

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045588.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 15:51
 Operator : YP/AJ
 Sample : PB152571BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:36:28 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...	7.546	6792937	46.985 ug/ml
Spiked Amount 50.000		Recovery =	93.97%
6) S 2-Fluorobiphenyl (SURR)	8.402	3994452	42.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.67%
11) S ortho-Terphenyl (SURR)	11.443	7696513	43.005 ug/ml
Spiked Amount 50.000		Recovery =	86.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	5673263	33.860 ug/ml
2) T Naphthalene (C11.7)	5.885	6646215	38.834 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	6891077	40.731 ug/ml
5) T Acenaphthylene (C15.06)	8.207	7520386	49.712 ug/ml
7) T Acenaphthene (C15.5)	8.504	7954227	49.061 ug/ml
8) T Fluorene (C16.55)	9.282	7610495	49.408 ug/ml
9) T Phenanthrene (C19.36)	10.673	7510152	50.346 ug/ml
10) T Anthracene (C19.43)	10.749	7376481	57.105 ug/ml
12) T Fluoranthene (C21.85)	12.478	7440329	50.554 ug/ml
13) T Pyrene (C20.8)	12.774	7505430	52.321 ug/ml
14) T Benzo[a]anthracene (C...	14.639	6821136	52.052 ug/ml
15) T Chrysene (C27.41)	14.683	6683703	48.962 ug/ml
16) T benzo[b]fluoranthene ...	16.182	6872358	51.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	6510650	48.671 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	5911940	46.202 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	5395666	42.953 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	5136556	37.706 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	5921955	45.203 ug/ml

(f)=RT Delta > 1/2 Window

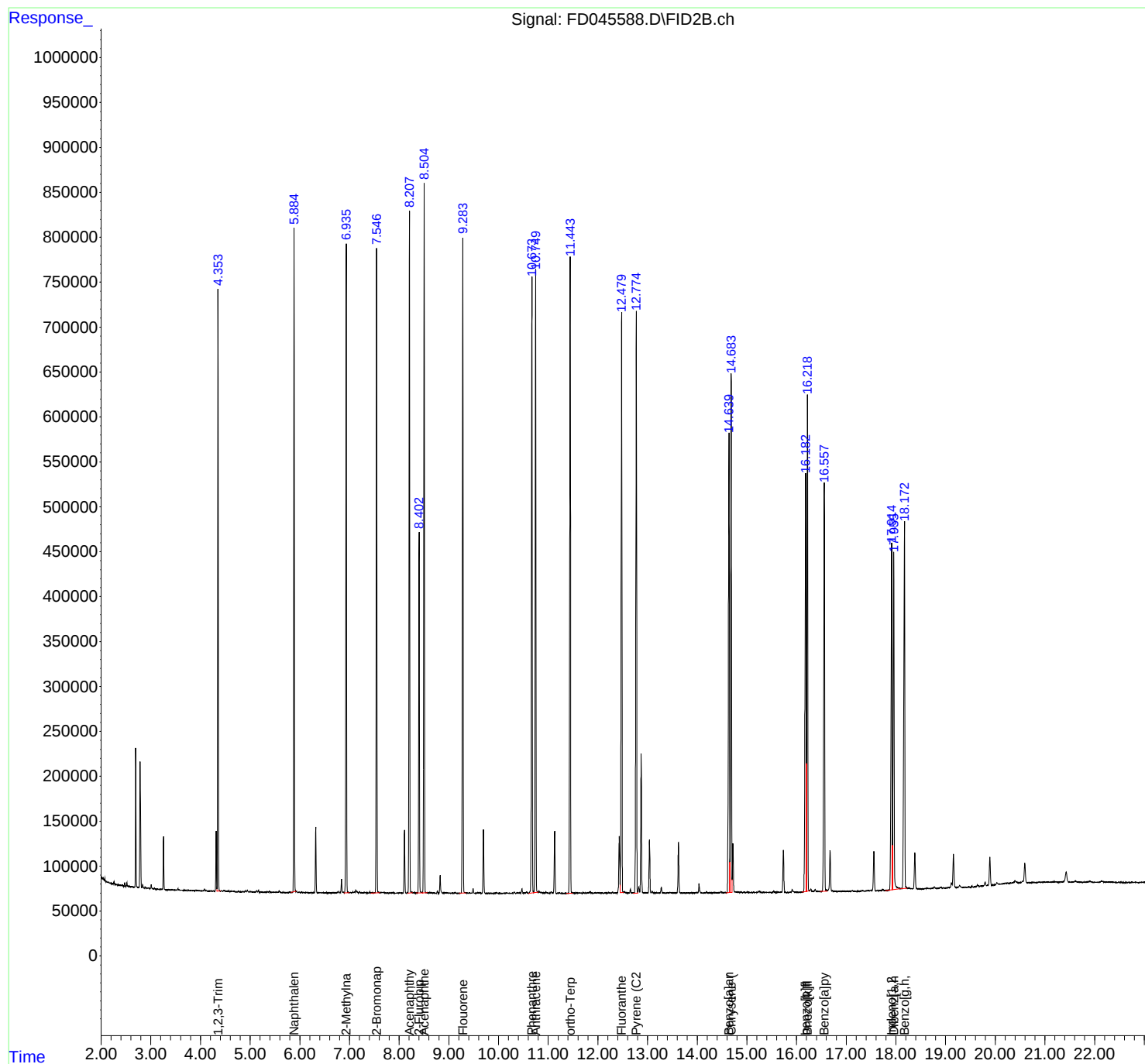
(m)=manual int.

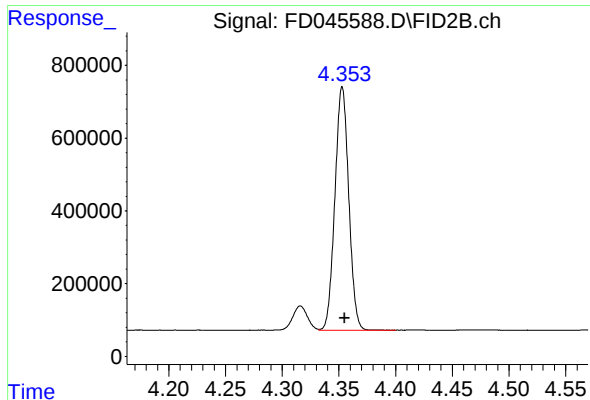
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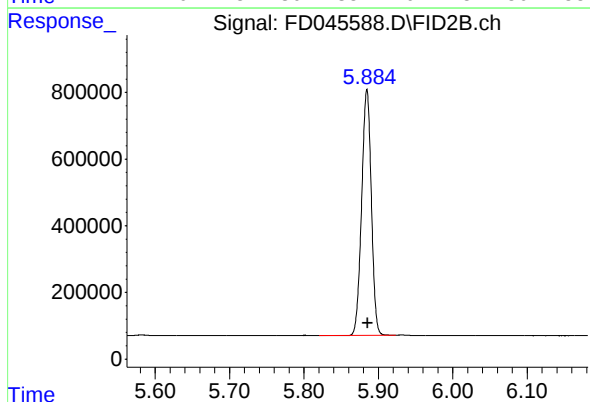
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 5673263
Conc: 33.86 ug/ml

Instrument :

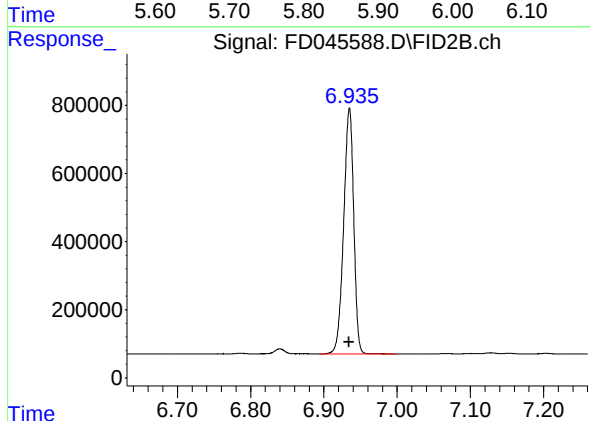
FID_D

ClientSampleId :



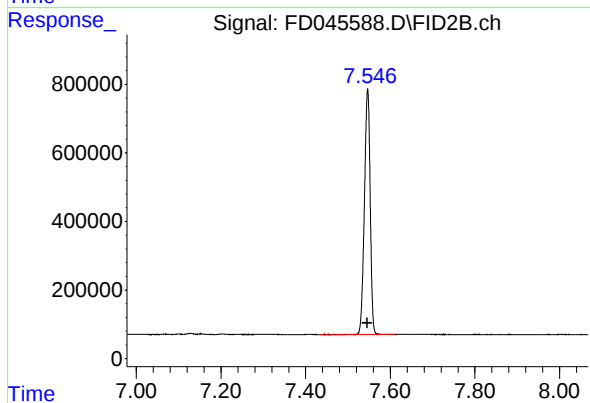
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 6646215
Conc: 38.83 ug/ml



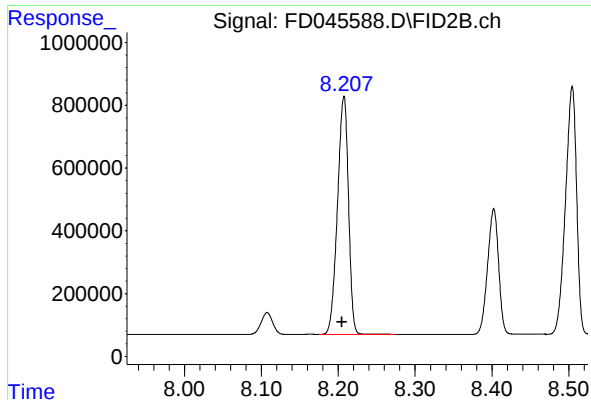
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 6891077
Conc: 40.73 ug/ml



#4 2-Bromonaphthalene (SURR)

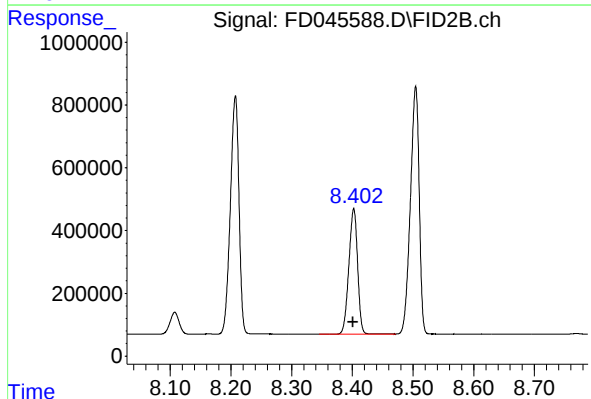
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 6792937
Conc: 46.99 ug/ml



#5 Acenaphthylene (C15.06)

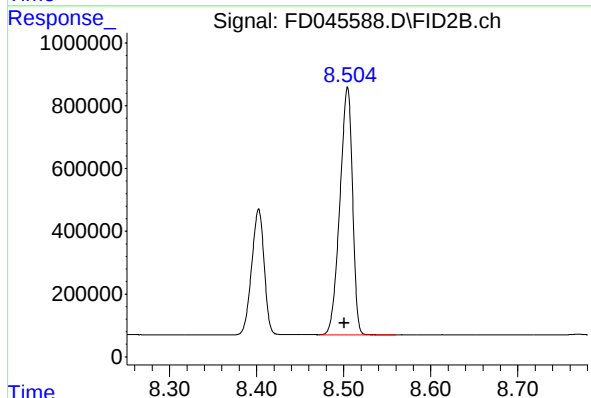
R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 7520386
Conc: 49.71 ug/ml

Instrument :
FID_D
ClientSampleId :



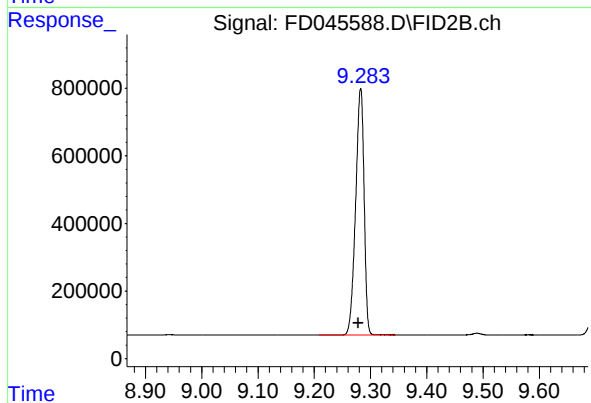
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 3994452
Conc: 42.84 ug/ml



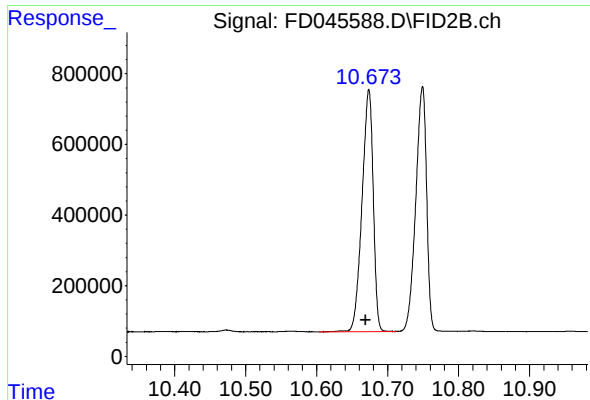
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: 0.003 min
Response: 7954227
Conc: 49.06 ug/ml



#8 Fluorene (C16.55)

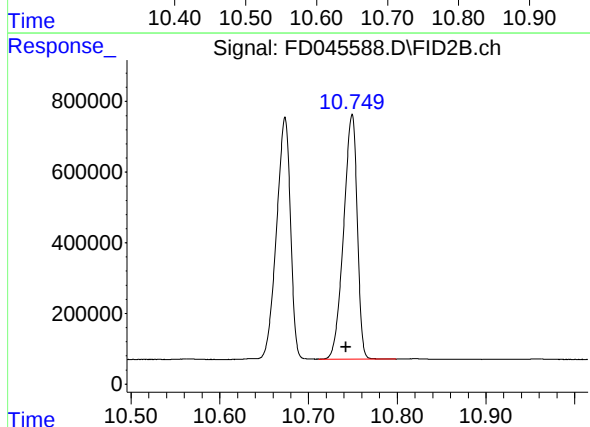
R.T.: 9.282 min
Delta R.T.: 0.004 min
Response: 7610495
Conc: 49.41 ug/ml



#9 Phenanthrene (C19.36)

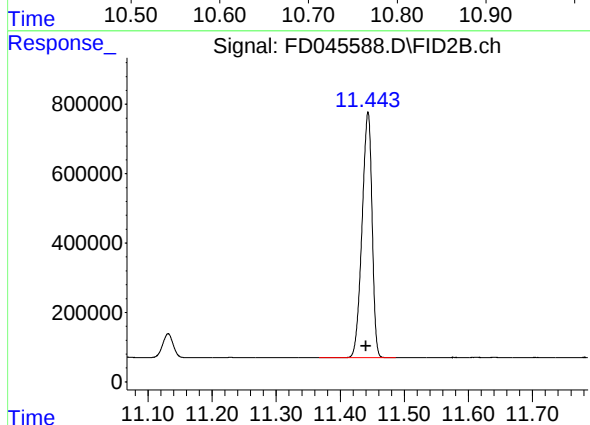
R.T.: 10.673 min
Delta R.T.: 0.004 min
Response: 7510152
Conc: 50.35 ug/ml

Instrument :
FID_D
ClientSampleId :



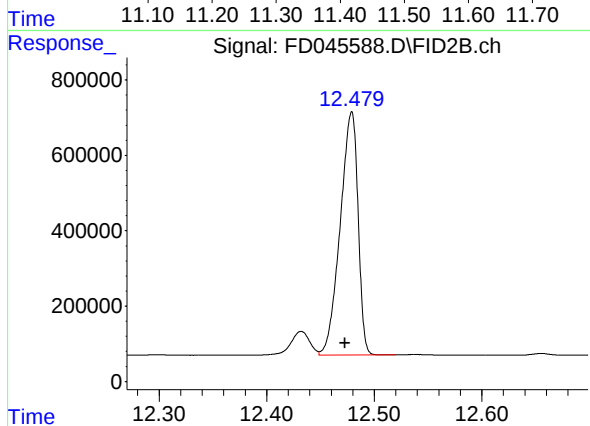
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: 0.006 min
Response: 7376481
Conc: 57.11 ug/ml



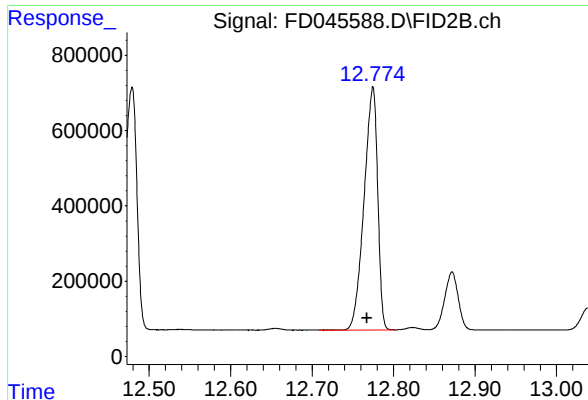
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.003 min
Response: 7696513
Conc: 43.00 ug/ml



#12 Fluoranthene (C21.85)

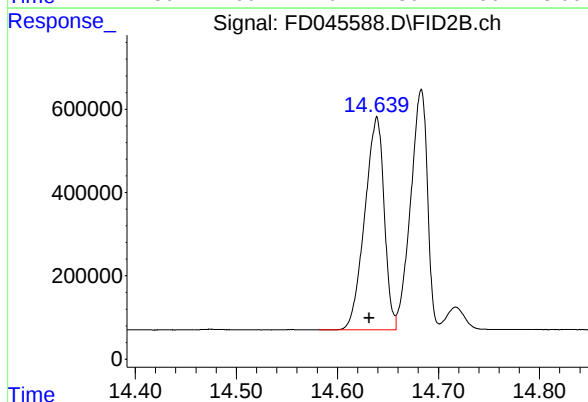
R.T.: 12.478 min
Delta R.T.: 0.006 min
Response: 7440329
Conc: 50.55 ug/ml



#13 Pyrene (C20.8)

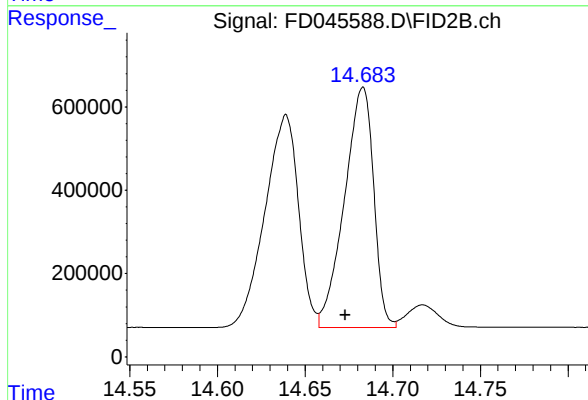
R.T.: 12.774 min
Delta R.T.: 0.007 min
Response: 7505430
Conc: 52.32 ug/ml

Instrument :
FID_D
ClientSampleId :



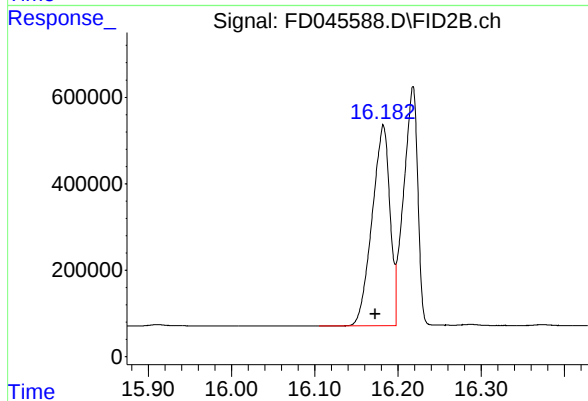
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.007 min
Response: 6821136
Conc: 52.05 ug/ml



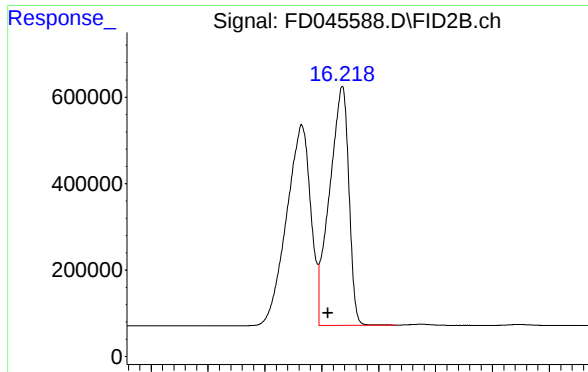
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.010 min
Response: 6683703
Conc: 48.96 ug/ml



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

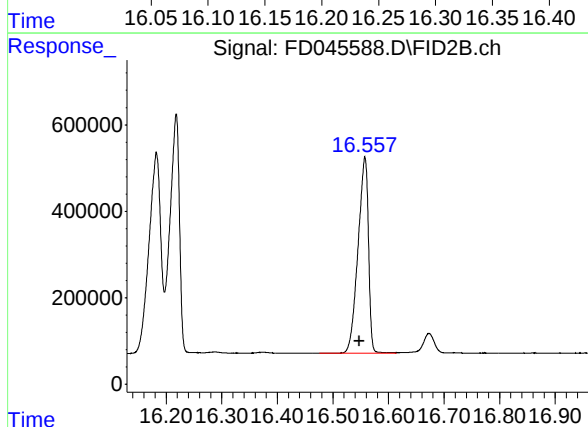
R.T.: 16.182 min
Delta R.T.: 0.009 min
Response: 6872358
Conc: 51.47 ug/ml



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

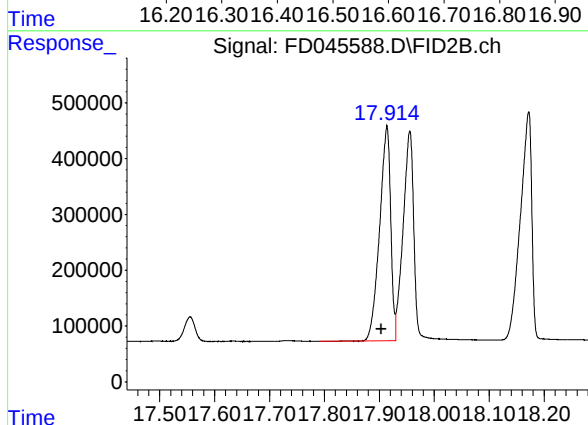
R.T.: 16.217 min
Delta R.T.: 0.012 min
Response: 6510650
Conc: 48.67 ug/ml

Instrument :
FID_D
ClientSampleId :



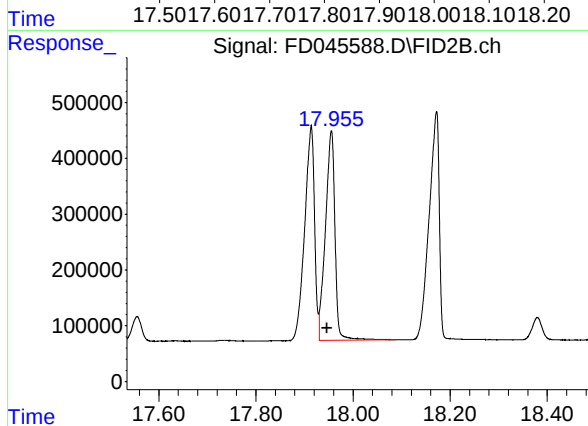
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.010 min
Response: 5911940
Conc: 46.20 ug/ml



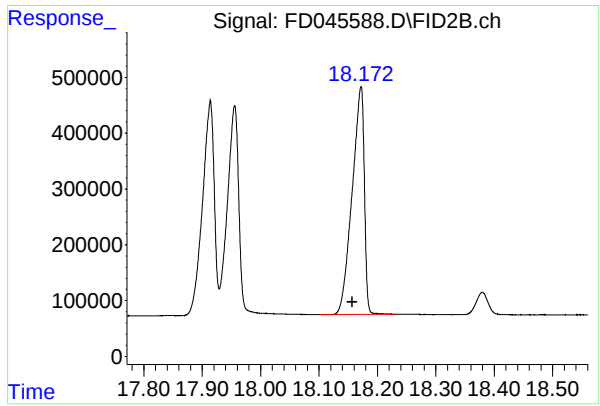
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.009 min
Response: 5395666
Conc: 42.95 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.009 min
Response: 5136556
Conc: 37.71 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.014 min
Response: 5921955
Conc: 45.20 ug/ml

Instrument :

FID_D

ClientSampleId :