

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043801.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 18:54
 Operator : YP/AJ
 Sample : PB147463BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 04:01:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 2022
 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...	7.437	8521439	49.319 ug/ml
Spiked Amount 50.000		Recovery =	98.64%
6) S 2-Fluorobiphenyl (SURR)	8.290	5565691	55.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.66%
11) S ortho-Terphenyl (SURR)	11.324	8470348	40.487 ug/ml
Spiked Amount 50.000		Recovery =	80.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	2566867	12.889 ug/ml
2) T Naphthalene (C11.7)	5.776	7012862	34.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	6945102	38.478 ug/ml
5) T Acenaphthylene (C15.06)	8.386	7889226	39.468 ug/ml
7) T Acenaphthene (C15.5)	8.386	7889226	36.701 ug/ml
8) T Fluorene (C16.55)	9.166	7736478	40.354 ug/ml
9) T Phenanthrene (C19.36)	10.633	8275243	46.018 ug/ml
10) T Anthracene (C19.43)	10.633	8275243	42.545 ug/ml
12) T Fluoranthene (C21.85)	12.362	7971416	43.711 ug/ml
13) T Pyrene (C20.8)	12.738	3242122	17.369 ug/ml
14) T Benzo[a]anthracene (C...	14.568	8168614	57.091 ug/ml
15) T Chrysene (C27.41)	14.568	8168614	42.322 ug/ml
16) T benzo[b]fluoranthene ...	16.104	6734628	46.671 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	6734628	39.156 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.526	1082646	7.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	6698082	64.767 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	6698082	47.597 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	6570856	51.615 ug/ml

(f)=RT Delta > 1/2 Window

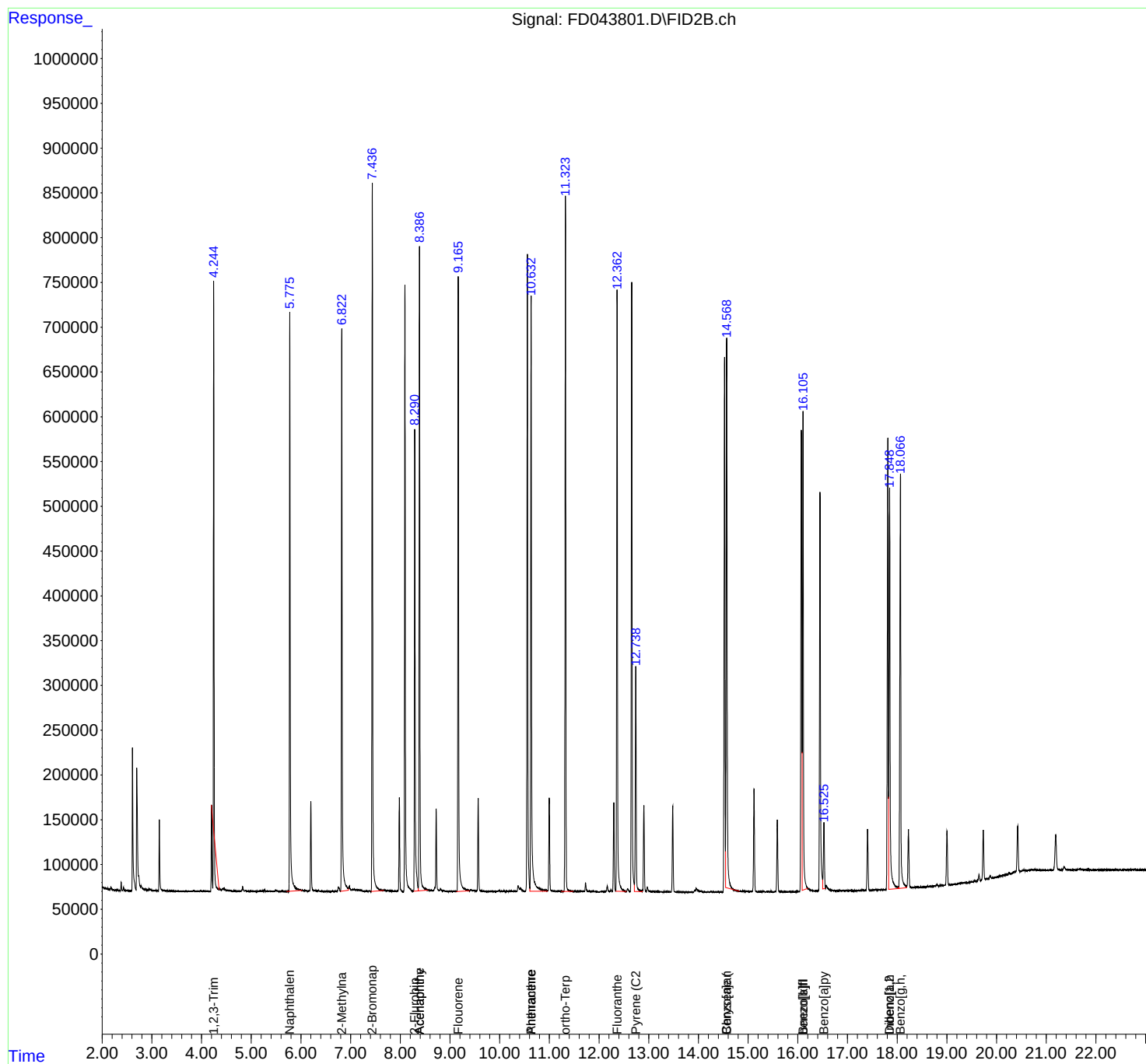
(m)=manual int.

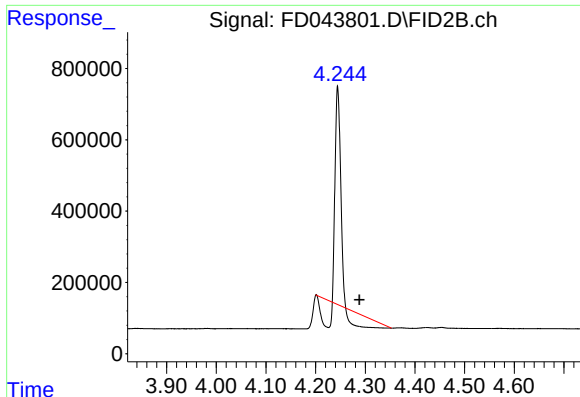
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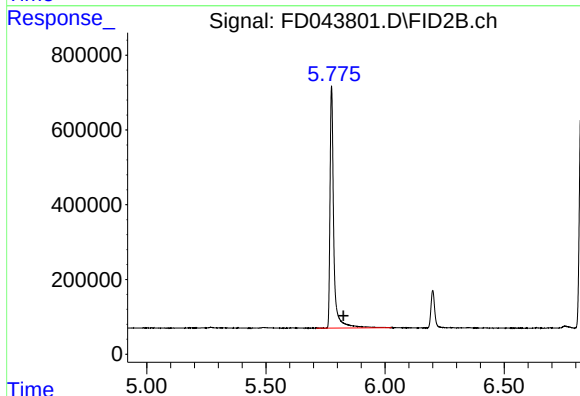




#1 1,2,3-Trimethylbenzene (C10.1)

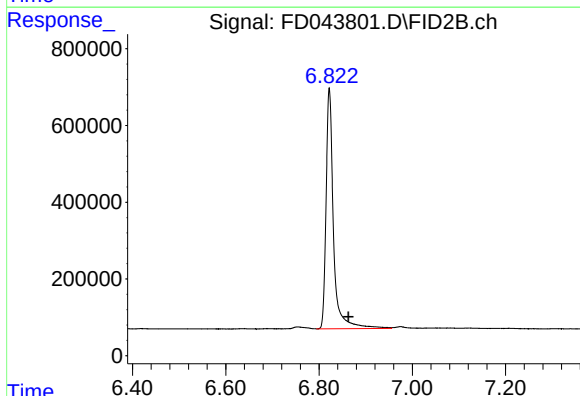
R.T.: 4.245 min
Delta R.T.: -0.043 min
Response: 2566867
Conc: 12.89 ug/ml

Instrument :
FID_D
ClientSampleId :



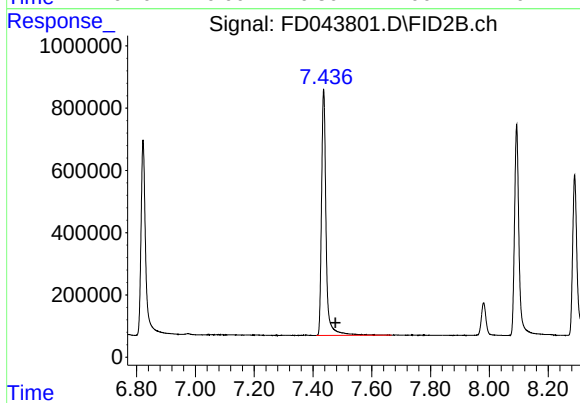
#2 Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.050 min
Response: 7012862
Conc: 34.89 ug/ml



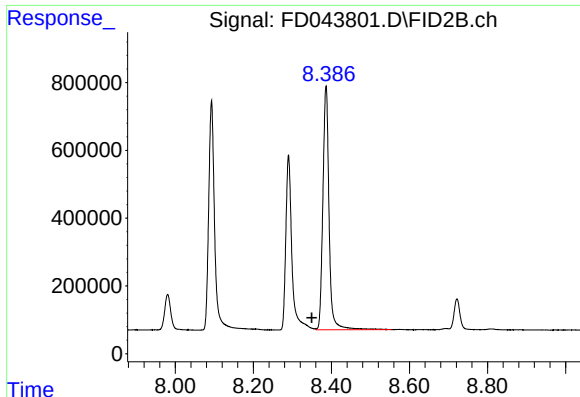
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.041 min
Response: 6945102
Conc: 38.48 ug/ml



#4 2-Bromonaphthalene (SURR)

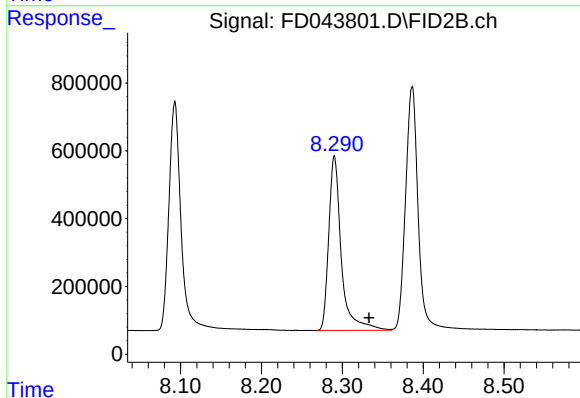
R.T.: 7.437 min
Delta R.T.: -0.039 min
Response: 8521439
Conc: 49.32 ug/ml



#5 Acenaphthylene (C15.06)

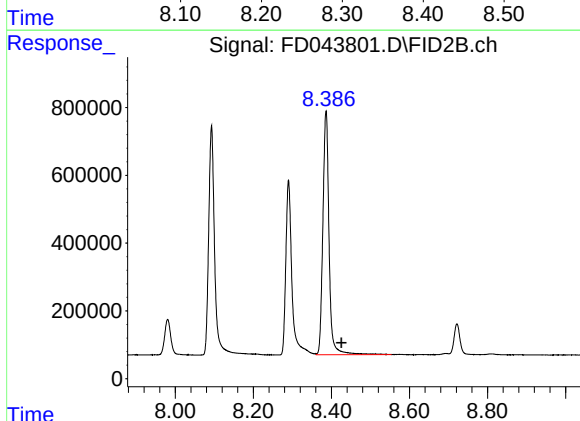
R.T.: 8.386 min
Delta R.T.: 0.036 min
Response: 7889226
Conc: 39.47 ug/ml

Instrument :
FID_D
ClientSampleId :



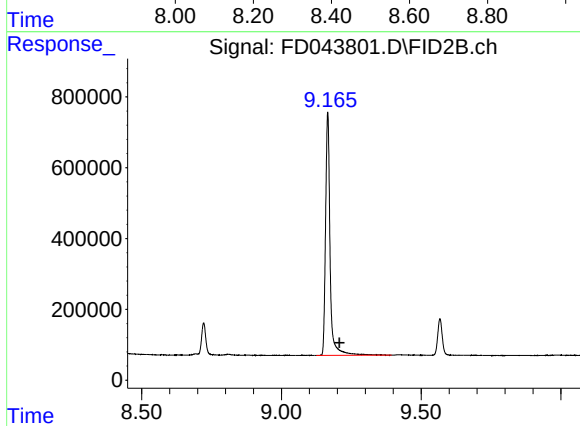
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.043 min
Response: 5565691
Conc: 55.33 ug/ml



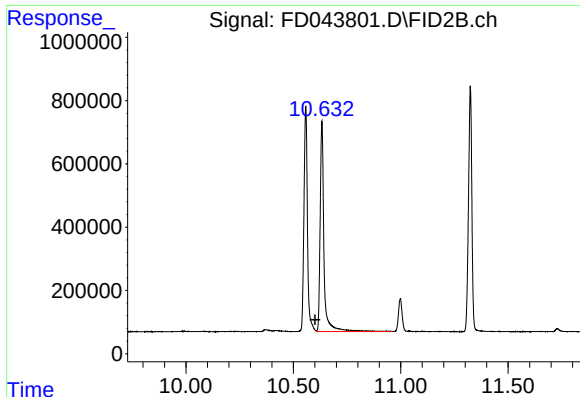
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: -0.040 min
Response: 7889226
Conc: 36.70 ug/ml



#8 Flouorene (C16.55)

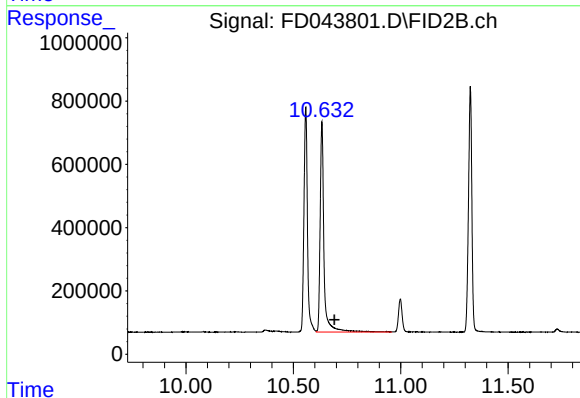
R.T.: 9.166 min
Delta R.T.: -0.042 min
Response: 7736478
Conc: 40.35 ug/ml



#9 Phenanthrene (C19.36)

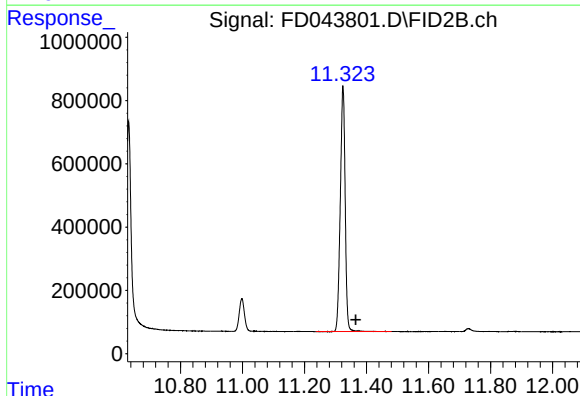
R.T.: 10.633 min
Delta R.T.: 0.032 min
Response: 8275243
Conc: 46.02 ug/ml

Instrument :
FID_D
ClientSampleId :



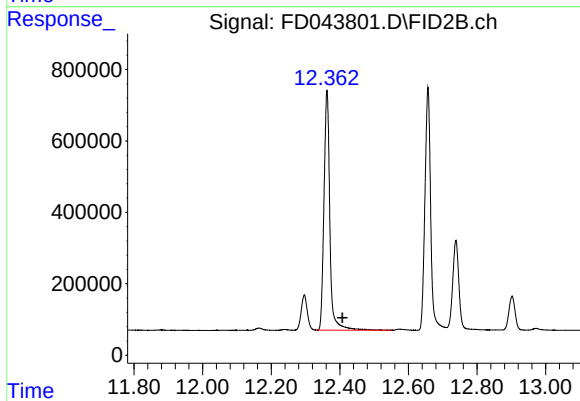
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: -0.058 min
Response: 8275243
Conc: 42.54 ug/ml



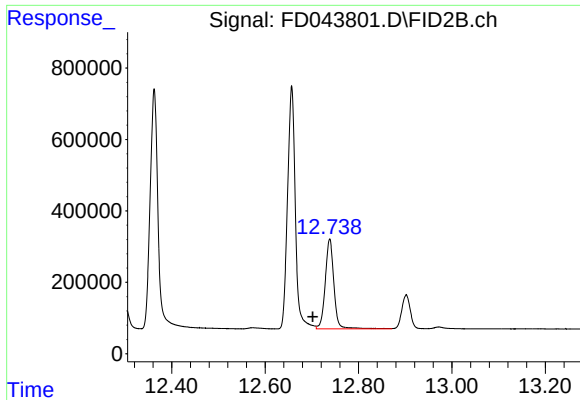
#11 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: -0.041 min
Response: 8470348
Conc: 40.49 ug/ml



#12 Fluoranthene (C21.85)

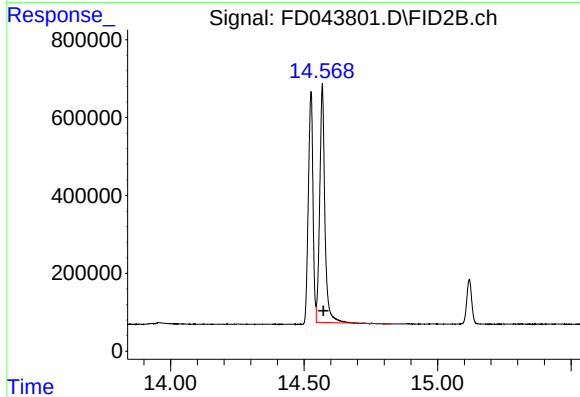
R.T.: 12.362 min
Delta R.T.: -0.046 min
Response: 7971416
Conc: 43.71 ug/ml



#13 Pyrene (C20.8)

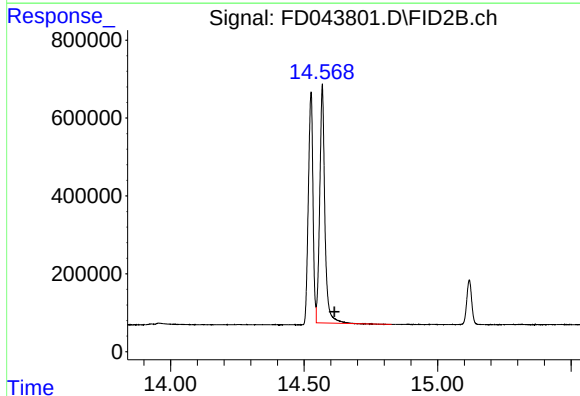
R.T.: 12.738 min
Delta R.T.: 0.036 min
Response: 3242122
Conc: 17.37 ug/ml

Instrument :
FID_D
ClientSampleId :



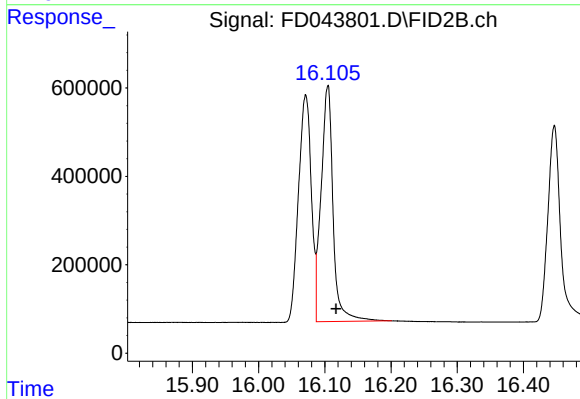
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.004 min
Response: 8168614
Conc: 57.09 ug/ml



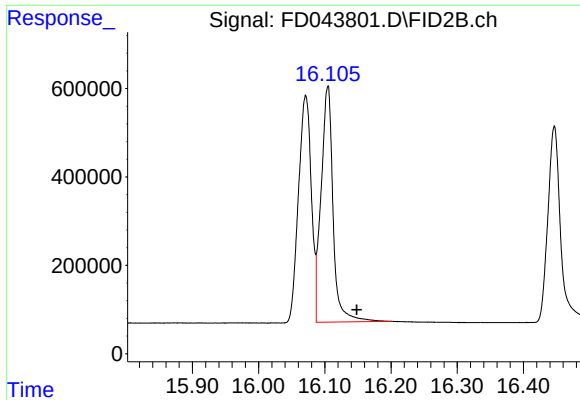
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.046 min
Response: 8168614
Conc: 42.32 ug/ml



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

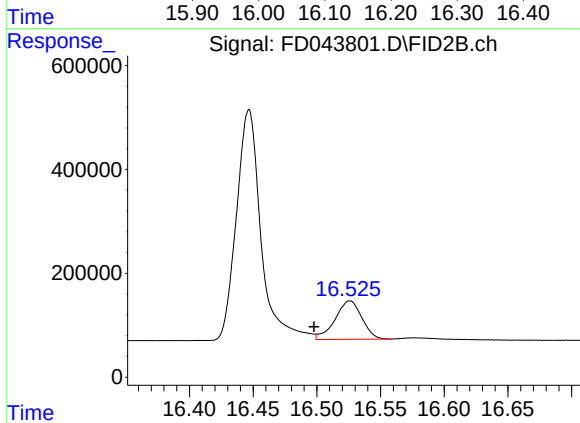
R.T.: 16.104 min
Delta R.T.: -0.013 min
Response: 6734628
Conc: 46.67 ug/ml



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

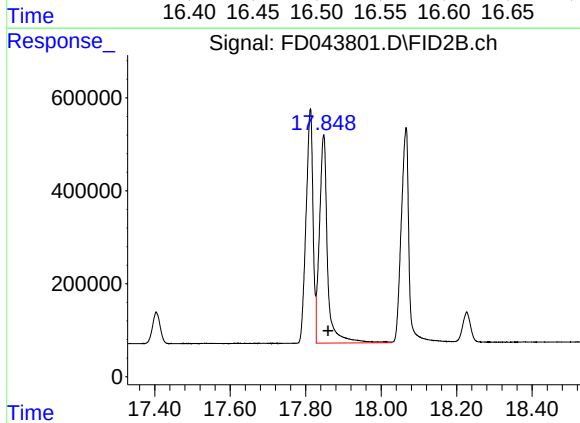
R.T.: 16.104 min
Delta R.T.: -0.044 min
Response: 6734628
Conc: 39.16 ug/ml

Instrument :
FID_D
ClientSampleId :



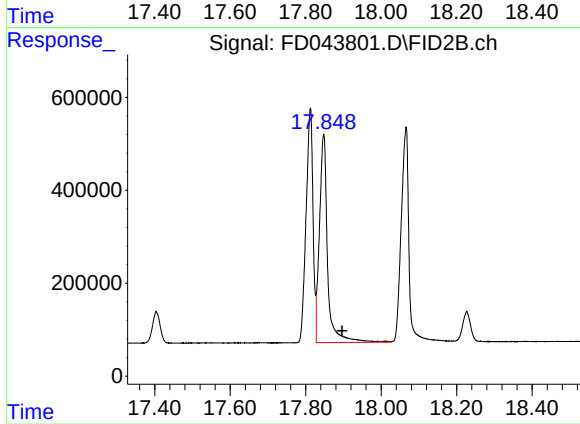
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.526 min
Delta R.T.: 0.028 min
Response: 1082646
Conc: 7.46 ug/ml



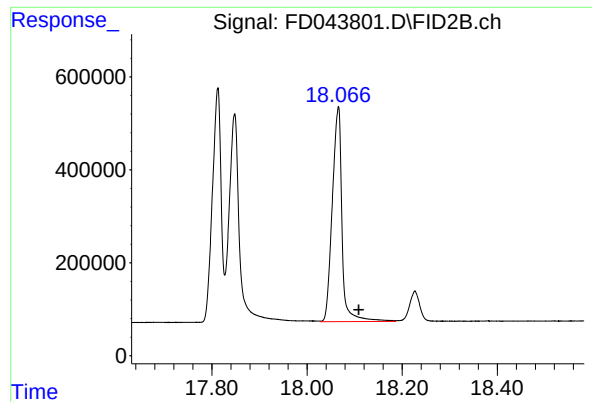
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: -0.012 min
Response: 6698082
Conc: 64.77 ug/ml



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

R.T.: 17.847 min
Delta R.T.: -0.050 min
Response: 6698082
Conc: 47.60 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.044 min
Response: 6570856
Conc: 51.62 ug/ml

Instrument :

FID_D

ClientSampleId :