

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092722AR\
 Data File : FD043980.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 06:12
 Operator : YP/AJ
 Sample : PB147947BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147947BS

Integration File: autoint1.e
 Quant Time: Sep 28 07:43:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.422	6100816	46.366 ug/ml
Spiked Amount 50.000		Recovery =	92.73%
6) S 2-Fluorobiphenyl (SURR)	8.275	3922631	54.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.75%
11) S ortho-Terphenyl (SURR)	11.309	6327757	33.967 ug/ml
Spiked Amount 50.000		Recovery =	67.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.234	4478641	29.801 ug/mlm
2) T Naphthalene (C11.7)	5.762	5052360	35.481 ug/mlm
3) T 2-Methylnaphthalene (...)	6.808	5281315	36.101 ug/ml
5) T Acenaphthylene (C15.06)	8.078	5218045	33.816 ug/mlm
7) T Acenaphthene (C15.5)	8.371	5890996	33.662 ug/ml
8) T Flouorene (C16.55)	9.150	5770780	39.262 ug/mlm
9) T Phenanthrene (C19.36)	10.542	5861891	40.508 ug/ml
10) T Anthracene (C19.43)	10.618	5941060	40.482 ug/ml
12) T Fluoranthene (C21.85)	12.348	5818019	37.933 ug/ml
13) T Pyrene (C20.8)	12.642	5684478	38.213 ug/ml
14) T Benzo[a]anthracene (C...	14.510	5163940	46.193 ug/ml
15) T Chrysene (C27.41)	14.553	5982525	38.280 ug/ml
16) T benzo[b]fluoranthene ...	16.057	5048779	43.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	5142584	34.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	4433345	36.601 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.799	4770245	50.171 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	5131997	42.720 ug/ml
21) T Benzo[g,h,i]perylene ...	18.052	5023625	44.083 ug/ml

(f)=RT Delta > 1/2 Window

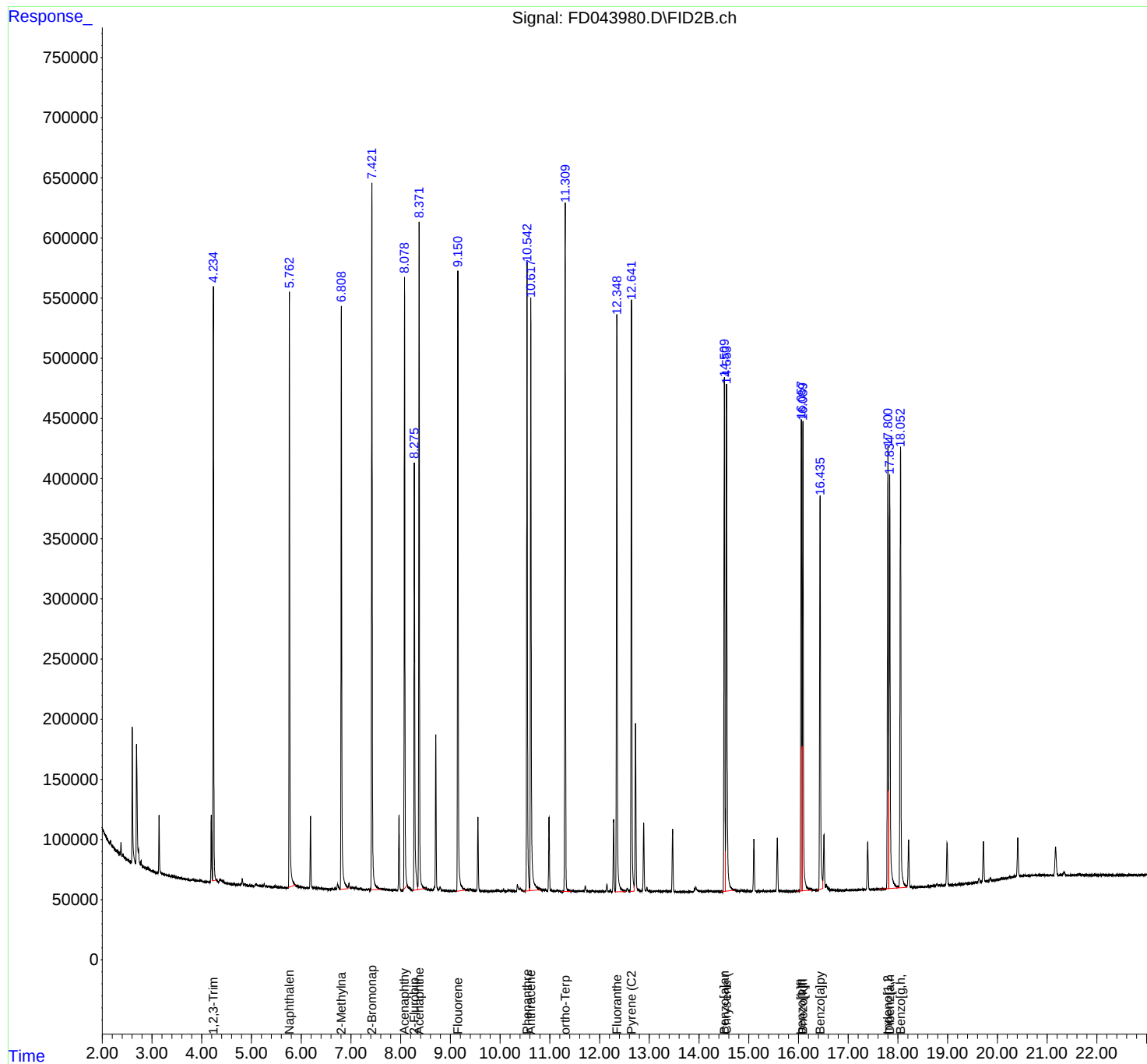
(m)=manual int.

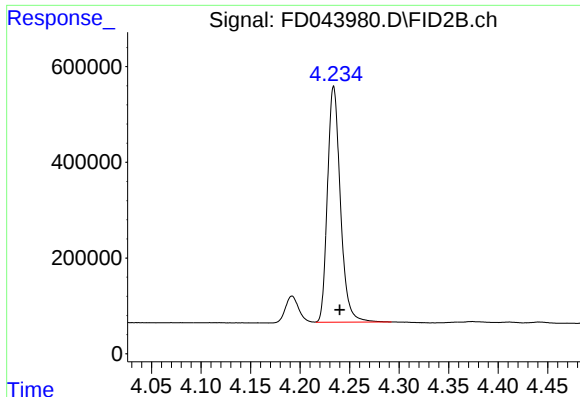
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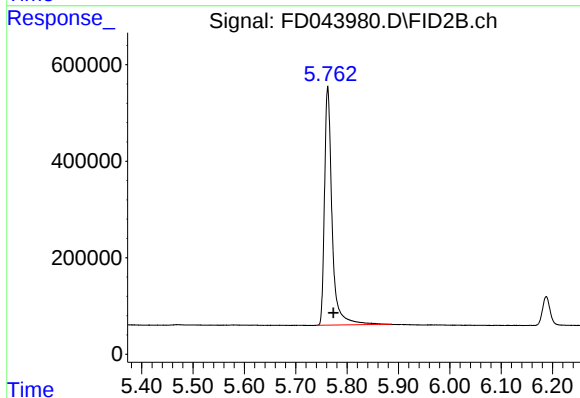




#1 1,2,3-Trimethylbenzene (C10.1)

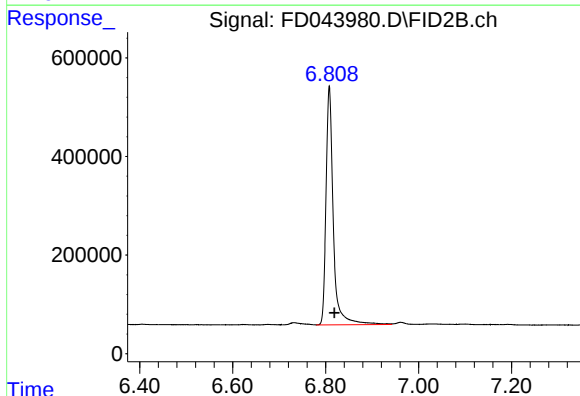
R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 4478641
Conc: 29.80 ug/ml

Instrument :
FID_D
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PB147947BS



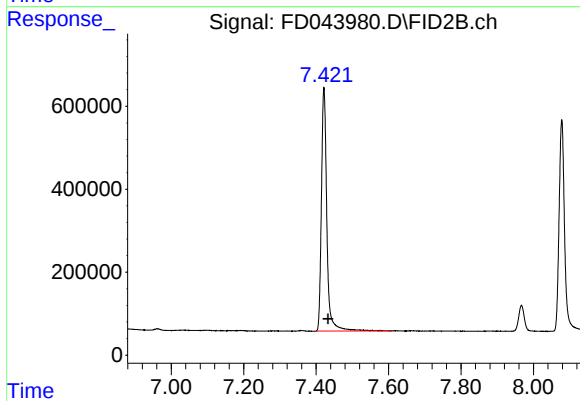
#2 Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.012 min
Response: 5052360
Conc: 35.48 ug/ml m



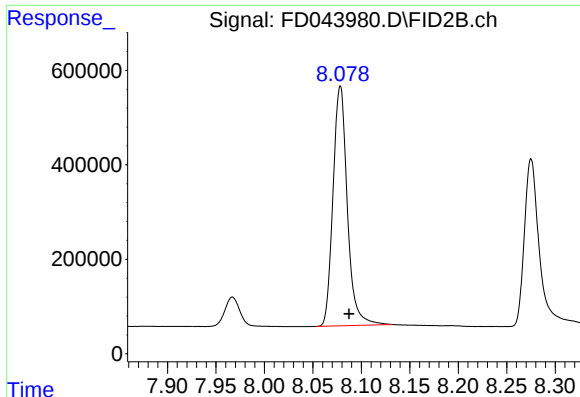
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.011 min
Response: 5281315
Conc: 36.10 ug/ml



#4 2-Bromonaphthalene (SURR)

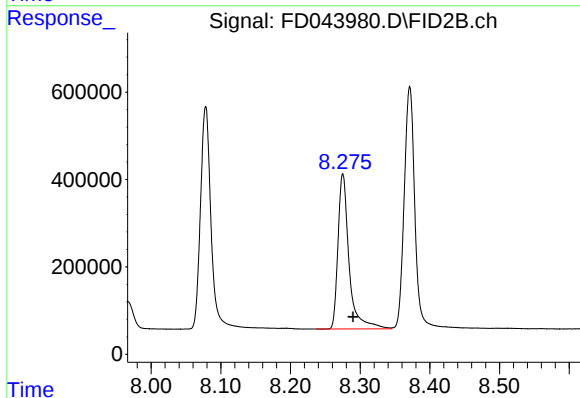
R.T.: 7.422 min
Delta R.T.: -0.011 min
Response: 6100816
Conc: 46.37 ug/ml



#5 Acenaphthylene (C15.06)

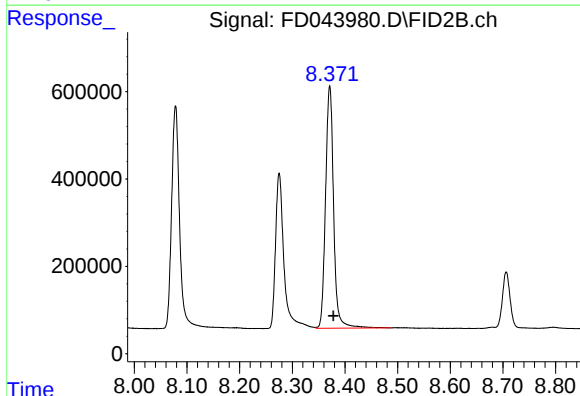
R.T.: 8.078 min
Delta R.T.: -0.010 min
Response: 5218045
Conc: 33.82 ug/ml

Instrument :
FID_D
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PB147947BS



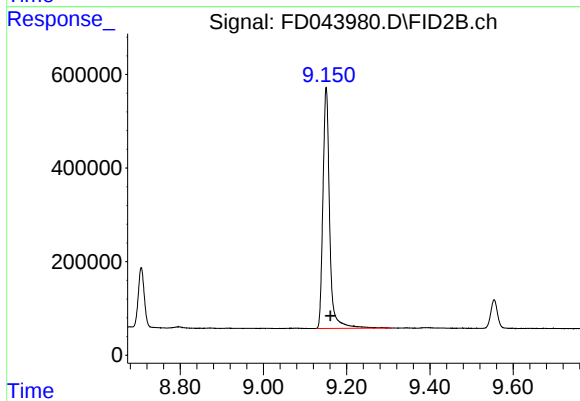
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.014 min
Response: 3922631
Conc: 54.38 ug/ml



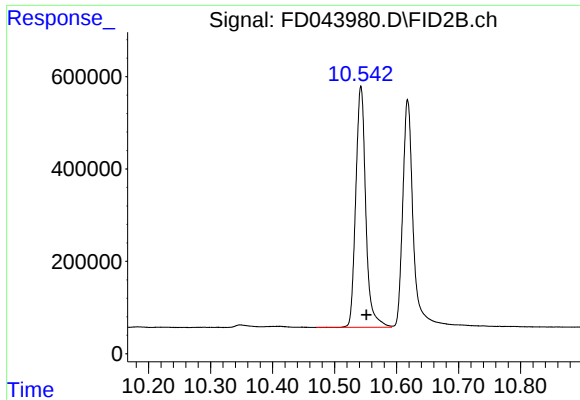
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: -0.007 min
Response: 5890996
Conc: 33.66 ug/ml



#8 Fluorene (C16.55)

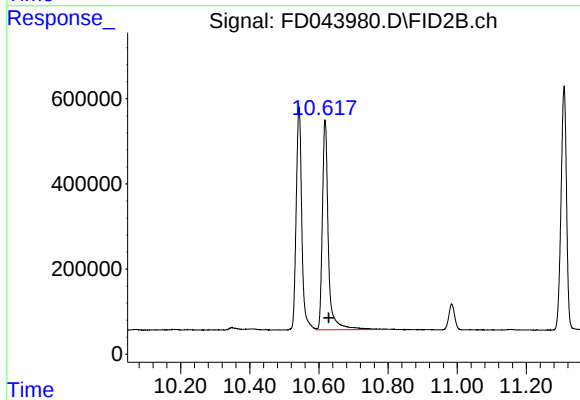
R.T.: 9.150 min
Delta R.T.: -0.010 min
Response: 5770780
Conc: 39.26 ug/ml m



#9 Phenanthrene (C19.36)

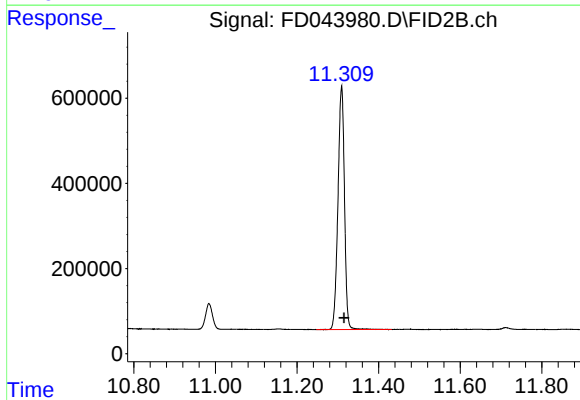
R.T.: 10.542 min
Delta R.T.: -0.009 min
Response: 5861891
Conc: 40.51 ug/ml

Instrument :
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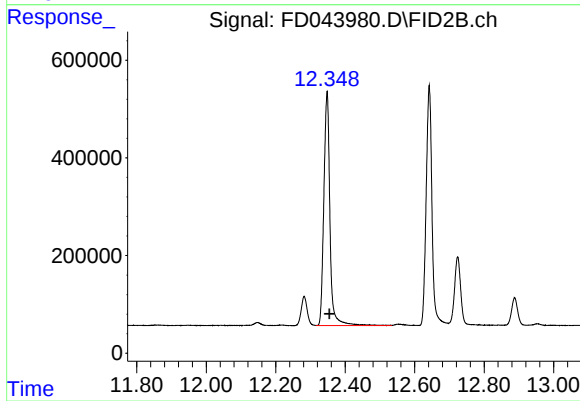
#10 Anthracene (C19.43)

R.T.: 10.618 min
Delta R.T.: -0.010 min
Response: 5941060
Conc: 40.48 ug/ml



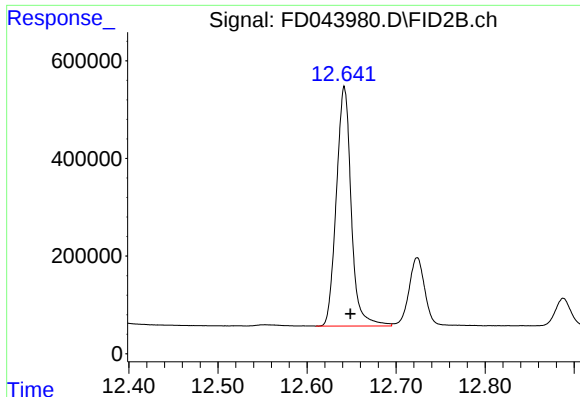
#11 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: -0.006 min
Response: 6327757
Conc: 33.97 ug/ml



#12 Fluoranthene (C21.85)

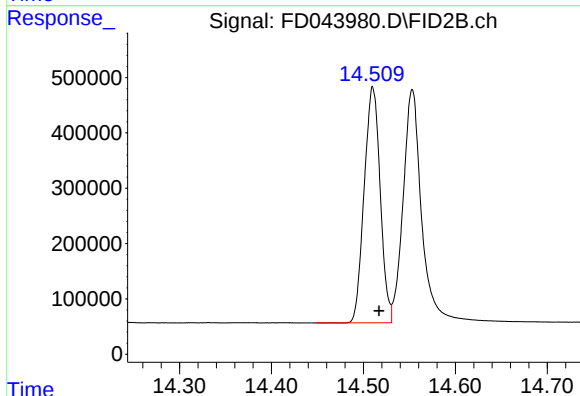
R.T.: 12.348 min
Delta R.T.: -0.008 min
Response: 5818019
Conc: 37.93 ug/ml



#13 Pyrene (C20.8)

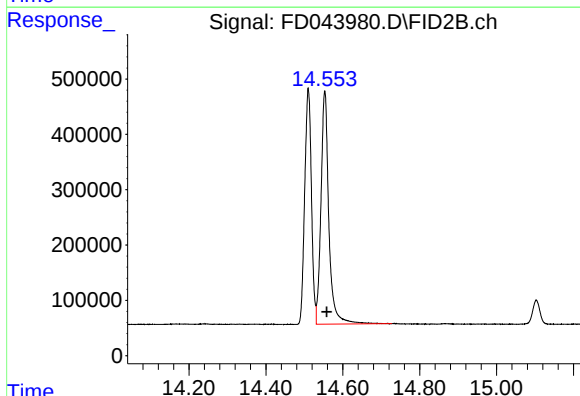
R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 5684478
Conc: 38.21 ug/ml

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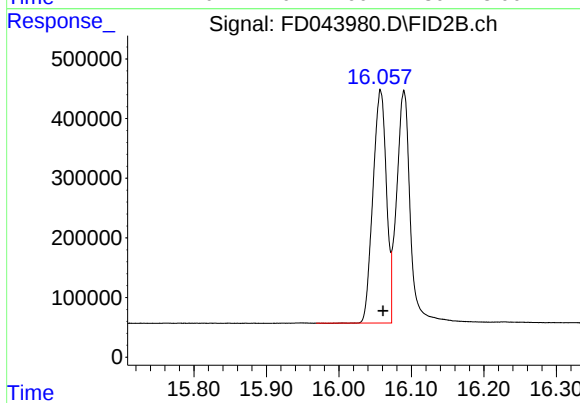
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.510 min
Delta R.T.: -0.007 min
Response: 5163940
Conc: 46.19 ug/ml



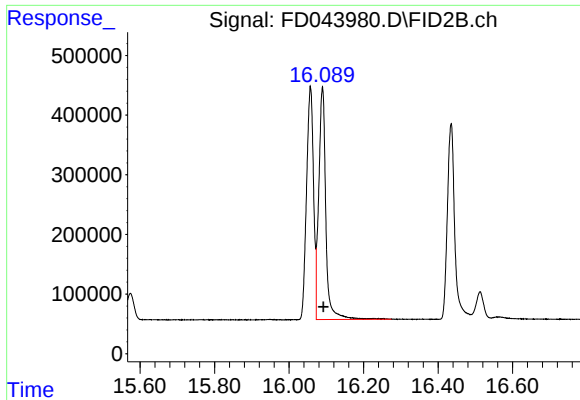
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.005 min
Response: 5982525
Conc: 38.28 ug/ml



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

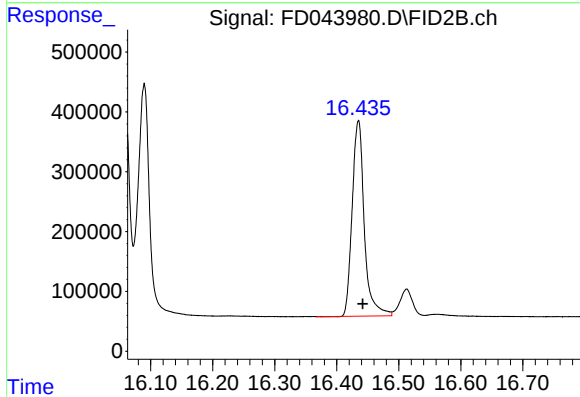
R.T.: 16.057 min
Delta R.T.: -0.004 min
Response: 5048779
Conc: 43.29 ug/ml



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

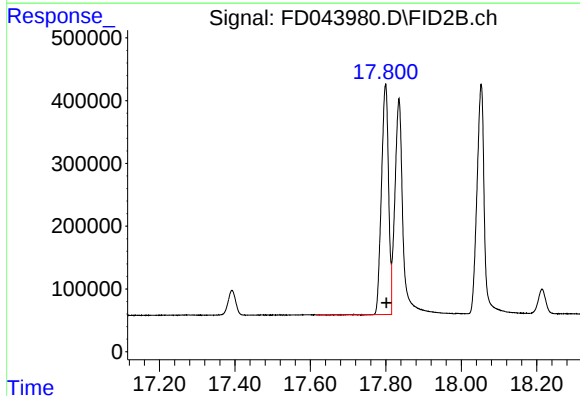
R.T.: 16.090 min
Delta R.T.: -0.003 min
Response: 5142584
Conc: 34.64 ug/ml

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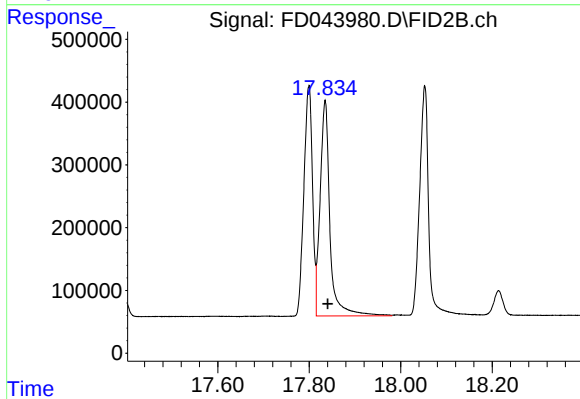
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.435 min
Delta R.T.: -0.007 min
Response: 4433345
Conc: 36.60 ug/ml



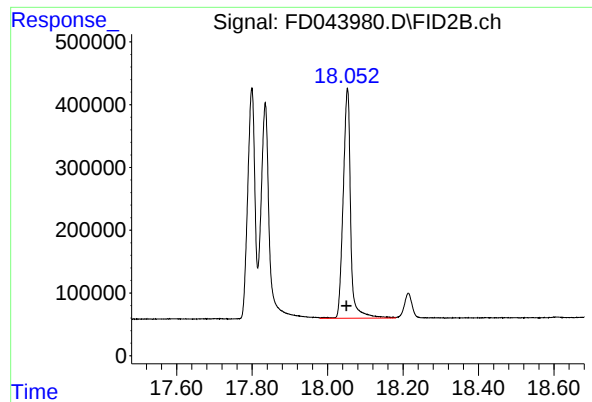
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: -0.002 min
Response: 4770245
Conc: 50.17 ug/ml



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

R.T.: 17.835 min
Delta R.T.: -0.006 min
Response: 5131997
Conc: 42.72 ug/ml



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

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 5023625
Conc: 44.08 ug/ml

Instrument :

FID_D

ClientSampleId :

PB147947BS