

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102023AR\
 Data File : FD046772.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2023 17:38
 Operator : YP/AJ
 Sample : PB156533BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156533BS

Integration File: autoint1.e
 Quant Time: Oct 21 00:40:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.488	8639424	46.540 ug/ml
Spiked Amount 50.000		Recovery =	93.08%
6) S 2-Fluorobiphenyl (SURR)	8.341	4737135	39.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.19%
11) S ortho-Terphenyl (SURR)	11.381	9479312	43.814 ug/ml
Spiked Amount 50.000		Recovery =	87.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	5355500	27.580 ug/ml
2) T Naphthalene (C11.7)	5.826	6159199	30.445 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	6421418	31.437 ug/ml
5) T Acenaphthylene (C15.06)	8.145	6922045	37.499 ug/ml
7) T Acenaphthene (C15.5)	8.440	7048830	35.458 ug/ml
8) T Flouorene (C16.55)	9.219	7466415	39.225 ug/ml
9) T Phenanthrene (C19.36)	10.609	7678093	41.656 ug/ml
10) T Anthracene (C19.43)	10.684	7500771	57.374 ug/ml
12) T Fluoranthene (C21.85)	12.414	7768531	42.639 ug/ml
13) T Pyrene (C20.8)	12.708	7712246	43.979 ug/ml
14) T Benzo[a]anthracene (C...	14.572	6927297	47.303 ug/ml
15) T Chrysene (C27.41)	14.616	6901435	42.896 ug/ml
16) T benzo[b]fluoranthene ...	16.115	6693019	44.792 ug/ml
17) T Bnezo[k]fluoranthene ...	16.150	6537961	43.461 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	6036358	42.684 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	6265365	46.214 ug/ml
20) T Dibenz[a,h]anthracene...	17.889	5914765	41.861 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	6097897	43.349 ug/ml

(f)=RT Delta > 1/2 Window

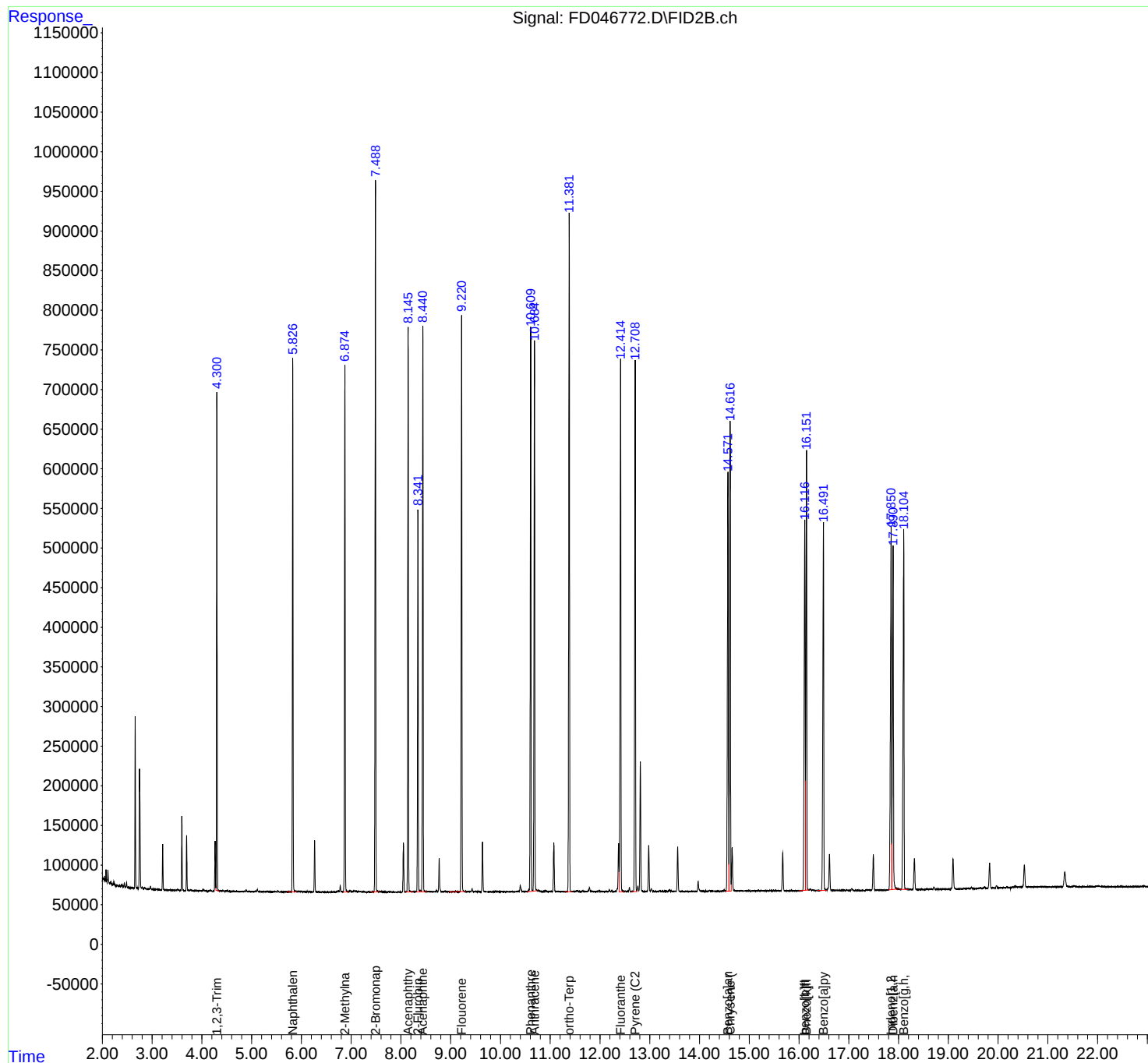
(m)=manual int.

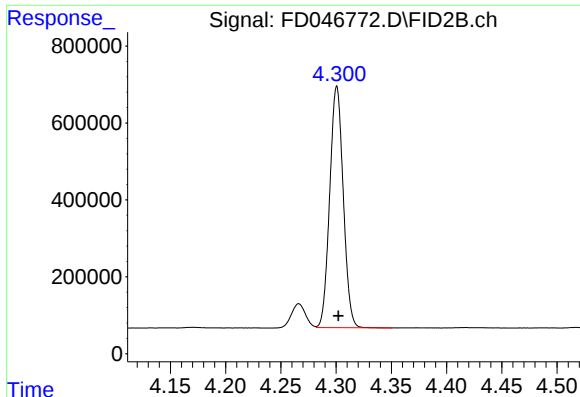
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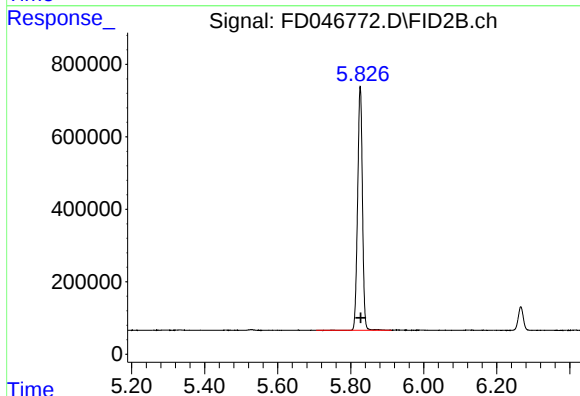




#1 1,2,3-Trimethylbenzene (C10.1)

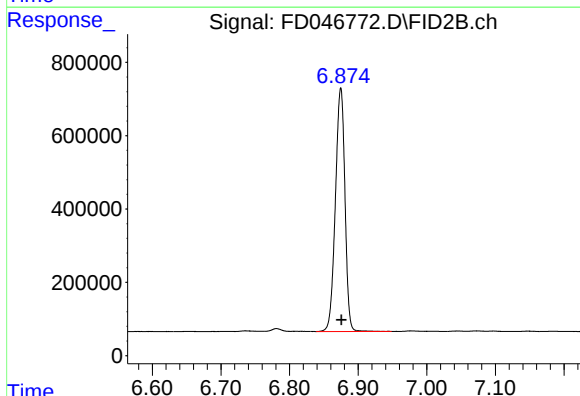
R.T.: 4.301 min
Delta R.T.: -0.001 min
Response: 5355500
Conc: 27.58 ug/ml

Instrument :
FID_D
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PB156533BS



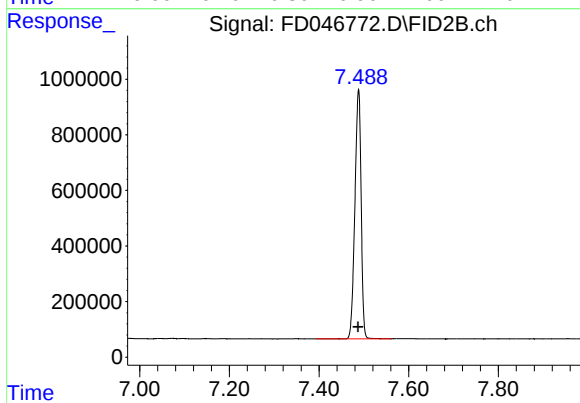
#2 Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.001 min
Response: 6159199
Conc: 30.45 ug/ml



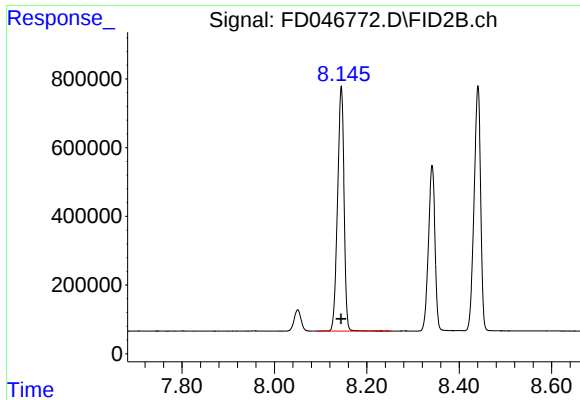
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 6421418
Conc: 31.44 ug/ml



#4 2-Bromonaphthalene (SURR)

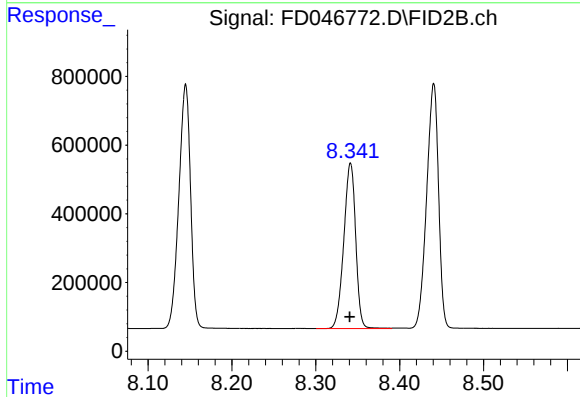
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 8639424
Conc: 46.54 ug/ml



#5 Acenaphthylene (C15.06)

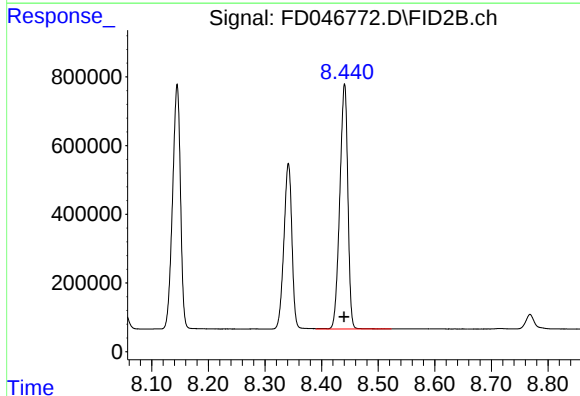
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 6922045
Conc: 37.50 ug/ml

Instrument :
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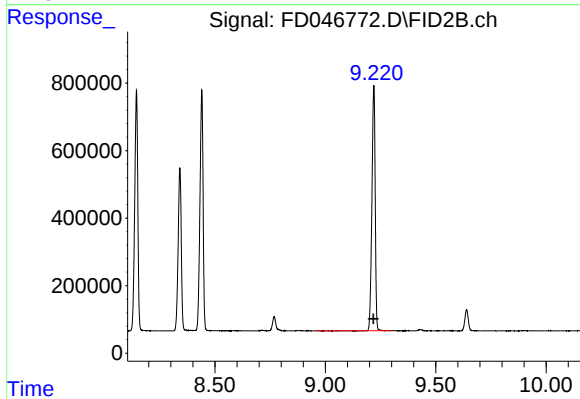
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 4737135
Conc: 39.10 ug/ml



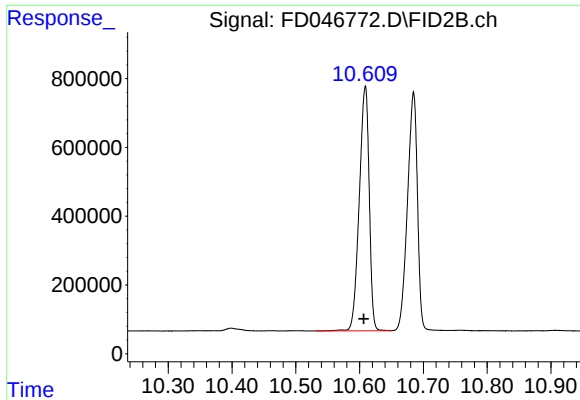
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 7048830
Conc: 35.46 ug/ml



#8 Fluorene (C16.55)

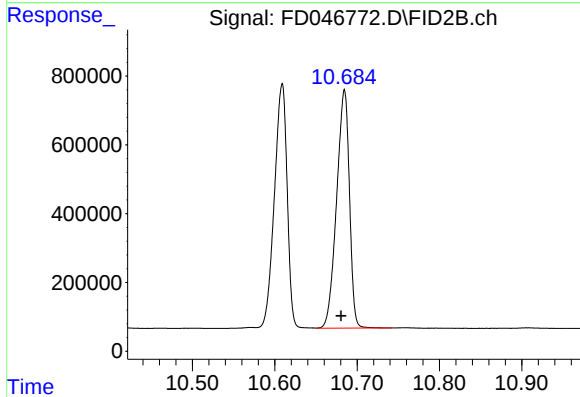
R.T.: 9.219 min
Delta R.T.: 0.001 min
Response: 7466415
Conc: 39.22 ug/ml



#9 Phenanthrene (C19.36)

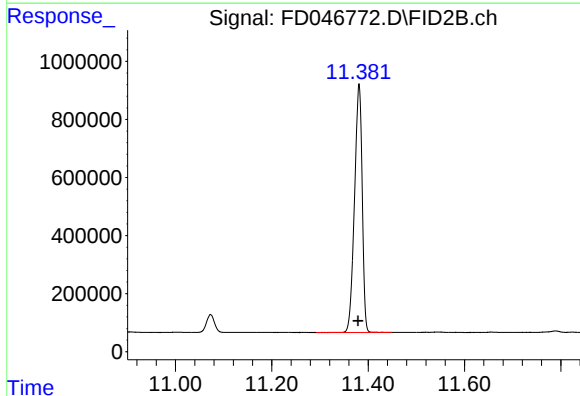
R.T.: 10.609 min
Delta R.T.: 0.002 min
Response: 7678093
Conc: 41.66 ug/ml

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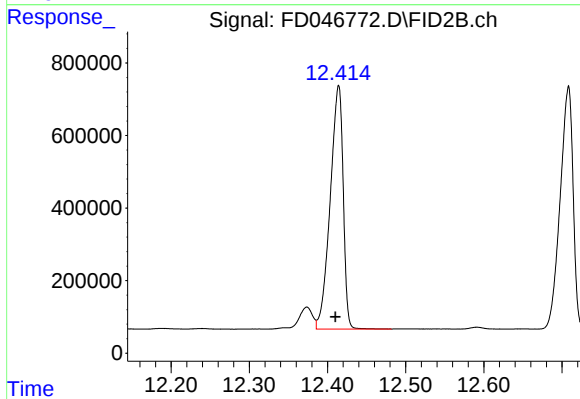
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.004 min
Response: 7500771
Conc: 57.37 ug/ml



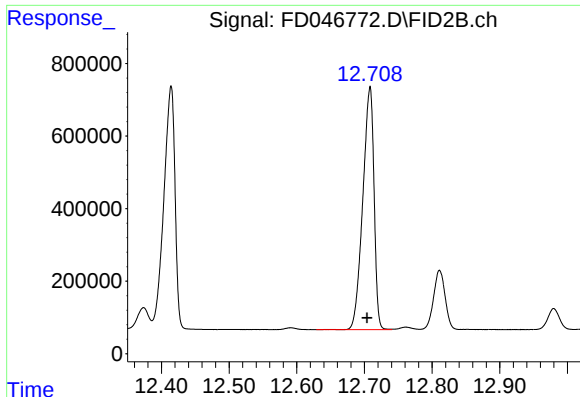
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.002 min
Response: 9479312
Conc: 43.81 ug/ml



#12 Fluoranthene (C21.85)

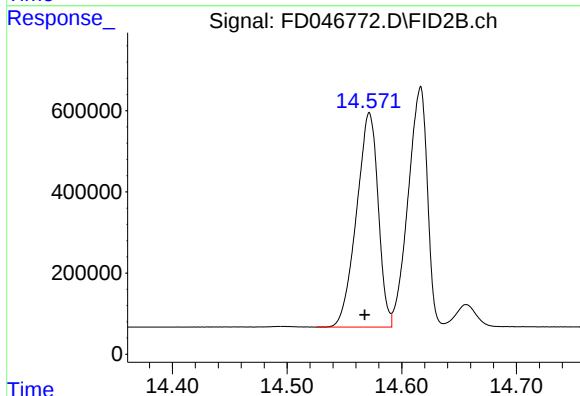
R.T.: 12.414 min
Delta R.T.: 0.004 min
Response: 7768531
Conc: 42.64 ug/ml



#13 Pyrene (C20.8)

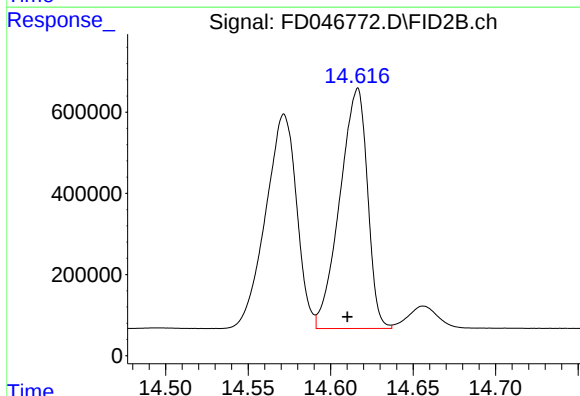
R.T.: 12.708 min
Delta R.T.: 0.004 min
Response: 7712246
Conc: 43.98 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156533BS



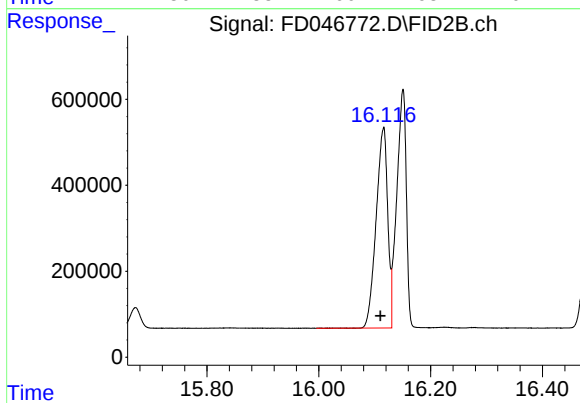
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.572 min
Delta R.T.: 0.004 min
Response: 6927297
Conc: 47.30 ug/ml



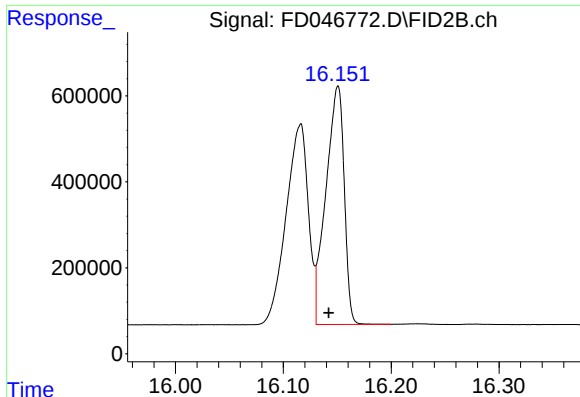
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: 0.006 min
Response: 6901435
Conc: 42.90 ug/ml



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

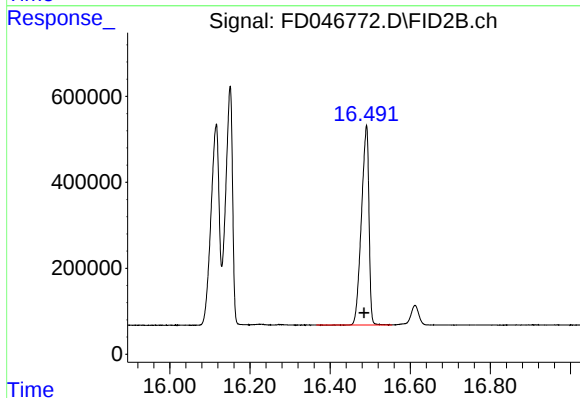
R.T.: 16.115 min
Delta R.T.: 0.005 min
Response: 6693019
Conc: 44.79 ug/ml



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

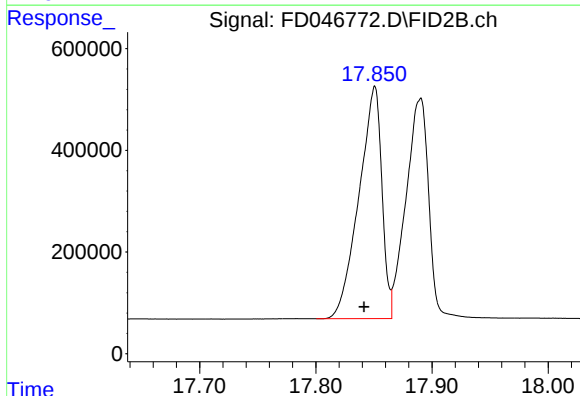
R.T.: 16.150 min
Delta R.T.: 0.008 min
Response: 6537961
Conc: 43.46 ug/ml

Instrument :
FID_D
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PB156533BS



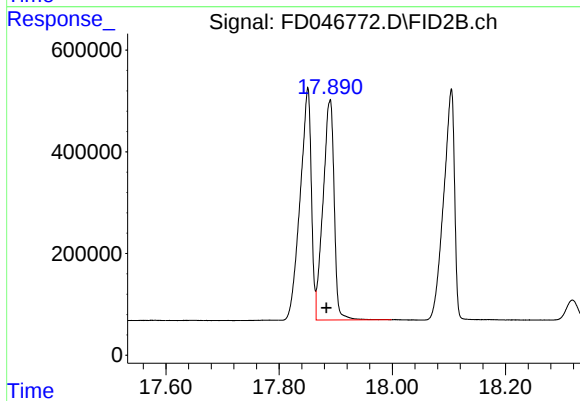
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.005 min
Response: 6036358
Conc: 42.68 ug/ml



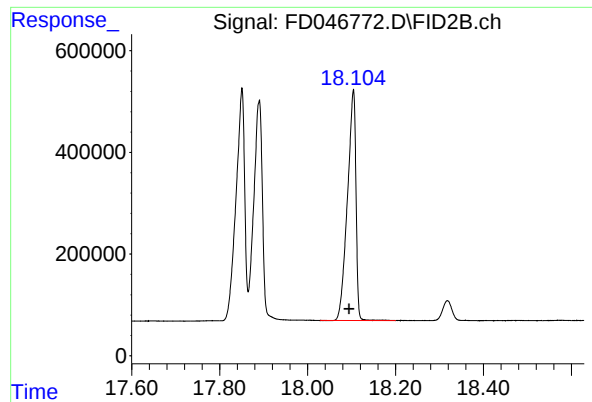
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: 0.009 min
Response: 6265365
Conc: 46.21 ug/ml



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

R.T.: 17.889 min
Delta R.T.: 0.006 min
Response: 5914765
Conc: 41.86 ug/ml



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

R.T.: 18.103 min
Delta R.T.: 0.009 min
Response: 6097897
Conc: 43.35 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156533BS