

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044072.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 12:05
 Operator : YP/AJ
 Sample : PB148190BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148190BSD

Integration File: autoint1.e
 Quant Time: Oct 11 05:58:51 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...	7.419	5329668	40.506 ug/ml
Spiked Amount 50.000		Recovery =	81.01%
6) S 2-Fluorobiphenyl (SURR)	8.275	3361974	46.605 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.21%
11) S ortho-Terphenyl (SURR)	11.303	5965494	32.022 ug/ml
Spiked Amount 50.000		Recovery =	64.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	4300511	28.616 ug/ml
2) T Naphthalene (C11.7)	5.761	4781558	33.579 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	4858605	33.212 ug/ml
5) T Acenaphthylene (C15.06)	8.075	5263415	34.110 ug/ml
7) T Acenaphthene (C15.5)	8.367	5942806	33.958 ug/ml
8) T Flouorene (C16.55)	9.148	5350852	36.405 ug/ml
9) T Phenanthrene (C19.36)	10.539	5836526	40.332 ug/ml
10) T Anthracene (C19.43)	10.615	5960939	40.618 ug/ml
12) T Fluoranthene (C21.85)	12.344	6123720	39.926 ug/ml
13) T Pyrene (C20.8)	12.638	5982009	40.213 ug/ml
14) T Benzo[a]anthracene (C...	14.507	5887612	52.667 ug/ml
15) T Chrysene (C27.41)	14.549	6957790	44.520 ug/ml
16) T benzo[b]fluoranthene ...	16.054	5914887	50.720 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	6174834	41.591 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	4883790	40.319 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	5284947	55.585 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	5826494	48.501 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	5624466	49.356 ug/ml

(f)=RT Delta > 1/2 Window

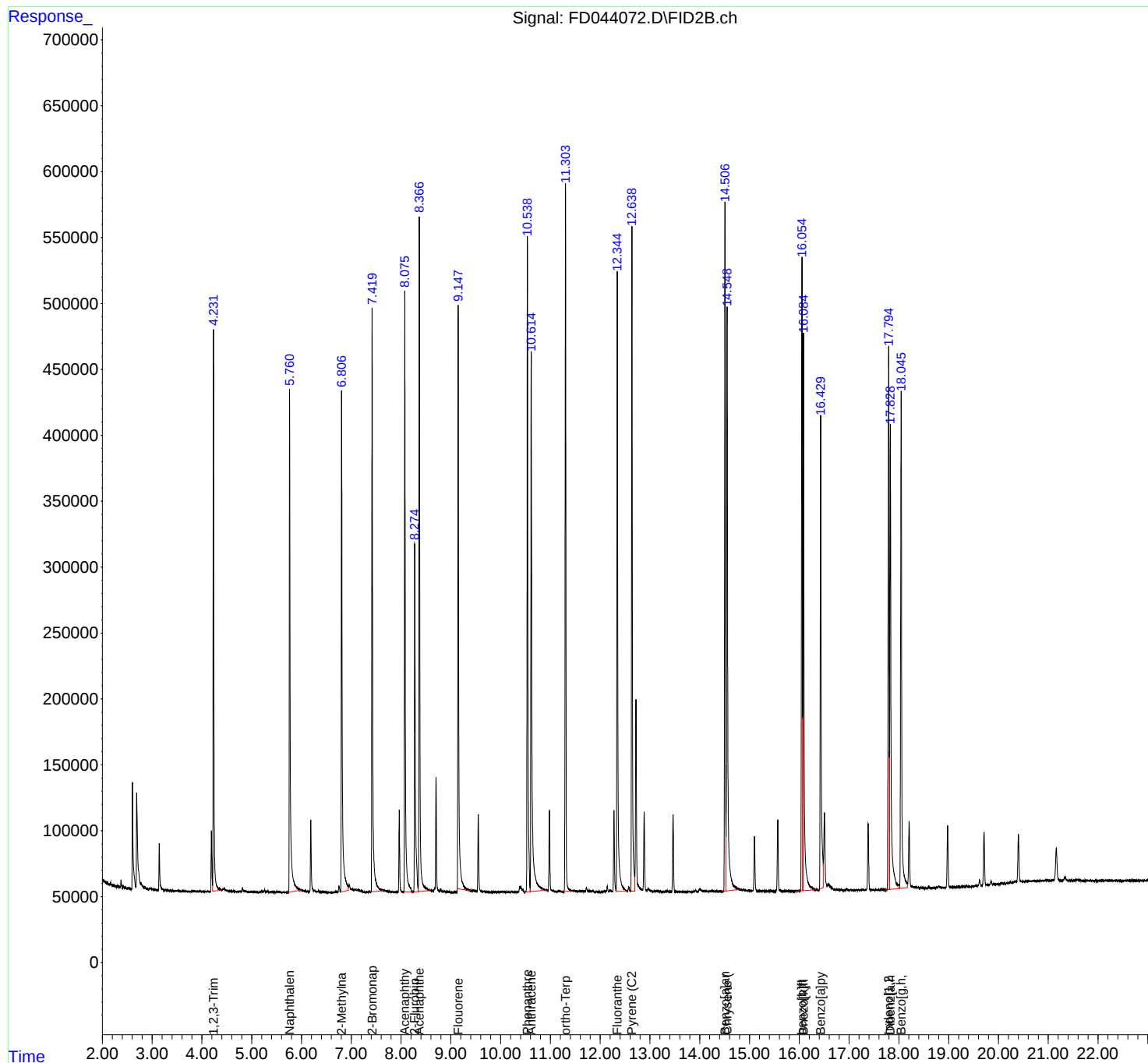
(m)=manual int.

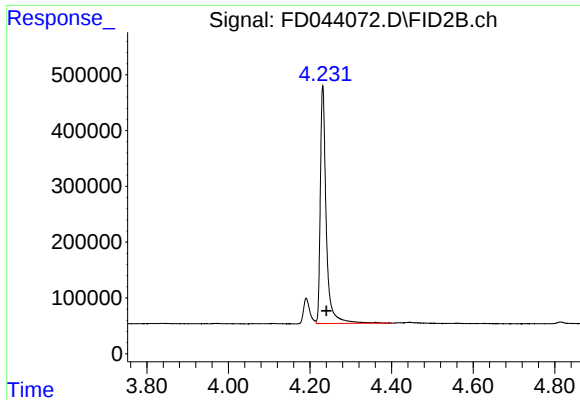
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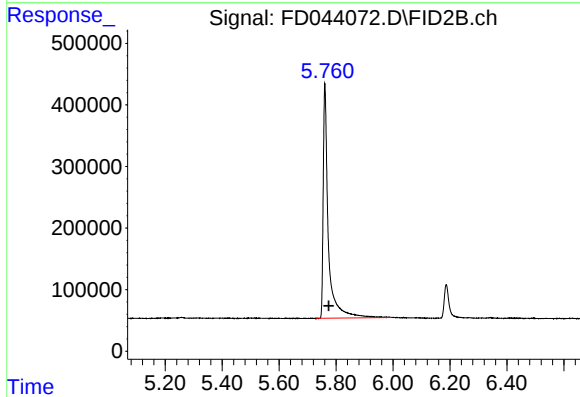




#1 1,2,3-Trimethylbenzene (C10.1)

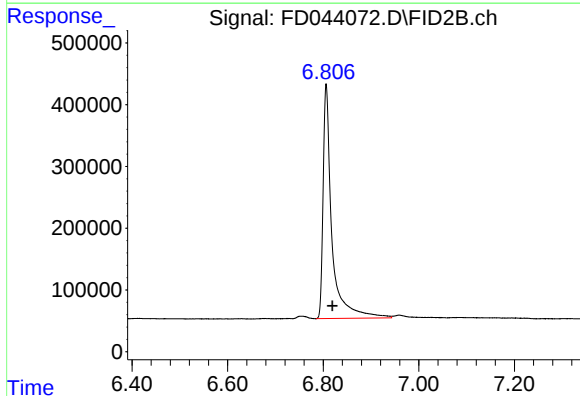
R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 4300511
Conc: 28.62 ug/ml

Instrument :
FID_D
ClientSampleId :
PB148190BSD



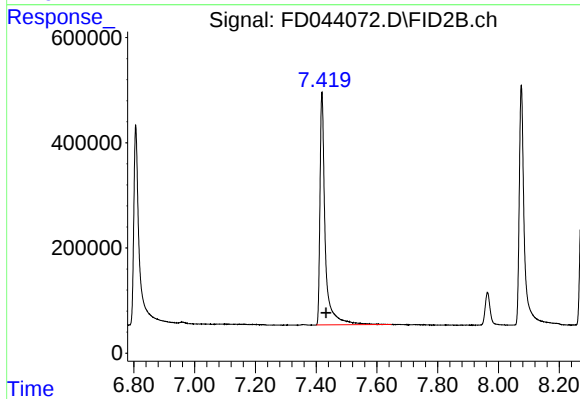
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: -0.013 min
Response: 4781558
Conc: 33.58 ug/ml



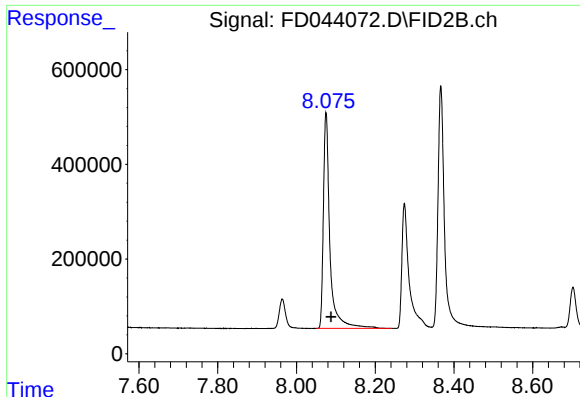
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.013 min
Response: 4858605
Conc: 33.21 ug/ml



#4 2-Bromonaphthalene (SURR)

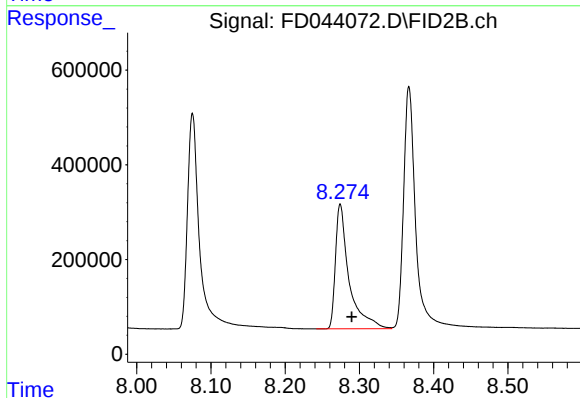
R.T.: 7.419 min
Delta R.T.: -0.013 min
Response: 5329668
Conc: 40.51 ug/ml



#5 Acenaphthylene (C15.06)

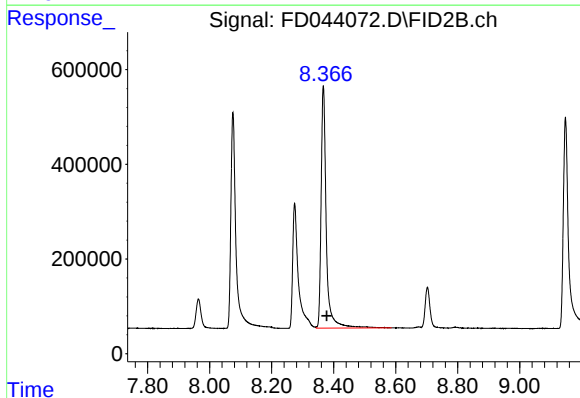
R.T.: 8.075 min
Delta R.T.: -0.012 min
Response: 5263415
Conc: 34.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB148190BSD



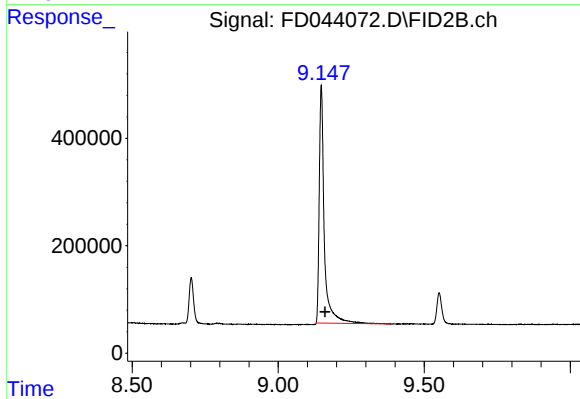
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.015 min
Response: 3361974
Conc: 46.60 ug/ml



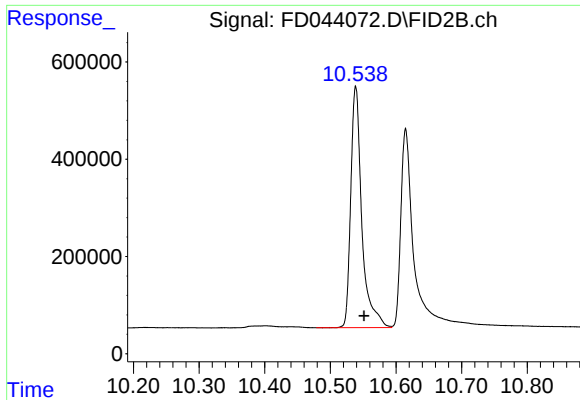
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: -0.011 min
Response: 5942806
Conc: 33.96 ug/ml



#8 Fluorene (C16.55)

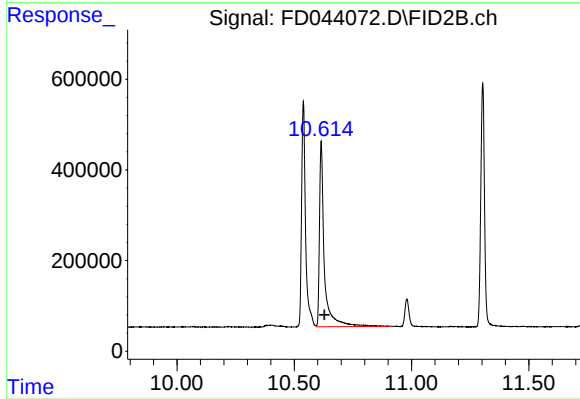
R.T.: 9.148 min
Delta R.T.: -0.013 min
Response: 5350852
Conc: 36.40 ug/ml



#9 Phenanthrene (C19.36)

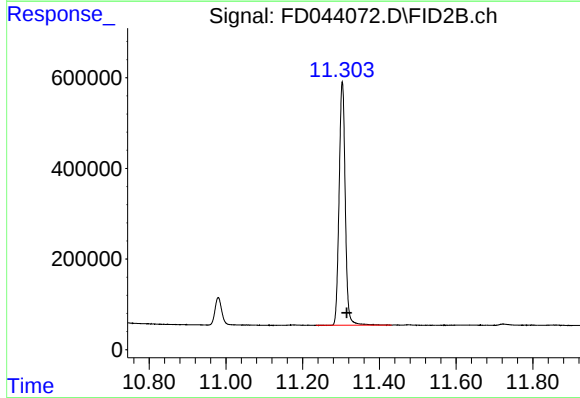
R.T.: 10.539 min
Delta R.T.: -0.012 min
Response: 5836526
Conc: 40.33 ug/ml

Instrument :
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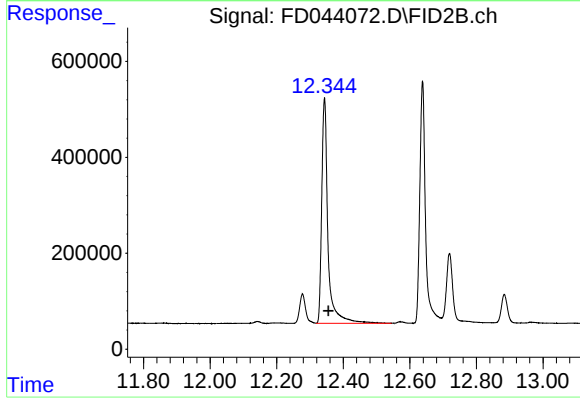
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.013 min
Response: 5960939
Conc: 40.62 ug/ml



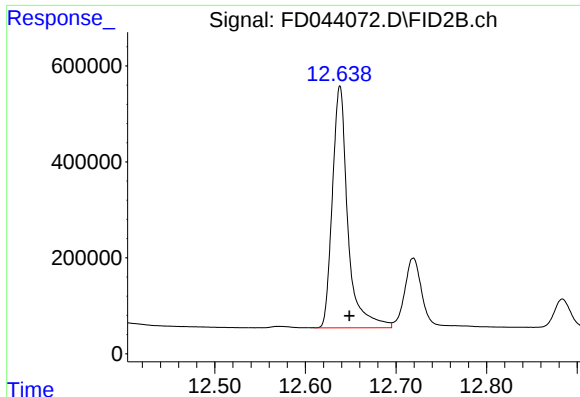
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.012 min
Response: 5965494
Conc: 32.02 ug/ml



#12 Fluoranthene (C21.85)

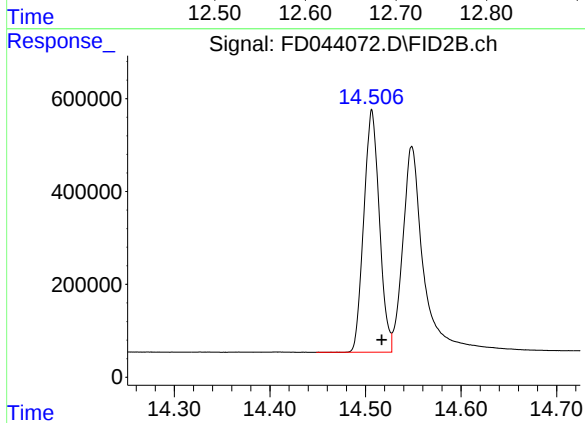
R.T.: 12.344 min
Delta R.T.: -0.012 min
Response: 6123720
Conc: 39.93 ug/ml



#13 Pyrene (C20.8)

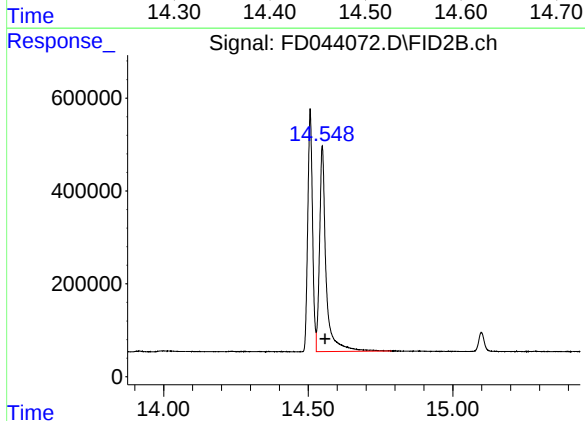
R.T.: 12.638 min
Delta R.T.: -0.011 min
Response: 5982009
Conc: 40.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB148190BSD



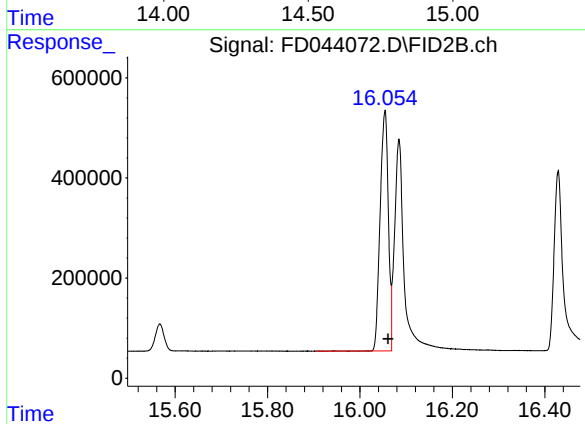
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 5887612
Conc: 52.67 ug/ml



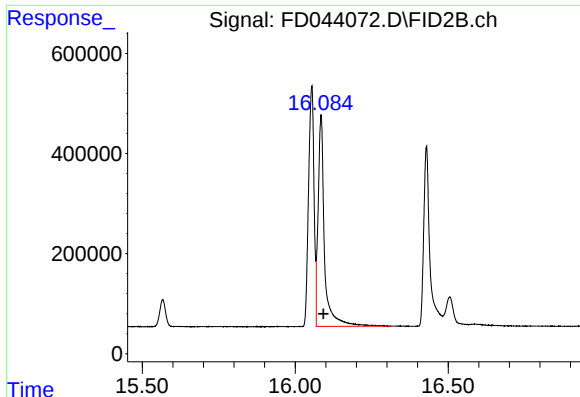
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: -0.010 min
Response: 6957790
Conc: 44.52 ug/ml



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

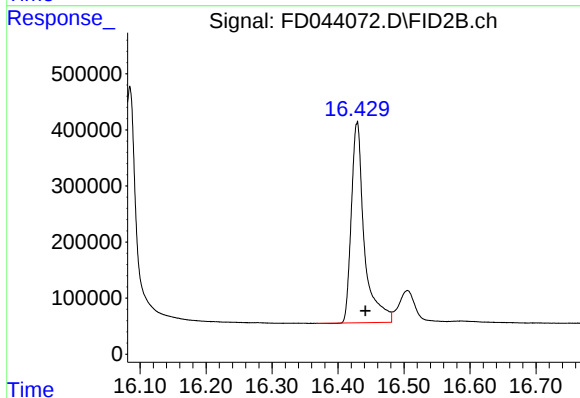
R.T.: 16.054 min
Delta R.T.: -0.007 min
Response: 5914887
Conc: 50.72 ug/ml



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

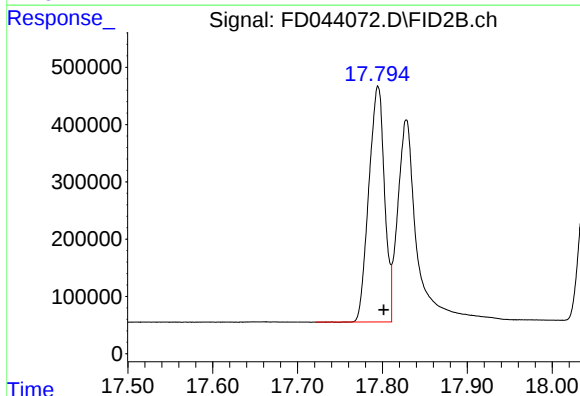
R.T.: 16.084 min
Delta R.T.: -0.008 min
Response: 6174834
Conc: 41.59 ug/ml

Instrument :
FID_D
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PB148190BSD



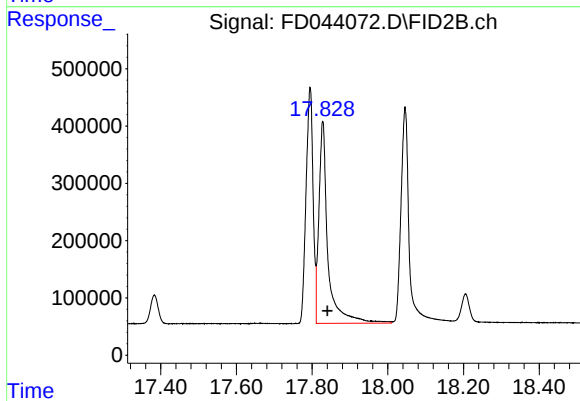
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.013 min
Response: 4883790
Conc: 40.32 ug/ml



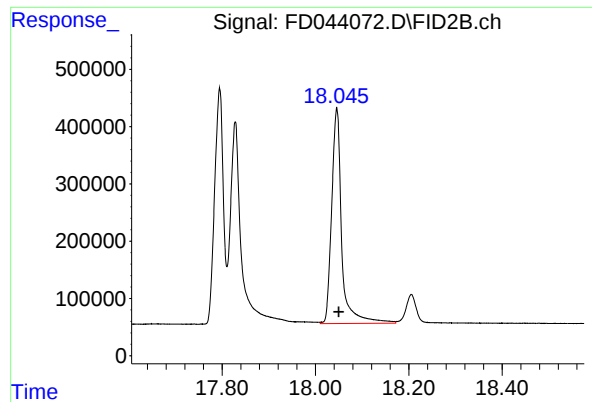
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.007 min
Response: 5284947
Conc: 55.58 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.013 min
Response: 5826494
Conc: 48.50 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 5624466
Conc: 49.36 ug/ml

Instrument :

FID_D

ClientSampleId :

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