

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046088.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 15:39
 Operator : YP/AJ
 Sample : PB154030BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154030BSD

Integration File: autoint1.e
 Quant Time: Jul 12 05:38:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.513	6806330	31.584 ug/ml
Spiked Amount 50.000		Recovery =	63.17%
6) S 2-Fluorobiphenyl (SURR)	8.368	4300916	31.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.15%
11) S ortho-Terphenyl (SURR)	11.408	8591049	33.887 ug/ml
Spiked Amount 50.000		Recovery =	67.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	5011622	20.118 ug/ml
2) T Naphthalene (C11.7)	5.851	5642523	22.117 ug/ml
3) T 2-Methylnaphthalene (...)	6.900	5638017	22.365 ug/ml
5) T Acenaphthylene (C15.06)	8.171	5961509	27.447 ug/ml
7) T Acenaphthene (C15.5)	8.467	6222883	26.399 ug/ml
8) T Flouorene (C16.55)	9.245	6048194	26.731 ug/ml
9) T Phenanthrene (C19.36)	10.635	5878839	27.552 ug/ml
10) T Anthracene (C19.43)	10.710	5807129	36.547 ug/ml
12) T Fluoranthene (C21.85)	12.440	5719105	27.945 ug/ml
13) T Pyrene (C20.8)	12.735	5730375	29.472 ug/ml
14) T Benzo[a]anthracene (C...	14.599	5418990	30.131 ug/ml
15) T Chrysene (C27.41)	14.643	5372808	27.374 ug/ml
16) T benzo[b]fluoranthene ...	16.143	5670886	30.236 ug/ml
17) T Bnezo[k]fluoranthene ...	16.177	5432080	27.461 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	4962634	28.483 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	5052178	27.147 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	5031779	27.368 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	5221733	27.946 ug/ml

(f)=RT Delta > 1/2 Window

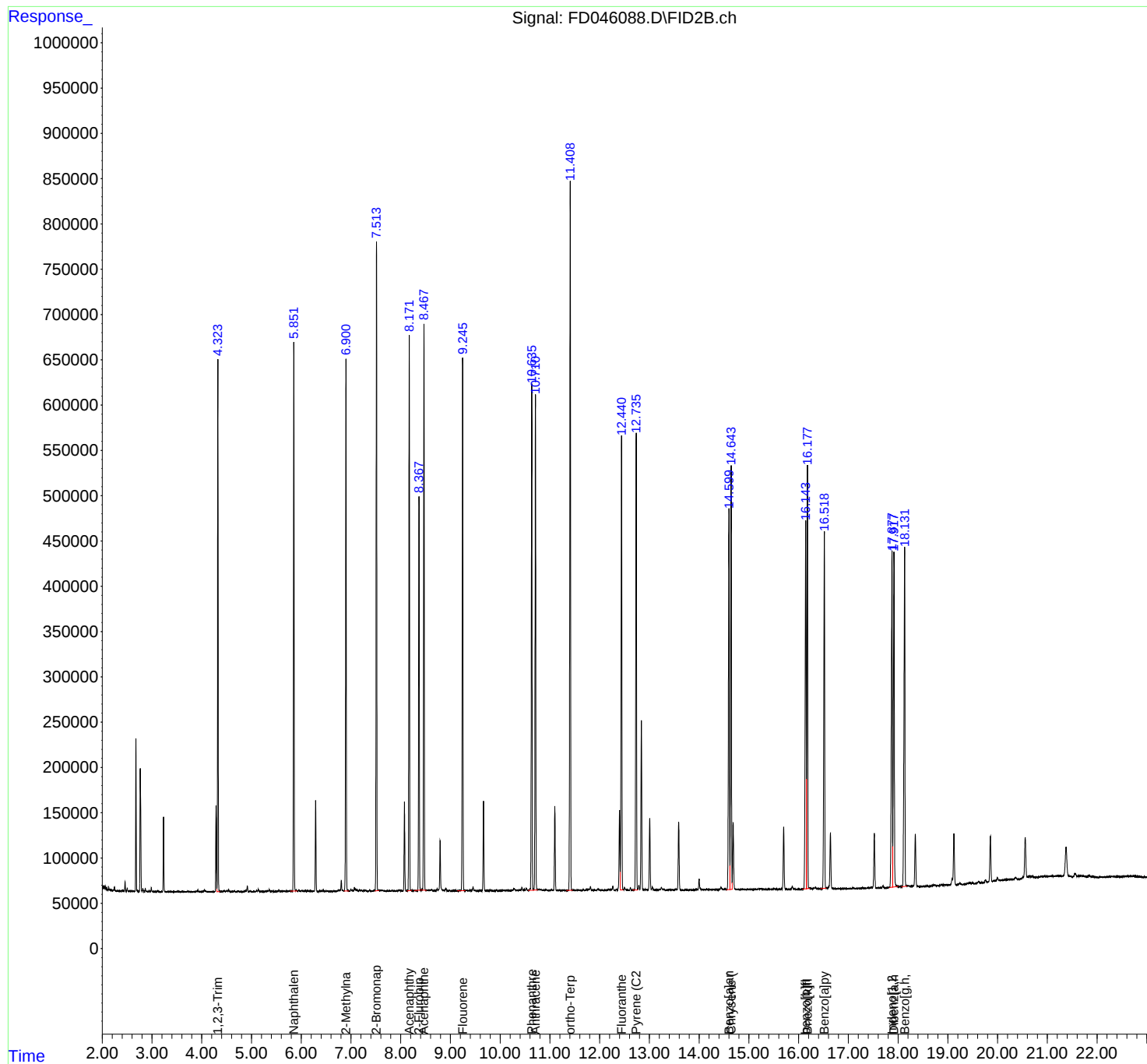
(m)=manual int.

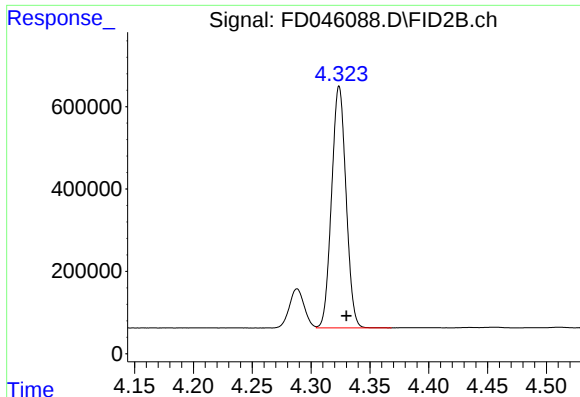
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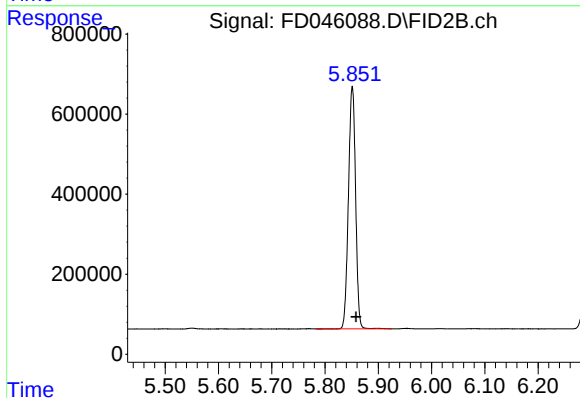




#1 1,2,3-Trimethylbenzene (C10.1)

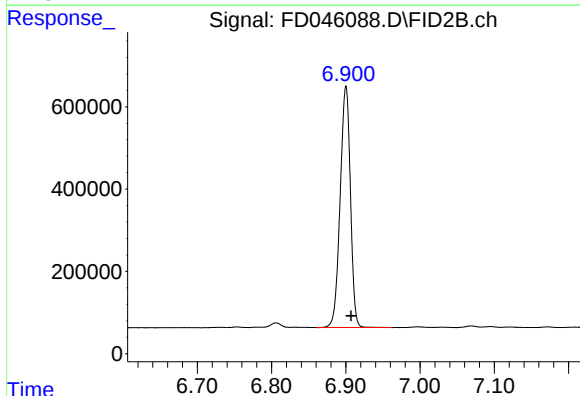
R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 5011622
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154030BSD



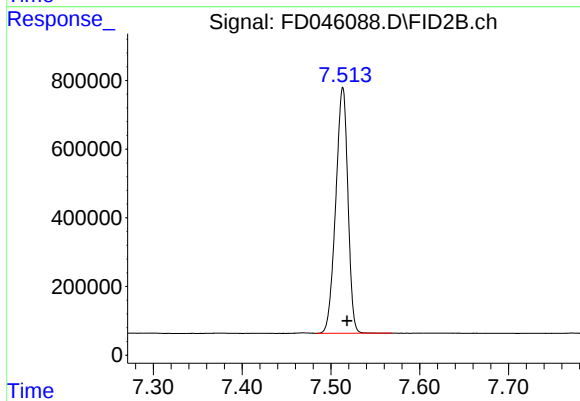
#2 Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.007 min
Response: 5642523
Conc: 22.12 ug/ml



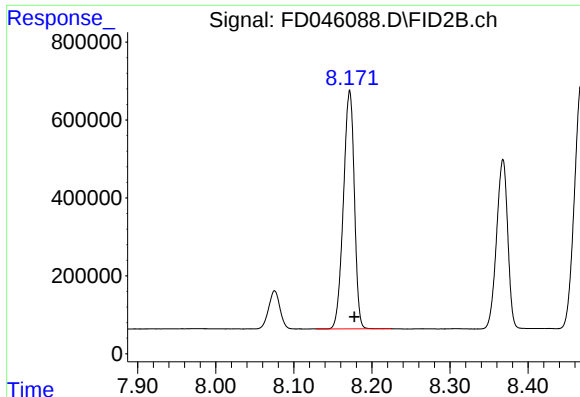
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 5638017
Conc: 22.36 ug/ml



#4 2-Bromonaphthalene (SURR)

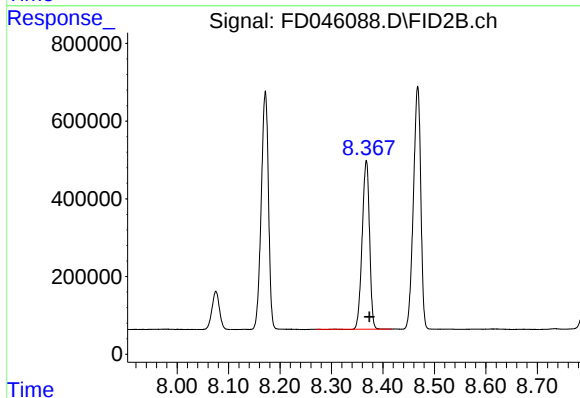
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 6806330
Conc: 31.58 ug/ml



#5 Acenaphthylene (C15.06)

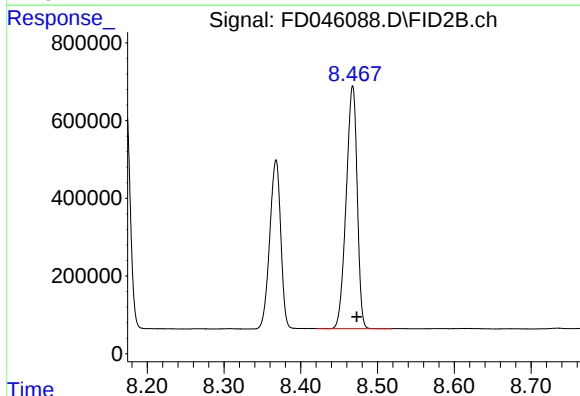
R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 5961509
Conc: 27.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154030BSD



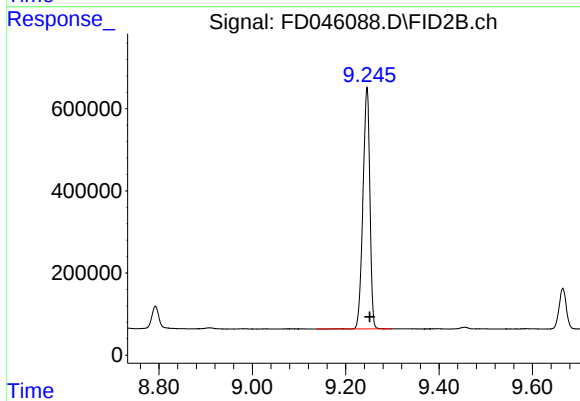
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.368 min
Delta R.T.: -0.006 min
Response: 4300916
Conc: 31.08 ug/ml



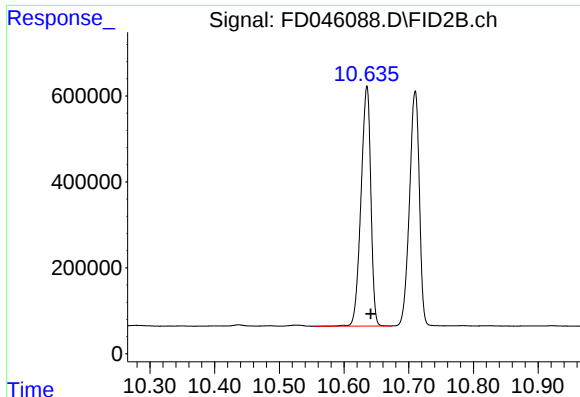
#7 Acenaphthene (C15.5)

R.T.: 8.467 min
Delta R.T.: -0.006 min
Response: 6222883
Conc: 26.40 ug/ml



#8 Fluorene (C16.55)

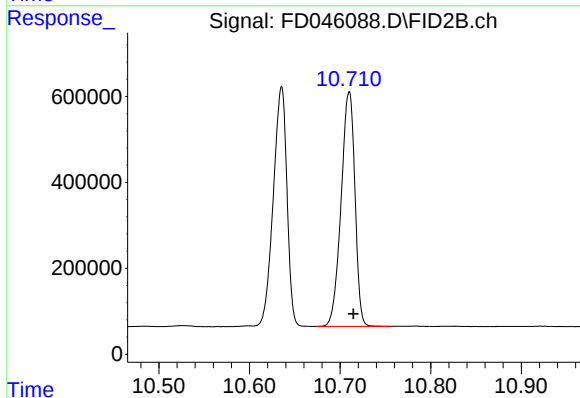
R.T.: 9.245 min
Delta R.T.: -0.006 min
Response: 6048194
Conc: 26.73 ug/ml



#9 Phenanthrene (C19.36)

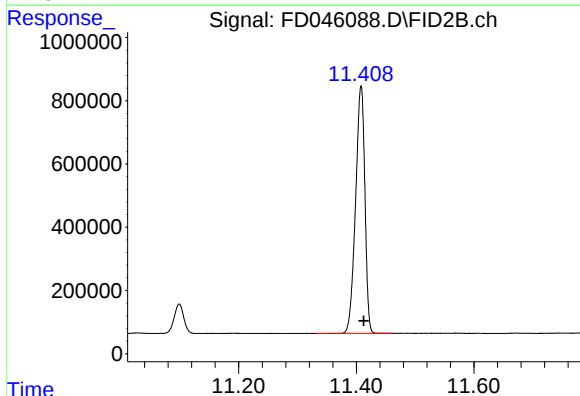
R.T.: 10.635 min
Delta R.T.: -0.007 min
Response: 5878839
Conc: 27.55 ug/ml

Instrument :
FID_D
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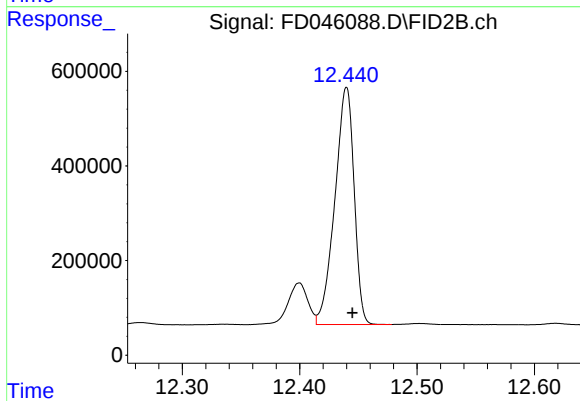
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: -0.005 min
Response: 5807129
Conc: 36.55 ug/ml



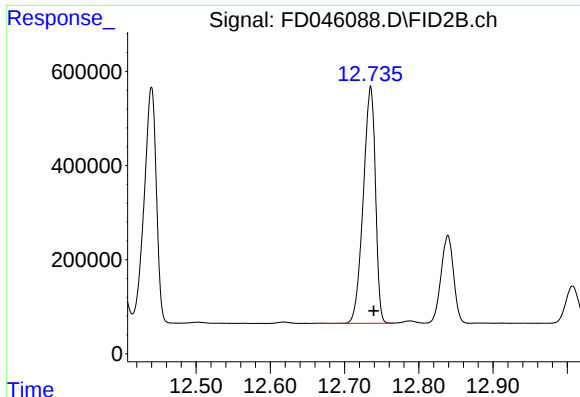
#11 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: -0.005 min
Response: 8591049
Conc: 33.89 ug/ml



#12 Fluoranthene (C21.85)

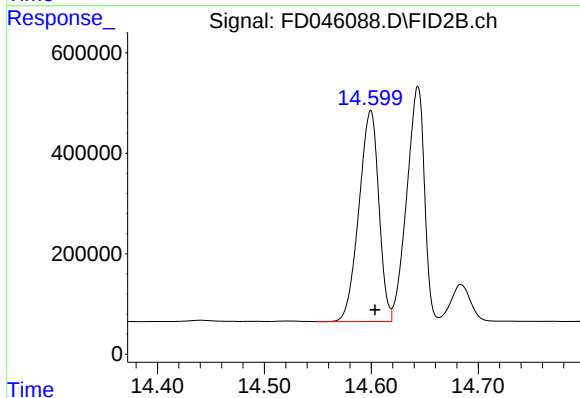
R.T.: 12.440 min
Delta R.T.: -0.005 min
Response: 5719105
Conc: 27.95 ug/ml



#13 Pyrene (C20.8)

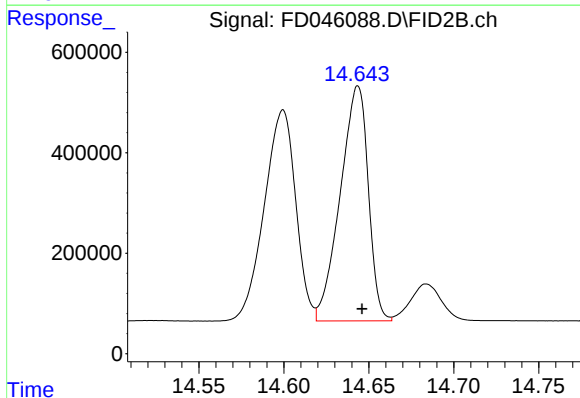
R.T.: 12.735 min
Delta R.T.: -0.004 min
Response: 5730375
Conc: 29.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154030BSD



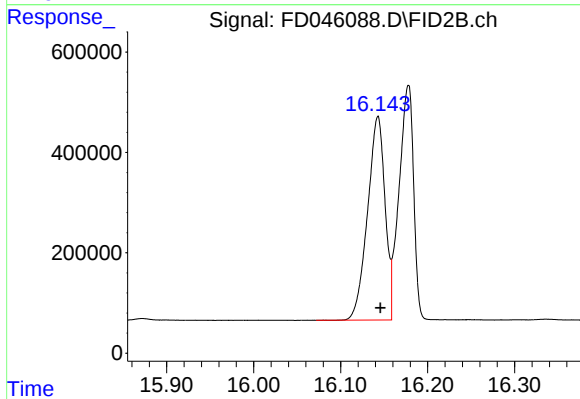
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: -0.004 min
Response: 5418990
Conc: 30.13 ug/ml



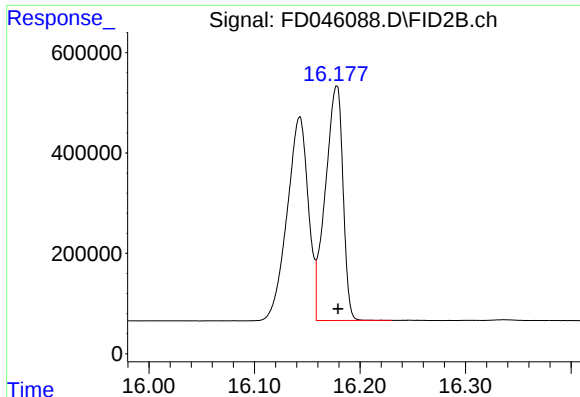
#15 Chrysene (C27.41)

R.T.: 14.643 min
Delta R.T.: -0.003 min
Response: 5372808
Conc: 27.37 ug/ml



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

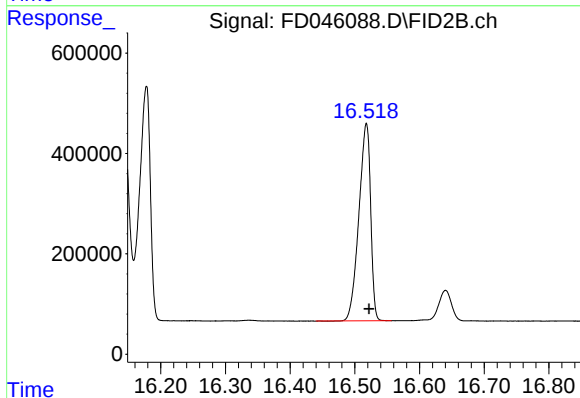
R.T.: 16.143 min
Delta R.T.: -0.003 min
Response: 5670886
Conc: 30.24 ug/ml



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

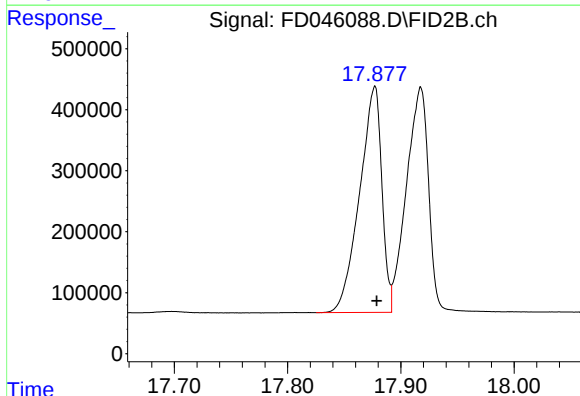
R.T.: 16.177 min
Delta R.T.: -0.002 min
Response: 5432080
Conc: 27.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154030BSD



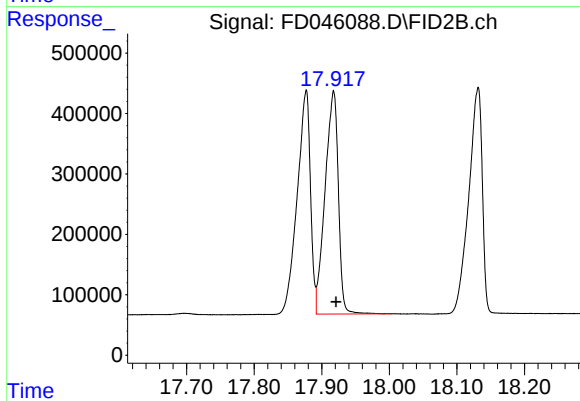
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: -0.005 min
Response: 4962634
Conc: 28.48 ug/ml



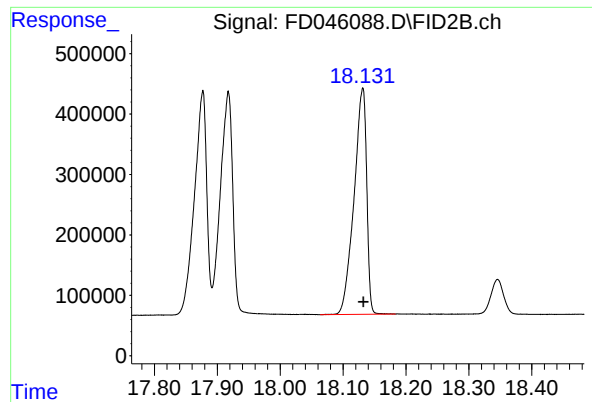
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.002 min
Response: 5052178
Conc: 27.15 ug/ml



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

R.T.: 17.917 min
Delta R.T.: -0.004 min
Response: 5031779
Conc: 27.37 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.002 min
Response: 5221733
Conc: 27.95 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154030BSD