

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045385.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 02:23
 Operator : YP/AJ
 Sample : PB151764BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 07:05:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.550	6567725	47.936 ug/ml
Spiked Amount 50.000		Recovery =	95.87%
6) S 2-Fluorobiphenyl (SURR)	8.405	3392698	37.845 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.69%
11) S ortho-Terphenyl (SURR)	11.445	6747090	38.780 ug/ml
Spiked Amount 50.000		Recovery =	77.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	4466757	28.673 ug/ml
2) T Naphthalene (C11.7)	5.888	5205083	32.388 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	5378245	33.597 ug/ml
5) T Acenaphthylene (C15.06)	8.210	6006823	41.026 ug/ml
7) T Acenaphthene (C15.5)	8.506	5974373	38.518 ug/ml
8) T Fluorene (C16.55)	9.284	6191029	41.750 ug/ml
9) T Phenanthrene (C19.36)	10.675	6329516	43.695 ug/ml
10) T Anthracene (C19.43)	10.750	6206605	44.902 ug/ml
12) T Fluoranthene (C21.85)	12.481	6458029	44.887 ug/ml
13) T Pyrene (C20.8)	12.777	6398684	45.510 ug/ml
14) T Benzo[a]anthracene (C...	14.641	5979198	46.624 ug/ml
15) T Chrysene (C27.41)	14.685	5898353	44.482 ug/ml
16) T benzo[b]fluoranthene ...	16.184	5971637	45.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.219	5636225	44.501 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	5278039	41.980 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	5479343	46.295 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	5022354	42.157 ug/ml
21) T Benzo[g,h,i]perylene ...	18.174	5402368	43.250 ug/ml

(f)=RT Delta > 1/2 Window

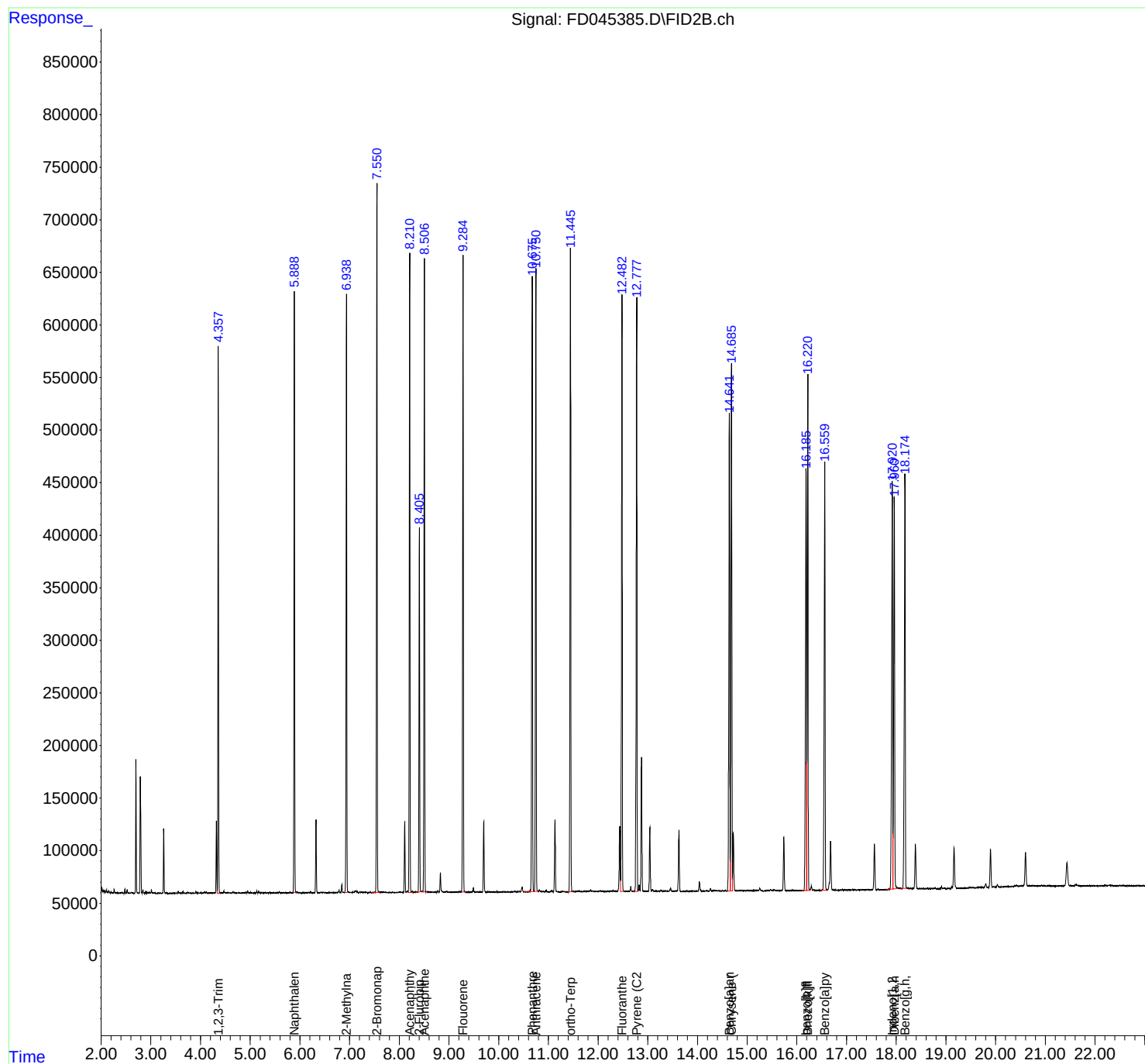
(m)=manual int.

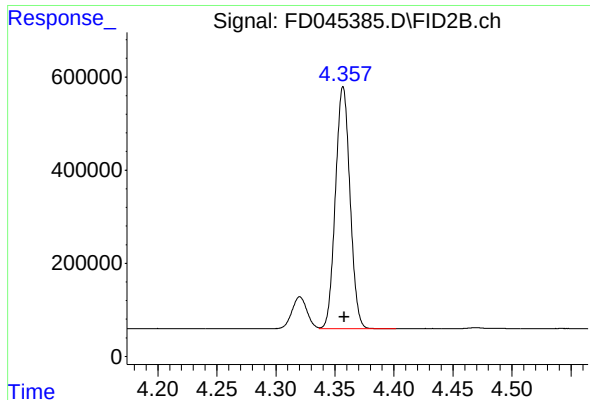
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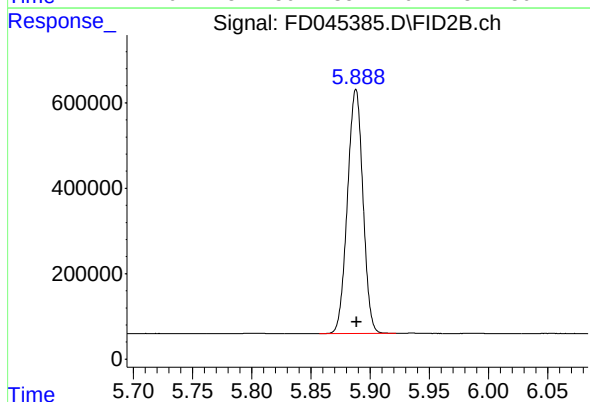




#1 1,2,3-Trimethylbenzene (C10.1)

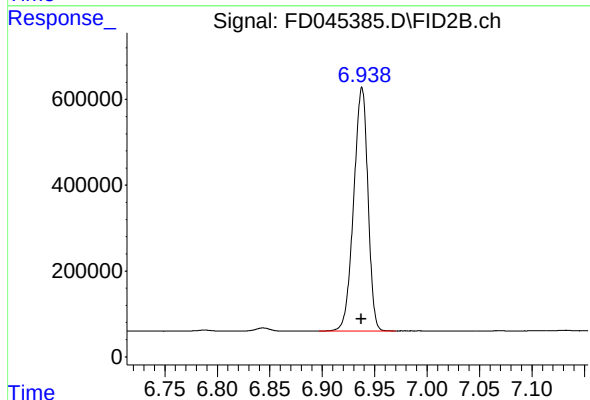
R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 4466757
Conc: 28.67 ug/ml

Instrument :
FID_D
ClientSampleId :



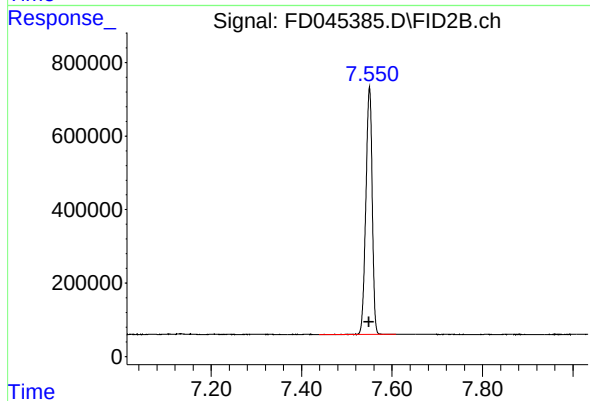
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 5205083
Conc: 32.39 ug/ml



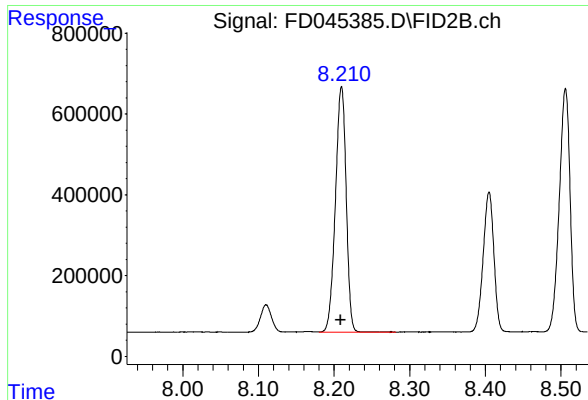
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 5378245
Conc: 33.60 ug/ml



#4 2-Bromonaphthalene (SURR)

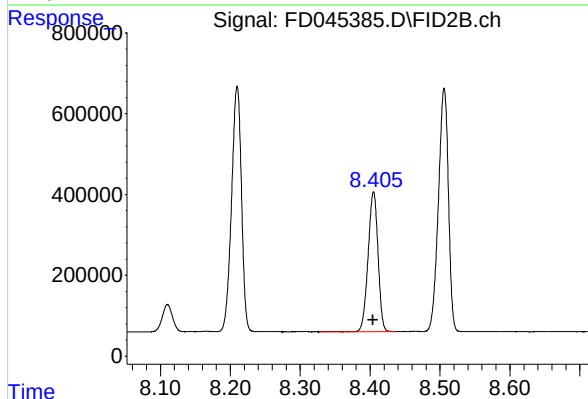
R.T.: 7.550 min
Delta R.T.: 0.001 min
Response: 6567725
Conc: 47.94 ug/ml



#5 Acenaphthylene (C15.06)

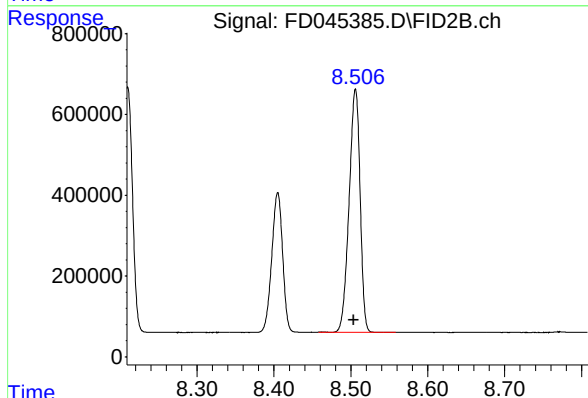
R.T.: 8.210 min
Delta R.T.: 0.001 min
Response: 6006823
Conc: 41.03 ug/ml

Instrument :
FID_D
ClientSampleId :



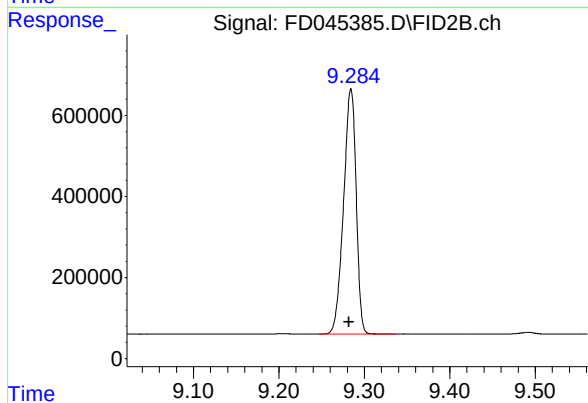
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 3392698
Conc: 37.84 ug/ml



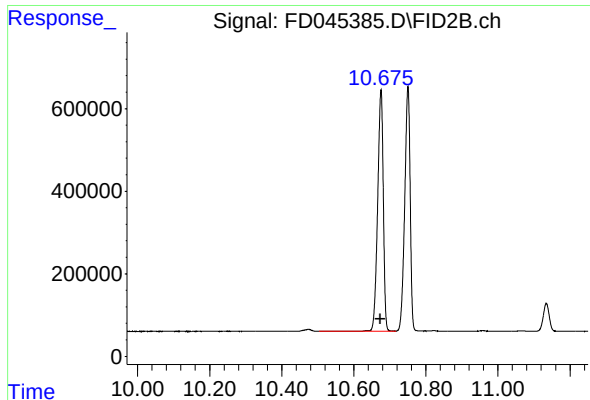
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: 0.002 min
Response: 5974373
Conc: 38.52 ug/ml



#8 Flouorene (C16.55)

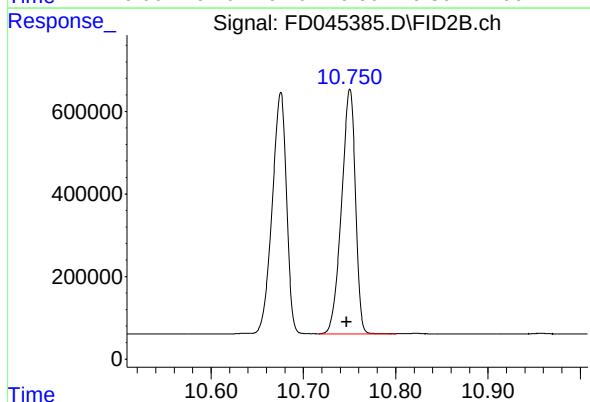
R.T.: 9.284 min
Delta R.T.: 0.002 min
Response: 6191029
Conc: 41.75 ug/ml



#9 Phenanthrene (C19.36)

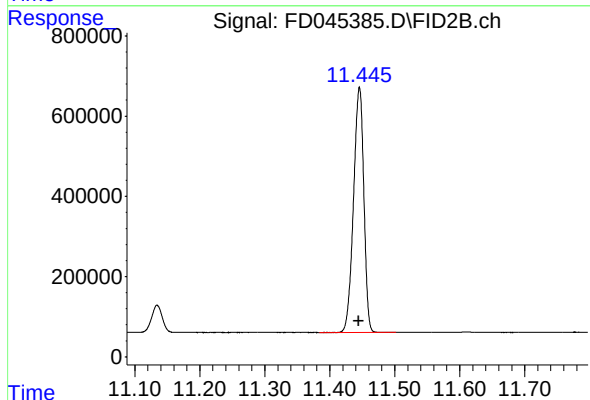
R.T.: 10.675 min
Delta R.T.: 0.002 min
Response: 6329516
Conc: 43.70 ug/ml

Instrument :
FID_D
ClientSampleId :



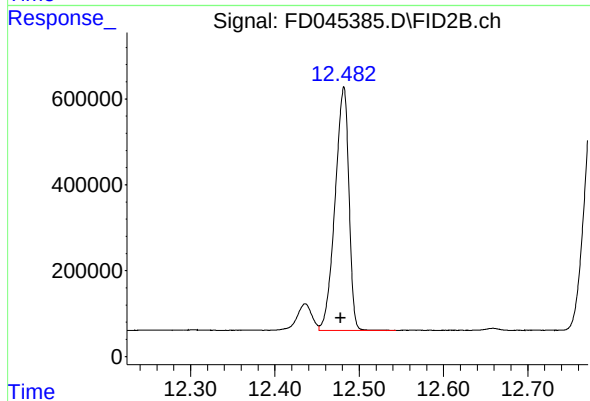
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.003 min
Response: 6206605
Conc: 44.90 ug/ml



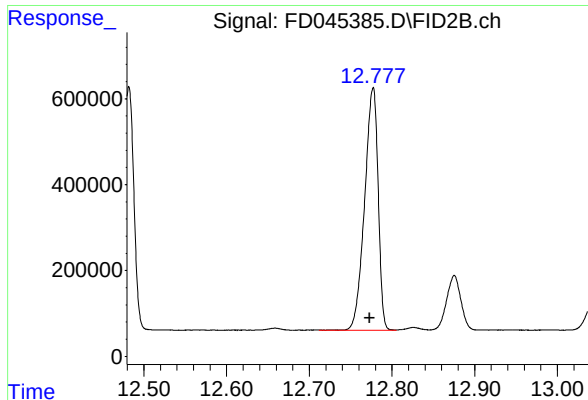
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 6747090
Conc: 38.78 ug/ml



#12 Fluoranthene (C21.85)

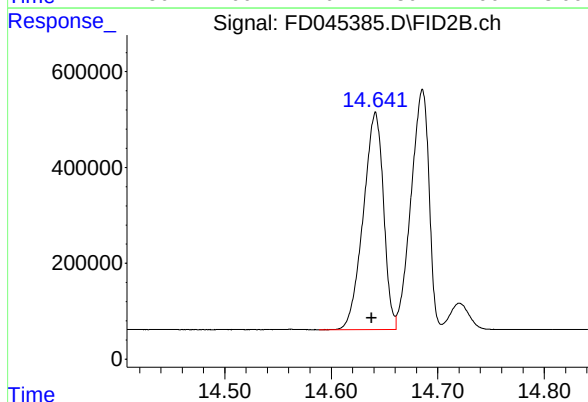
R.T.: 12.481 min
Delta R.T.: 0.003 min
Response: 6458029
Conc: 44.89 ug/ml



#13 Pyrene (C20.8)

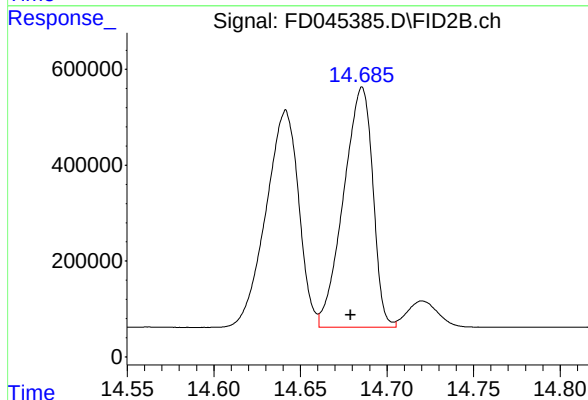
R.T.: 12.777 min
Delta R.T.: 0.004 min
Response: 6398684
Conc: 45.51 ug/ml

Instrument :
FID_D
ClientSampleId :



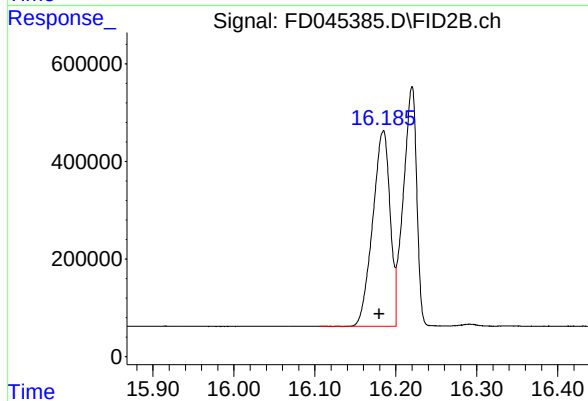
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.003 min
Response: 5979198
Conc: 46.62 ug/ml



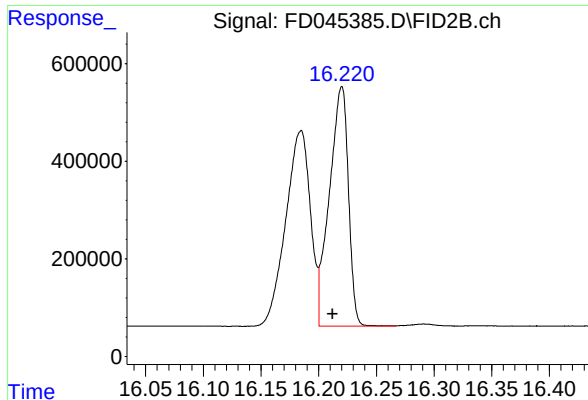
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: 0.006 min
Response: 5898353
Conc: 44.48 ug/ml



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

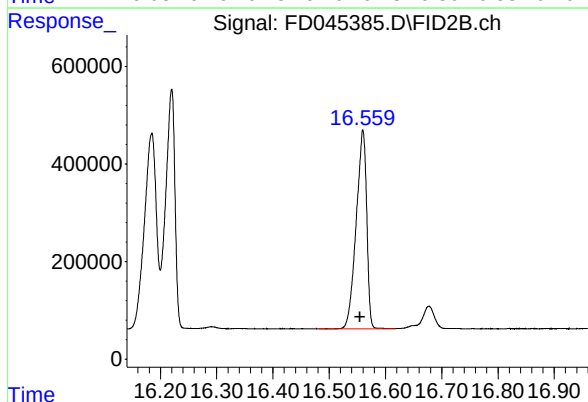
R.T.: 16.184 min
Delta R.T.: 0.005 min
Response: 5971637
Conc: 45.97 ug/ml



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

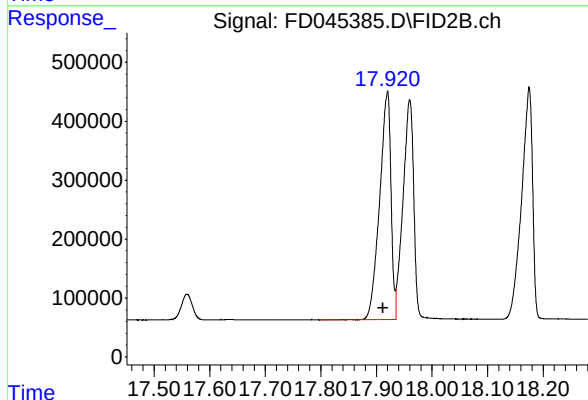
R.T.: 16.219 min
Delta R.T.: 0.008 min
Response: 5636225
Conc: 44.50 ug/ml

Instrument :
FID_D
ClientSampleId :



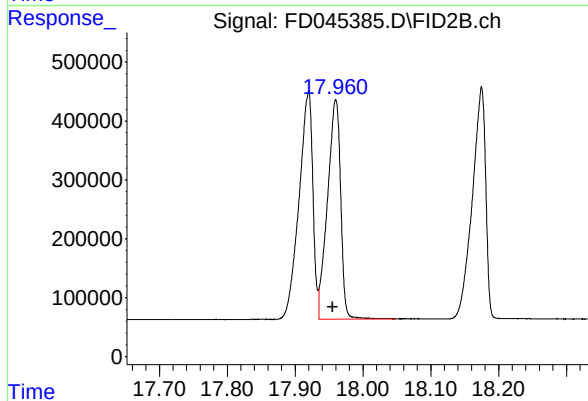
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.005 min
Response: 5278039
Conc: 41.98 ug/ml



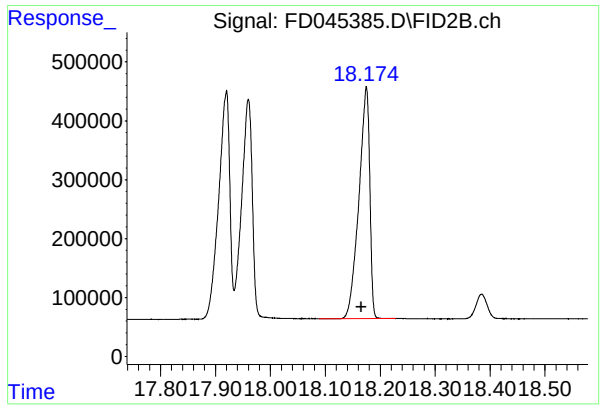
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.007 min
Response: 5479343
Conc: 46.29 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.004 min
Response: 5022354
Conc: 42.16 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.009 min
Response: 5402368
Conc: 43.25 ug/ml

Instrument :

FID_D

ClientSampleId :