

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045535.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 13:53
 Operator : YP/AJ
 Sample : PB152466BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:16:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.547	5810128	40.187 ug/ml
Spiked Amount 50.000		Recovery =	80.37%
6) S 2-Fluorobiphenyl (SURR)	8.402	2563368	27.489 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.98%
11) S ortho-Terphenyl (SURR)	11.444	6934609	38.748 ug/ml
Spiked Amount 50.000		Recovery =	77.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3968647	23.686 ug/ml
2) T Naphthalene (C11.7)	5.885	4980628	29.102 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	5343319	31.583 ug/ml
5) T Acenaphthylene (C15.06)	8.208	6526492	43.142 ug/ml
7) T Acenaphthene (C15.5)	8.503	6571290	40.531 ug/ml
8) T Fluorene (C16.55)	9.282	6682162	43.381 ug/ml
9) T Phenanthrene (C19.36)	10.673	6542820	43.861 ug/ml
10) T Anthracene (C19.43)	10.748	6319842	48.925 ug/ml
12) T Fluoranthene (C21.85)	12.479	6604145	44.872 ug/ml
13) T Pyrene (C20.8)	12.774	6576478	45.845 ug/ml
14) T Benzo[a]anthracene (C...	14.639	6035395	46.056 ug/ml
15) T Chrysene (C27.41)	14.682	5910201	43.295 ug/ml
16) T benzo[b]fluoranthene ...	16.182	6096500	45.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	5820667	43.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	5344689	41.769 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	4911633	39.100 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	4964042	36.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	5538111	42.273 ug/ml

(f)=RT Delta > 1/2 Window

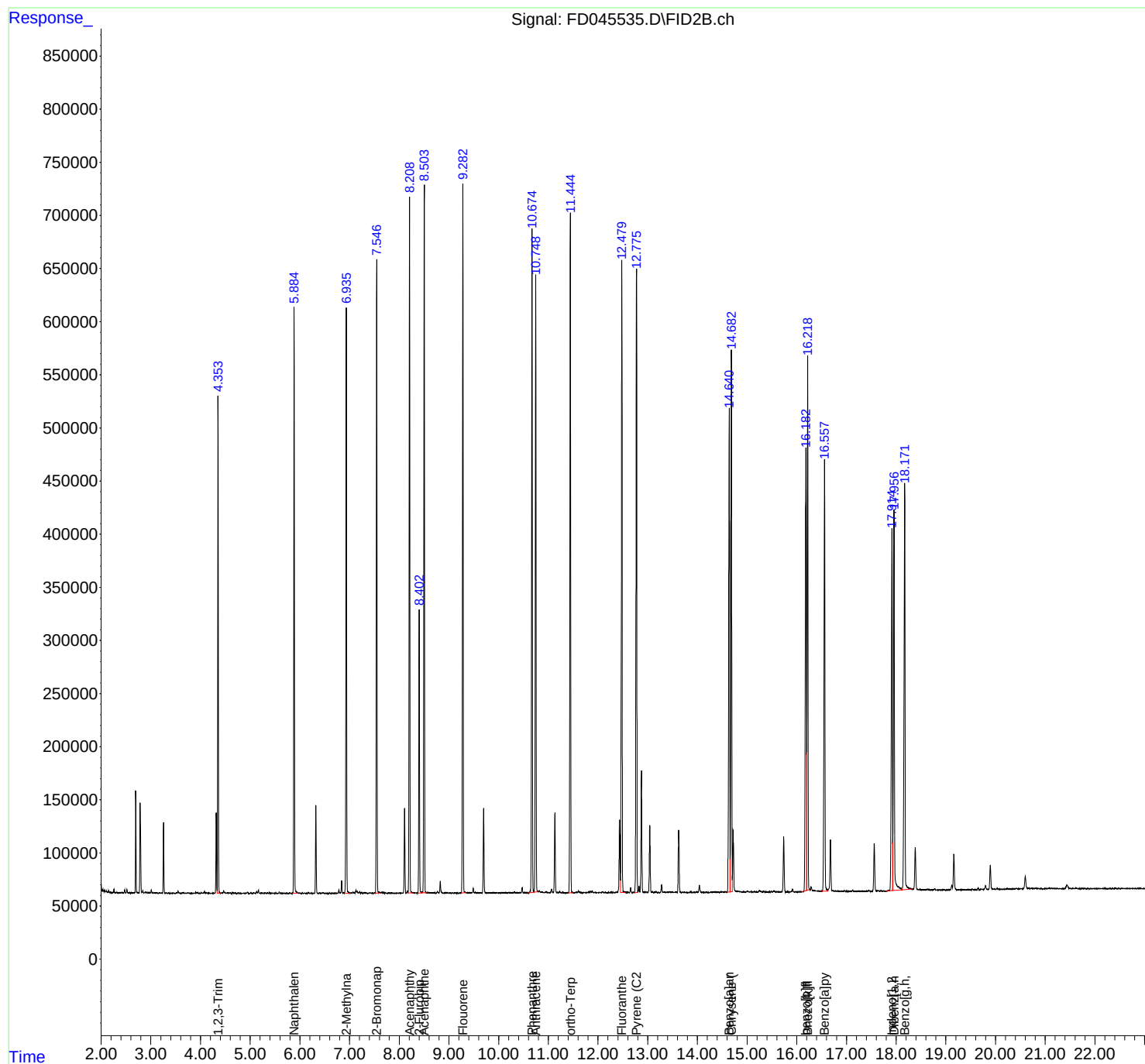
(m)=manual int.

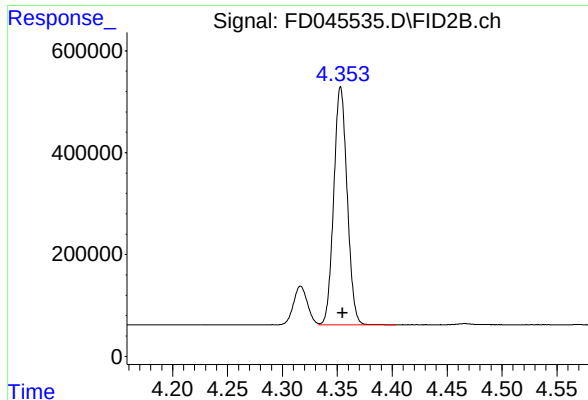
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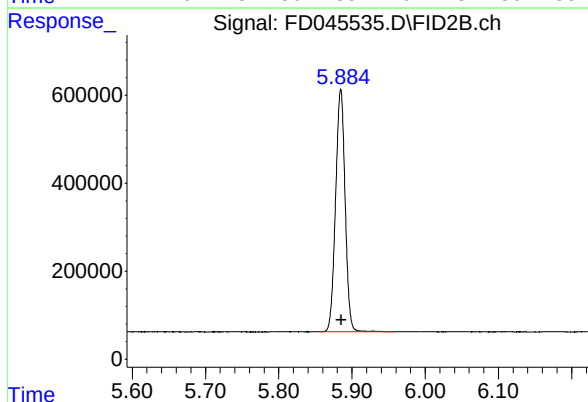




#1 1,2,3-Trimethylbenzene (C10.1)

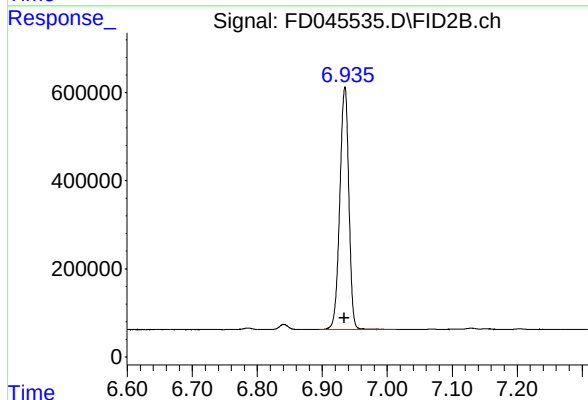
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3968647
Conc: 23.69 ug/ml

Instrument :
FID_D
ClientSampleId :



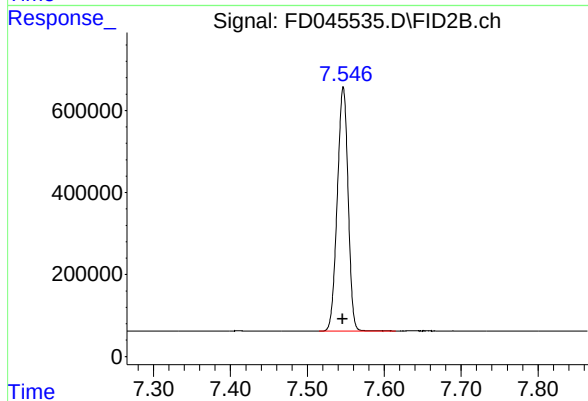
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 4980628
Conc: 29.10 ug/ml



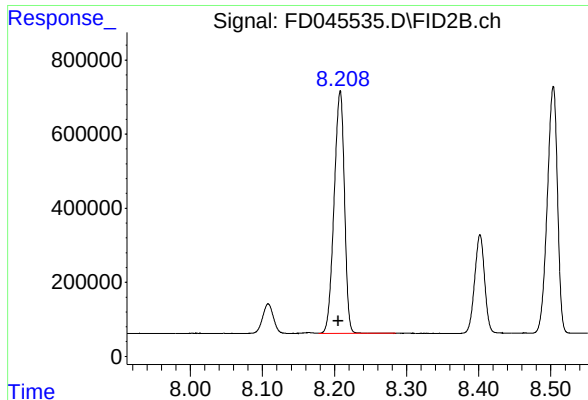
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 5343319
Conc: 31.58 ug/ml



#4 2-Bromonaphthalene (SURR)

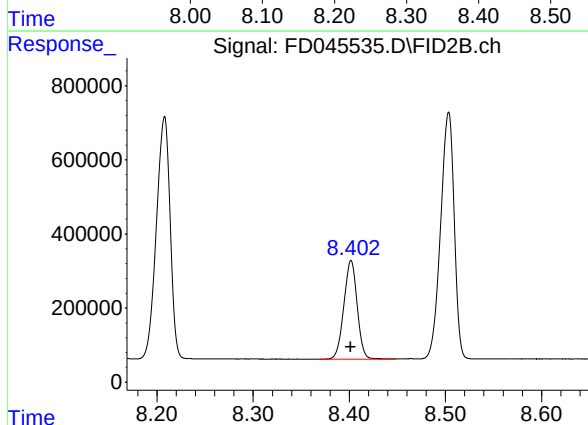
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 5810128
Conc: 40.19 ug/ml



#5 Acenaphthylene (C15.06)

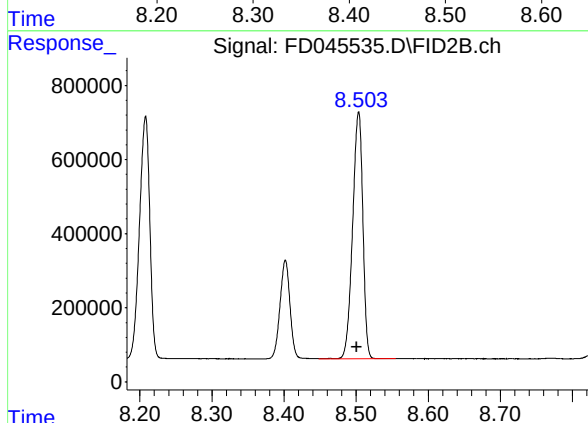
R.T.: 8.208 min
Delta R.T.: 0.002 min
Response: 6526492
Conc: 43.14 ug/ml

Instrument :
FID_D
ClientSampleId :



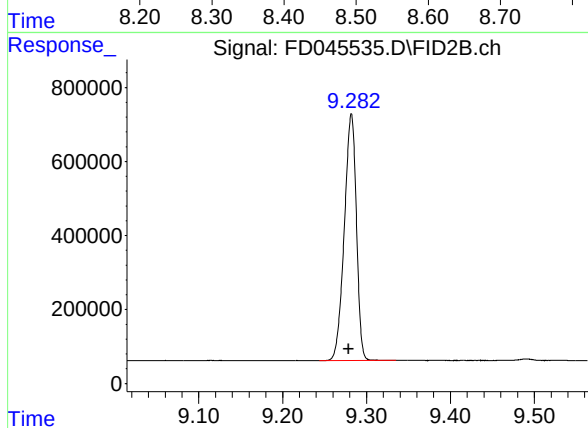
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 2563368
Conc: 27.49 ug/ml



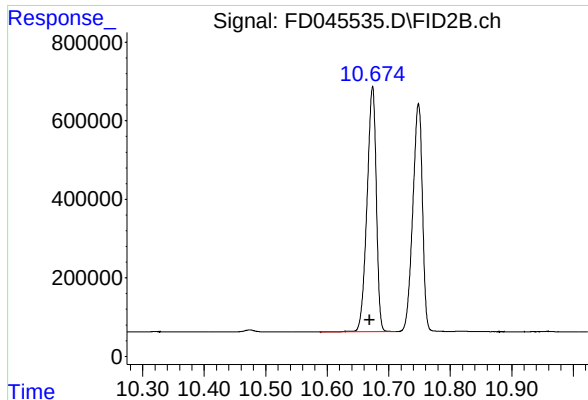
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 6571290
Conc: 40.53 ug/ml



#8 Flouorene (C16.55)

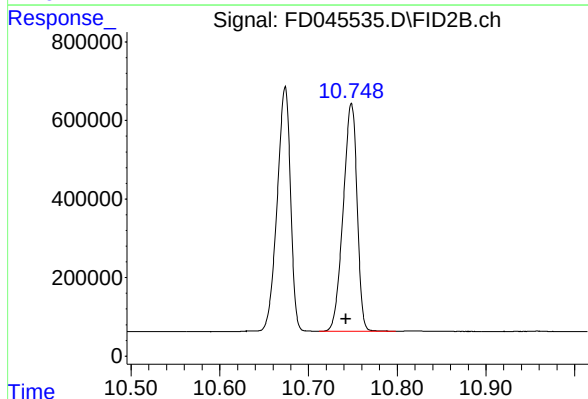
R.T.: 9.282 min
Delta R.T.: 0.003 min
Response: 6682162
Conc: 43.38 ug/ml



#9 Phenanthrene (C19.36)

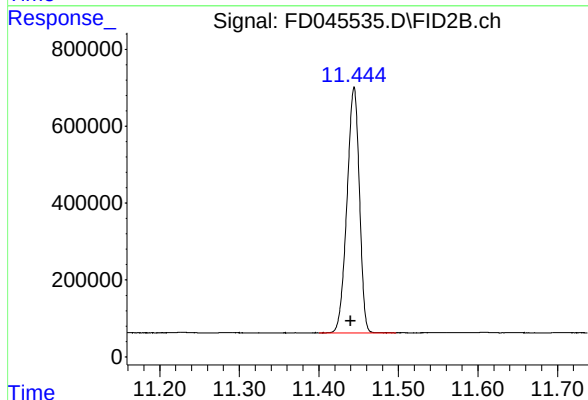
R.T.: 10.673 min
Delta R.T.: 0.004 min
Response: 6542820
Conc: 43.86 ug/ml

Instrument :
FID_D
ClientSampleId :



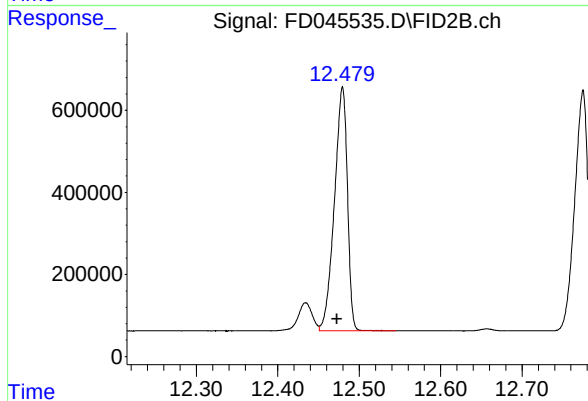
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.006 min
Response: 6319842
Conc: 48.93 ug/ml



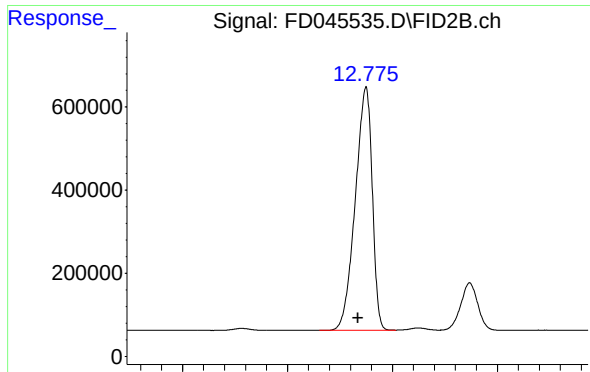
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.004 min
Response: 6934609
Conc: 38.75 ug/ml



#12 Fluoranthene (C21.85)

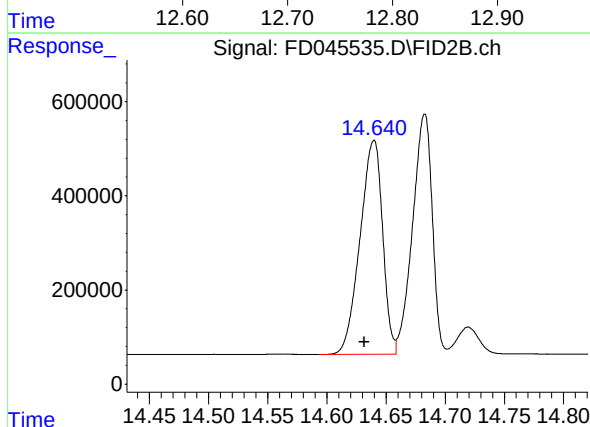
R.T.: 12.479 min
Delta R.T.: 0.006 min
Response: 6604145
Conc: 44.87 ug/ml



#13 Pyrene (C20.8)

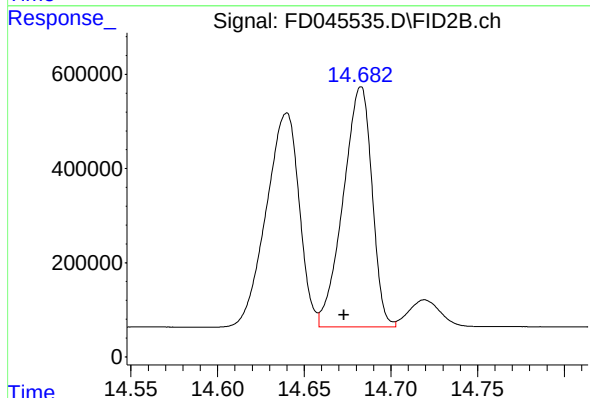
R.T.: 12.774 min
Delta R.T.: 0.007 min
Response: 6576478
Conc: 45.84 ug/ml

Instrument :
FID_D
ClientSampleId :



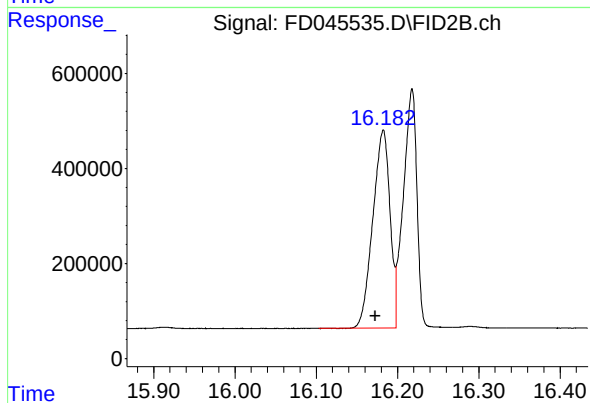
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.008 min
Response: 6035395
Conc: 46.06 ug/ml



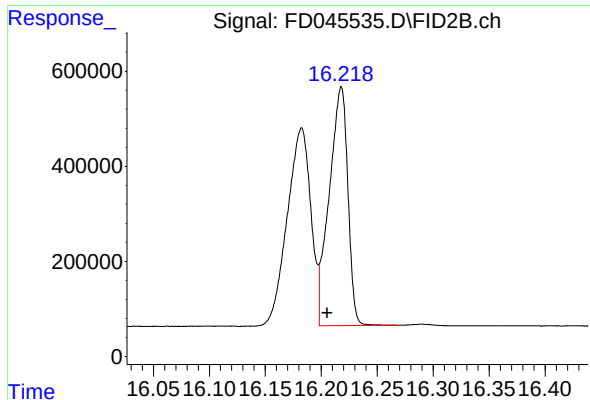
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.009 min
Response: 5910201
Conc: 43.30 ug/ml



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

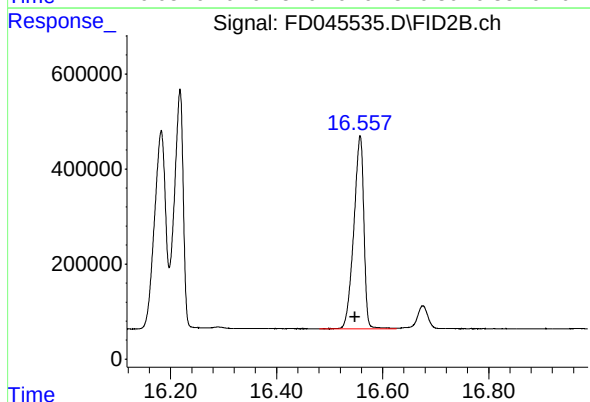
R.T.: 16.182 min
Delta R.T.: 0.009 min
Response: 6096500
Conc: 45.66 ug/ml



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

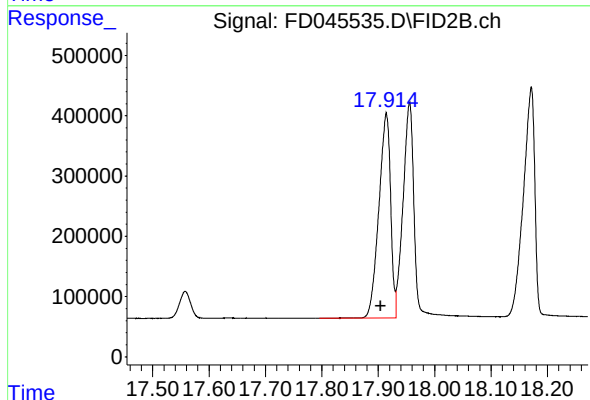
R.T.: 16.217 min
Delta R.T.: 0.012 min
Response: 5820667
Conc: 43.51 ug/ml

Instrument :
FID_D
ClientSampleId :



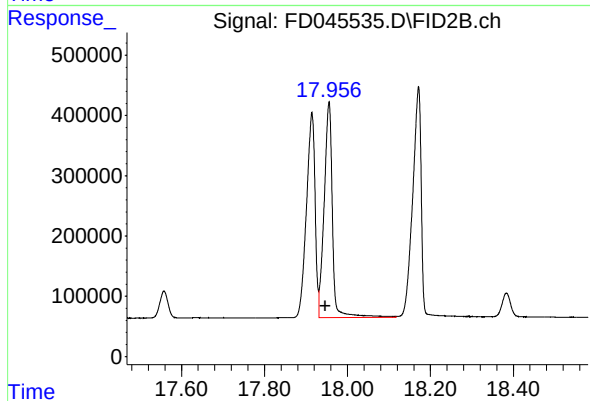
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.010 min
Response: 5344689
Conc: 41.77 ug/ml



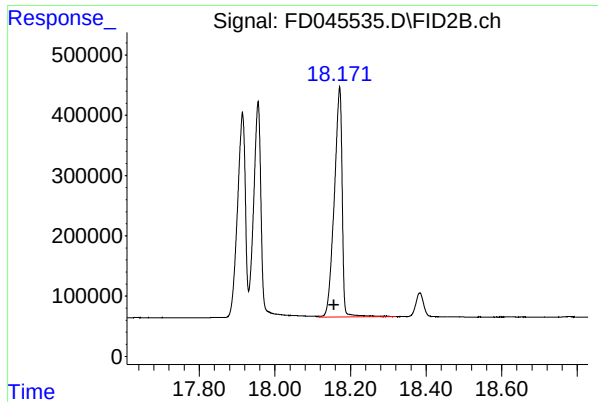
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.010 min
Response: 4911633
Conc: 39.10 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.009 min
Response: 4964042
Conc: 36.44 ug/ml



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

R.T.: 18.171 min

Delta R.T.: 0.014 min

Response: 5538111

Conc: 42.27 ug/ml

Instrument :

FID_D

ClientSampleId :