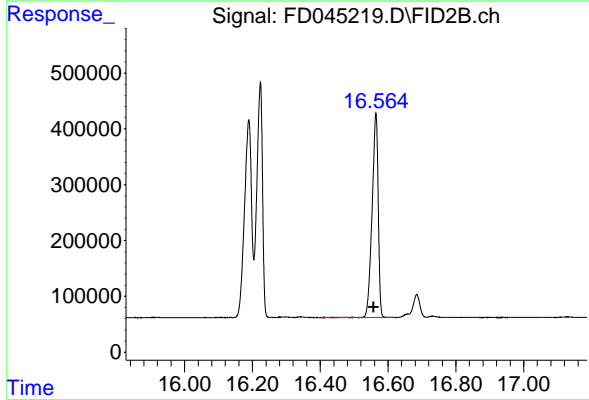
R.T.: 16.189 min
 Delta R.T.: 0.007 min
 Response: 5161584
 Conc: 40.04 ug/ml



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

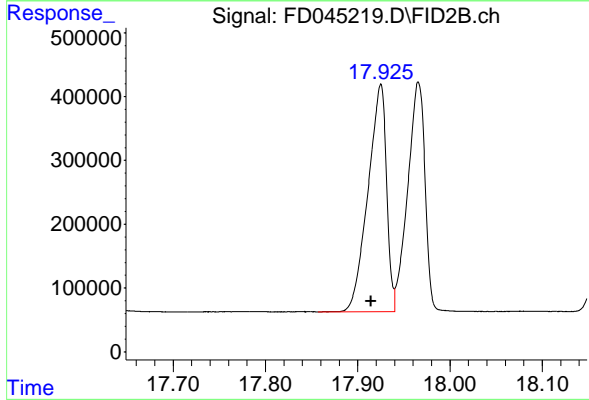
R.T.: 16.223 min
 Delta R.T.: 0.008 min
 Response: 4861097
 Conc: 38.51 ug/ml

Instrument :
 FID_D
 ClientSampleId :



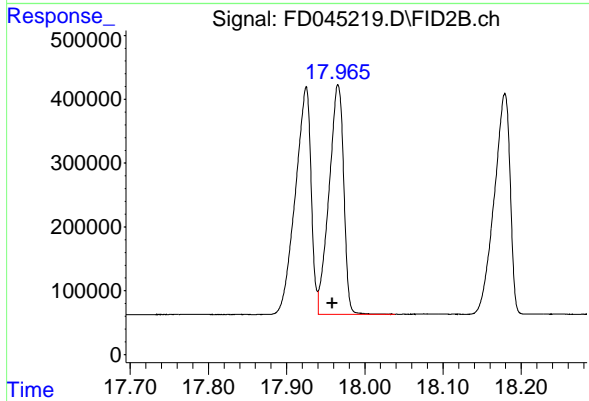
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
 Delta R.T.: 0.006 min
 Response: 4579133
 Conc: 36.38 ug/ml



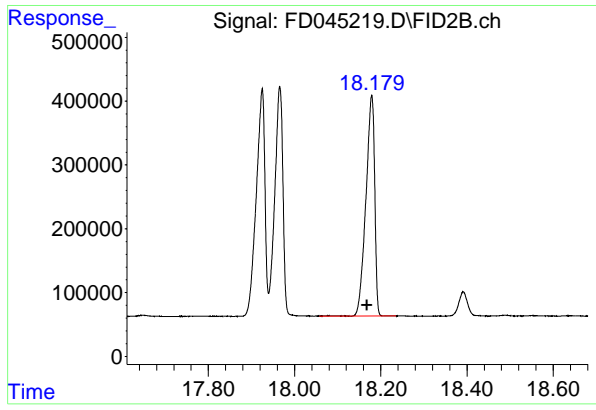
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
 Delta R.T.: 0.010 min
 Response: 4980181
 Conc: 41.63 ug/ml



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

R.T.: 17.966 min
 Delta R.T.: 0.007 min
 Response: 4701918
 Conc: 38.98 ug/ml



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

R.T.: 18.179 min
Delta R.T.: 0.010 min
Response: 4901898
Conc: 39.40 ug/ml

Instrument :

FID_D

ClientSampleId :