

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046202.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 17:32
 Operator : YP/AJ
 Sample : PB154375BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154375BSD

Integration File: autoint1.e
 Quant Time: Jul 25 05:11:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.507	6563759	43.911 ug/ml
Spiked Amount 50.000		Recovery =	87.82%
6) S 2-Fluorobiphenyl (SURR)	8.361	2810332	30.021 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.04%
11) S ortho-Terphenyl (SURR)	11.399	6741837	38.604 ug/ml
Spiked Amount 50.000		Recovery =	77.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	4185473	22.972 ug/ml
2) T Naphthalene (C11.7)	5.846	5069810	28.070 ug/ml
3) T 2-Methylnaphthalene (...)	6.895	5502060	31.261 ug/ml
5) T Acenaphthylene (C15.06)	8.166	6271311	41.103 ug/ml
7) T Acenaphthene (C15.5)	8.462	6170532	37.842 ug/ml
8) T Flouorene (C16.55)	9.240	6896870	45.326 ug/ml
9) T Phenanthrene (C19.36)	10.630	6576556	45.672 ug/ml
10) T Anthracene (C19.43)	10.705	6354703	48.557 ug/ml
12) T Fluoranthene (C21.85)	12.435	6364234	45.546 ug/ml
13) T Pyrene (C20.8)	12.729	6270255	45.242 ug/ml
14) T Benzo[a]anthracene (C...	14.594	6134389	46.735 ug/ml
15) T Chrysene (C27.41)	14.638	6047957	42.893 ug/ml
16) T benzo[b]fluoranthene ...	16.138	6309454	46.134 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	6127087	44.700 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	5644682	43.358 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	6035853	50.184 ug/ml
20) T Dibenz[a,h]anthracene...	17.913	5735463	44.845 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	5884467	46.383 ug/ml

(f)=RT Delta > 1/2 Window

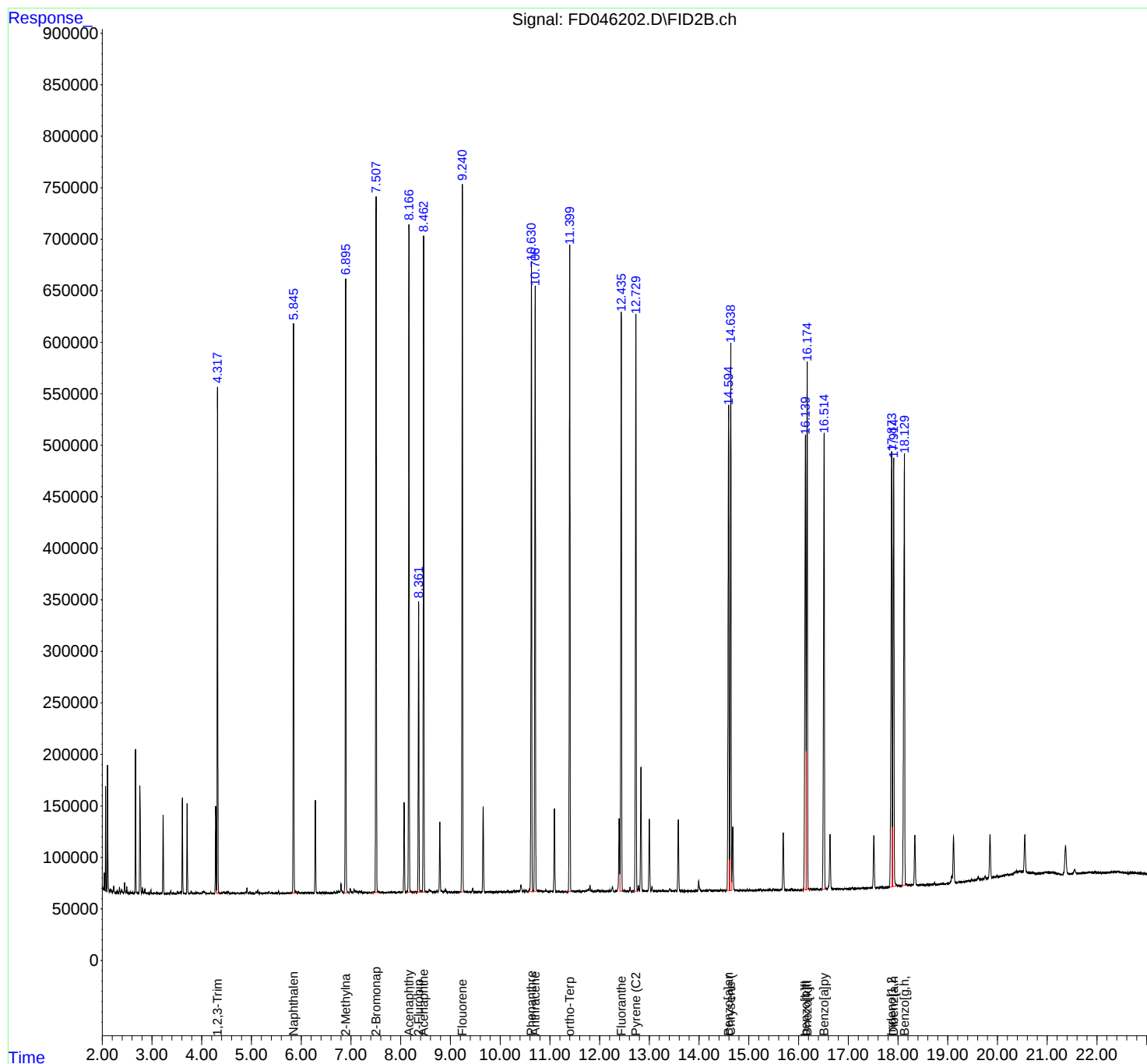
(m)=manual int.

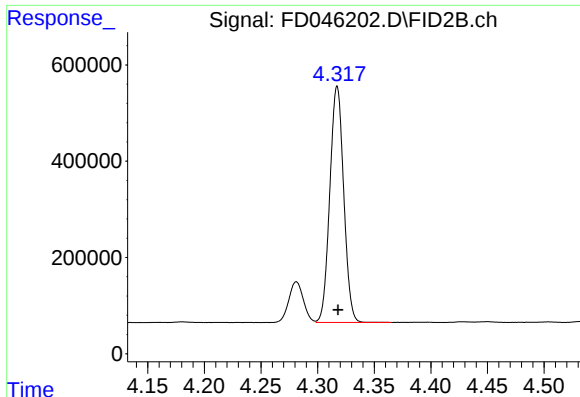
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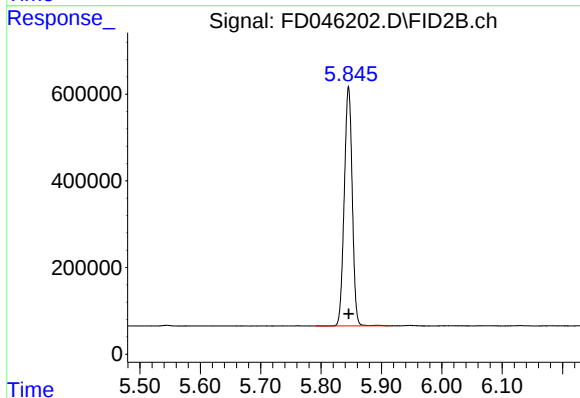




#1 1,2,3-Trimethylbenzene (C10.1)

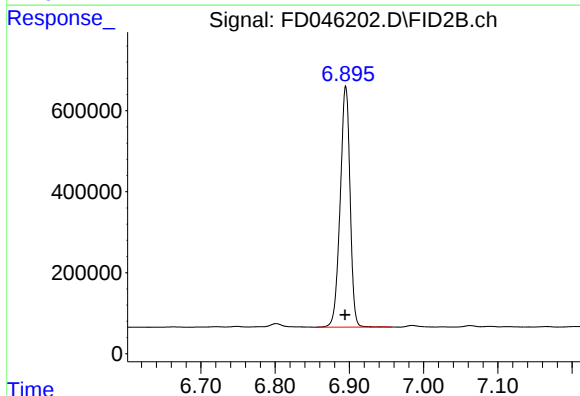
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 4185473
Conc: 22.97 ug/ml

Instrument :
FID_D
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PB154375BSD



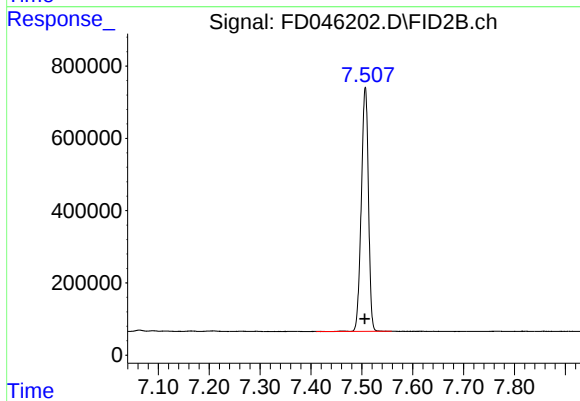
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 5069810
Conc: 28.07 ug/ml



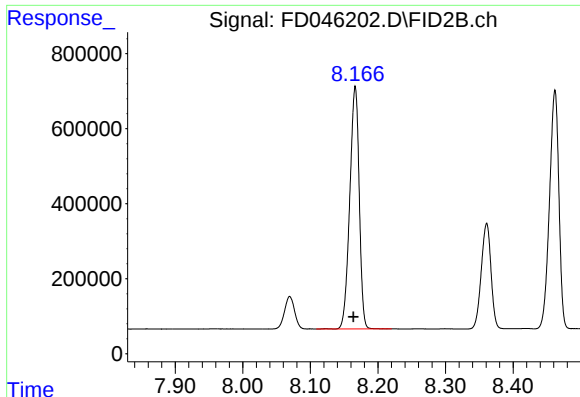
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 5502060
Conc: 31.26 ug/ml



#4 2-Bromonaphthalene (SURR)

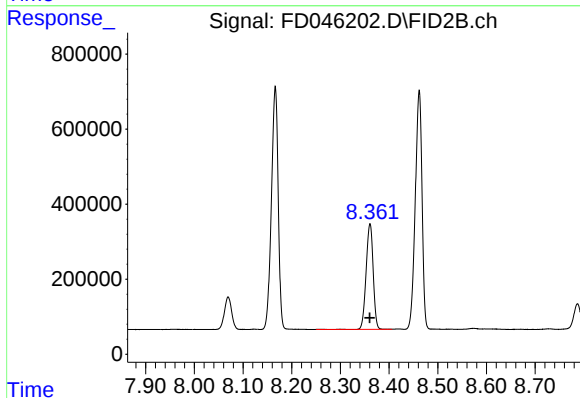
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 6563759
Conc: 43.91 ug/ml



#5 Acenaphthylene (C15.06)

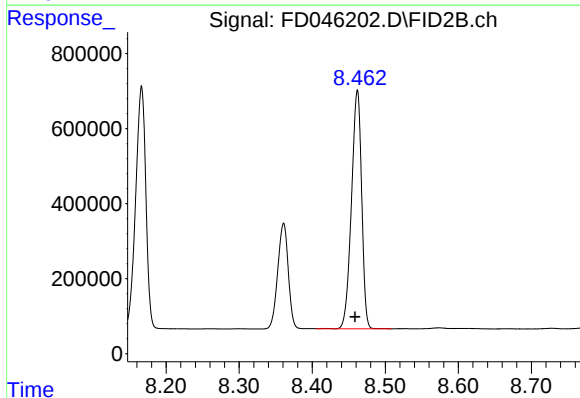
R.T.: 8.166 min
Delta R.T.: 0.002 min
Response: 6271311
Conc: 41.10 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154375BSD



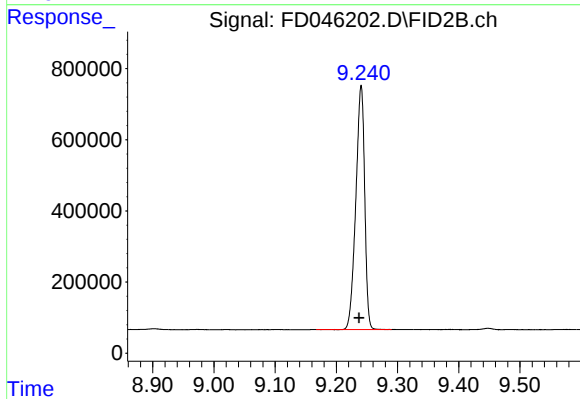
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 2810332
Conc: 30.02 ug/ml



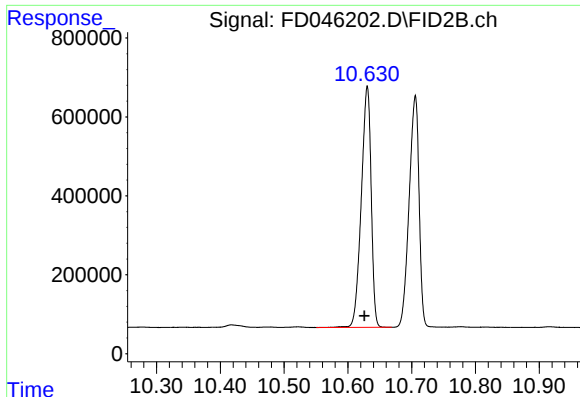
#7 Acenaphthene (C15.5)

R.T.: 8.462 min
Delta R.T.: 0.003 min
Response: 6170532
Conc: 37.84 ug/ml



#8 Fluorene (C16.55)

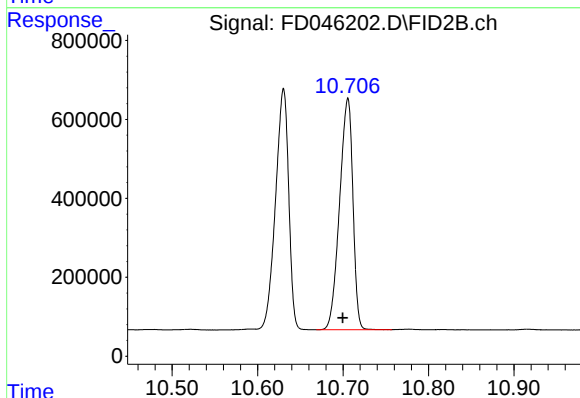
R.T.: 9.240 min
Delta R.T.: 0.003 min
Response: 6896870
Conc: 45.33 ug/ml



#9 Phenanthrene (C19.36)

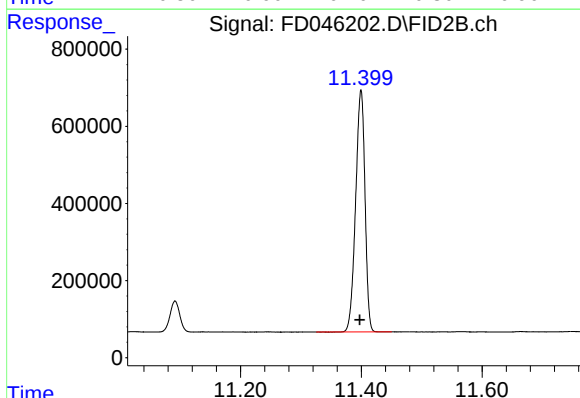
R.T.: 10.630 min
Delta R.T.: 0.004 min
Response: 6576556
Conc: 45.67 ug/ml

Instrument :
FID_D
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PB154375BSD



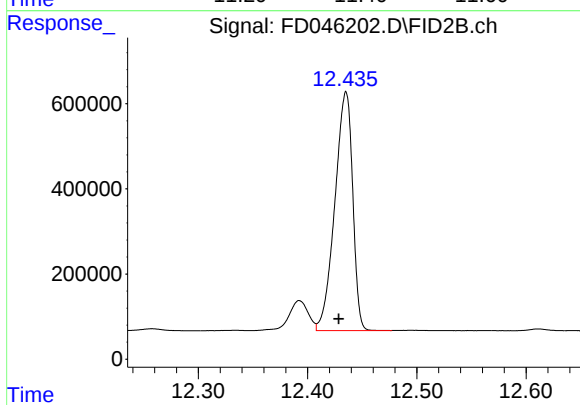
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: 0.005 min
Response: 6354703
Conc: 48.56 ug/ml



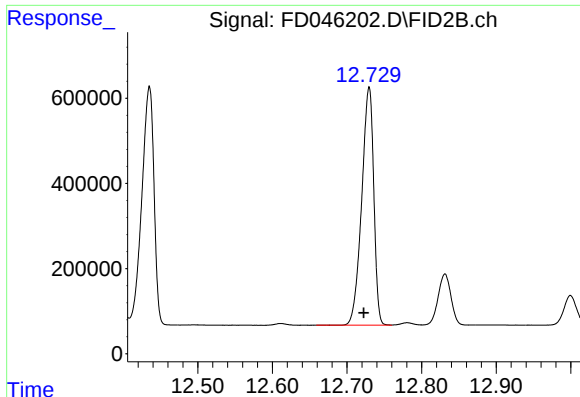
#11 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.002 min
Response: 6741837
Conc: 38.60 ug/ml



#12 Fluoranthene (C21.85)

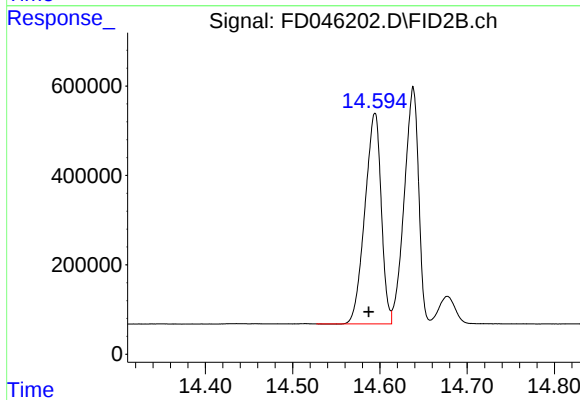
R.T.: 12.435 min
Delta R.T.: 0.006 min
Response: 6364234
Conc: 45.55 ug/ml



#13 Pyrene (C20.8)

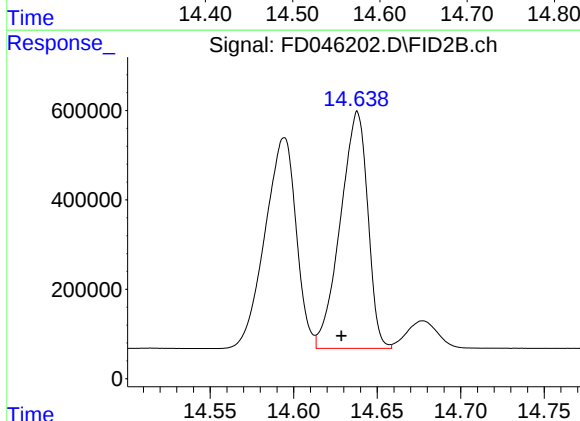
R.T.: 12.729 min
Delta R.T.: 0.007 min
Response: 6270255
Conc: 45.24 ug/ml

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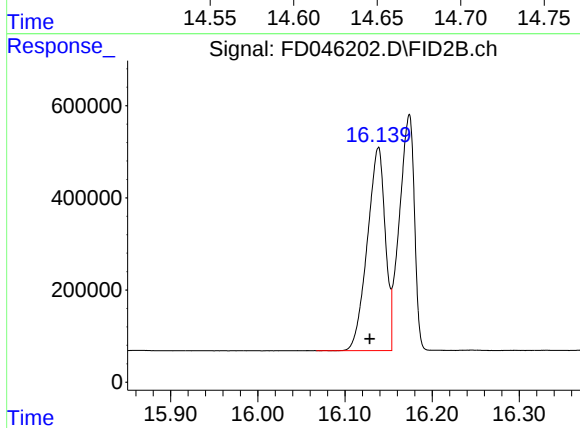
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 6134389
Conc: 46.73 ug/ml



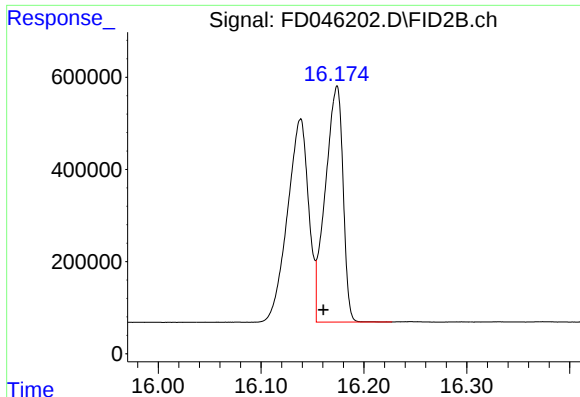
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: 0.009 min
Response: 6047957
Conc: 42.89 ug/ml



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

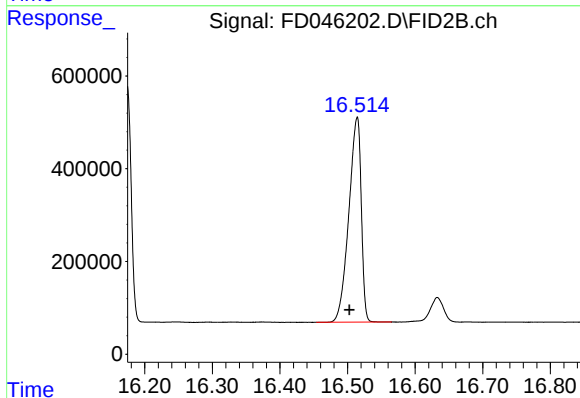
R.T.: 16.138 min
Delta R.T.: 0.009 min
Response: 6309454
Conc: 46.13 ug/ml



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

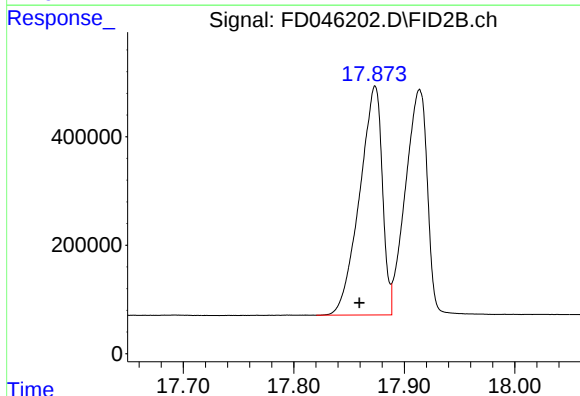
R.T.: 16.173 min
Delta R.T.: 0.012 min
Response: 6127087
Conc: 44.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154375BSD



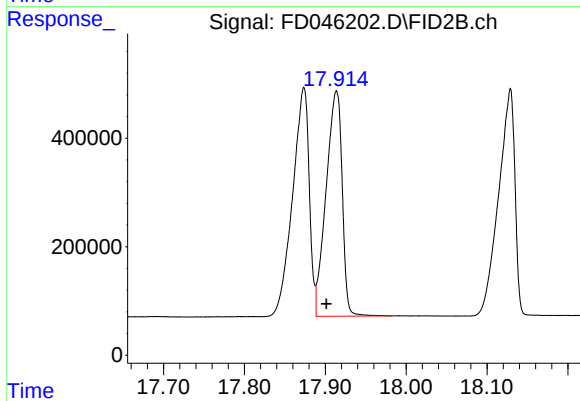
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: 0.010 min
Response: 5644682
Conc: 43.36 ug/ml



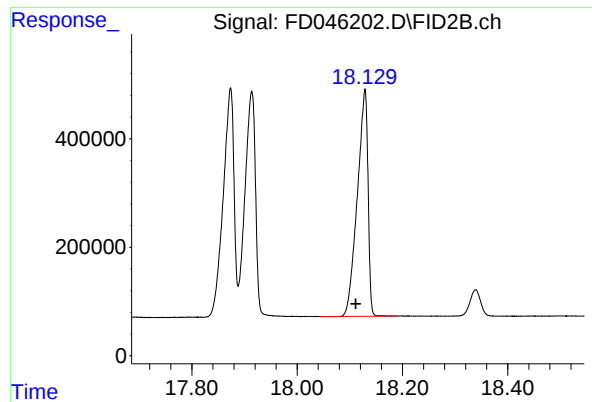
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: 0.014 min
Response: 6035853
Conc: 50.18 ug/ml



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

R.T.: 17.913 min
Delta R.T.: 0.012 min
Response: 5735463
Conc: 44.85 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.017 min
Response: 5884467
Conc: 46.38 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154375BSD