

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052623AR\
 Data File : FD045749.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 15:12
 Operator : YP/AJ
 Sample : PB153072BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153072BS

Integration File: autoint1.e
 Quant Time: May 27 02:09:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.541	8667278	50.813 ug/ml
Spiked Amount 50.000		Recovery =	101.63%
6) S 2-Fluorobiphenyl (SURR)	8.397	5792931	50.385 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.77%
11) S ortho-Terphenyl (SURR)	11.437	9106640	43.135 ug/ml
Spiked Amount 50.000		Recovery =	86.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	7937880	42.525 ug/ml
2) T Naphthalene (C11.7)	5.879	8973481	45.620 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	8891855	45.012 ug/ml
5) T Acenaphthylene (C15.06)	8.202	9603226	53.451 ug/ml
7) T Acenaphthene (C15.5)	8.499	10145278	53.312 ug/ml
8) T Fluorene (C16.55)	9.278	10056787	53.325 ug/ml
9) T Phenanthrene (C19.36)	10.669	10301050	55.419 ug/ml
10) T Anthracene (C19.43)	10.745	10284140	57.526 ug/ml
12) T Fluoranthene (C21.85)	12.474	10191492	56.495 ug/ml
13) T Pyrene (C20.8)	12.769	10159364	57.967 ug/ml
14) T Benzo[a]anthracene (C...	14.633	9201682	57.810 ug/ml
15) T Chrysene (C27.41)	14.679	9119193	56.160 ug/ml
16) T benzo[b]fluoranthene ...	16.176	8885680	60.333 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	8505582	58.825 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	7747593	55.567 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	7691294	60.537 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	7970647	62.062 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	8017822	62.335 ug/ml

(f)=RT Delta > 1/2 Window

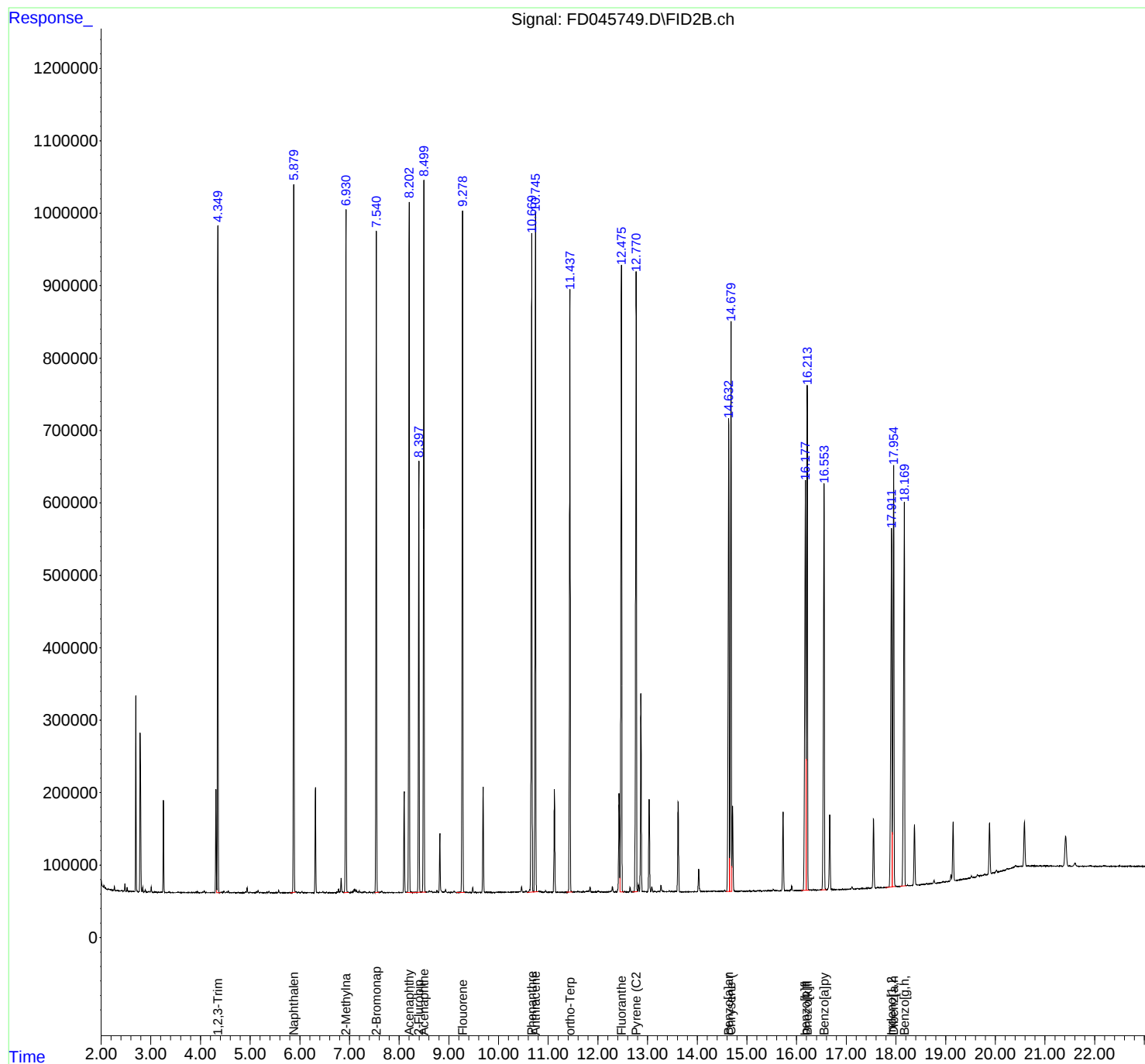
(m)=manual int.

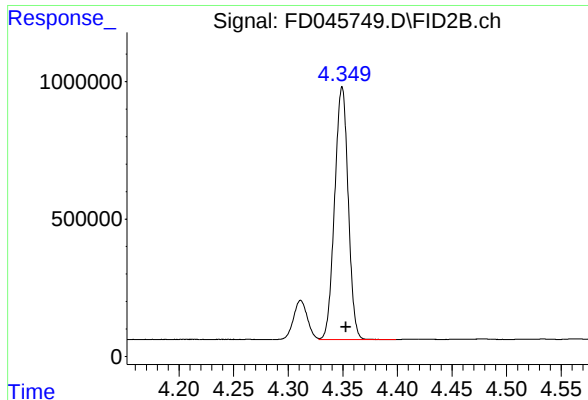
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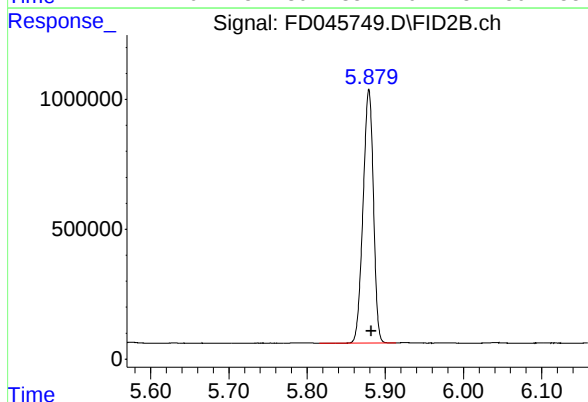




#1 1,2,3-Trimethylbenzene (C10.1)

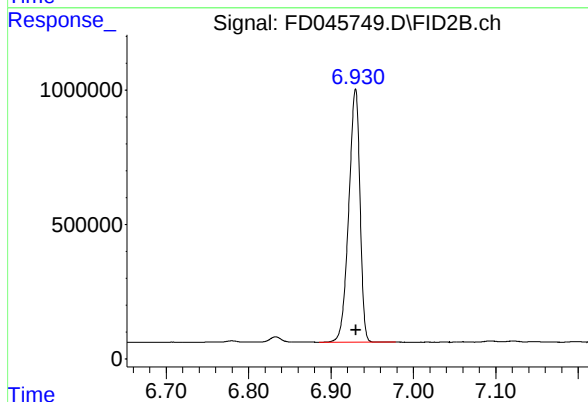
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 7937880
Conc: 42.52 ug/ml

Instrument :
FID_D
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PB153072BS



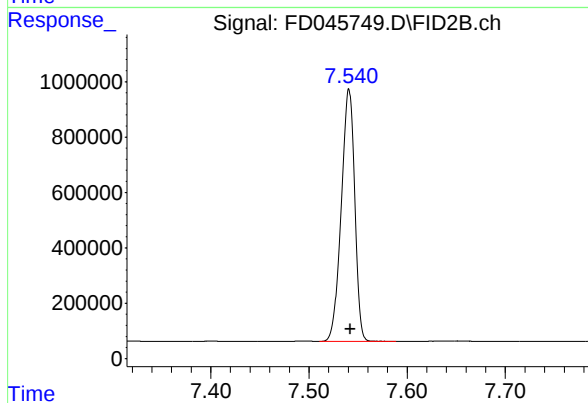
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 8973481
Conc: 45.62 ug/ml



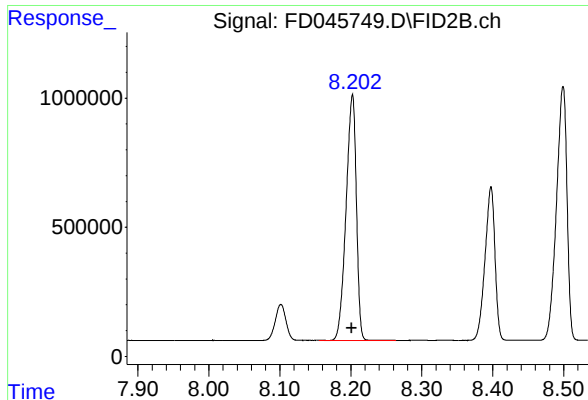
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 8891855
Conc: 45.01 ug/ml



#4 2-Bromonaphthalene (SURR)

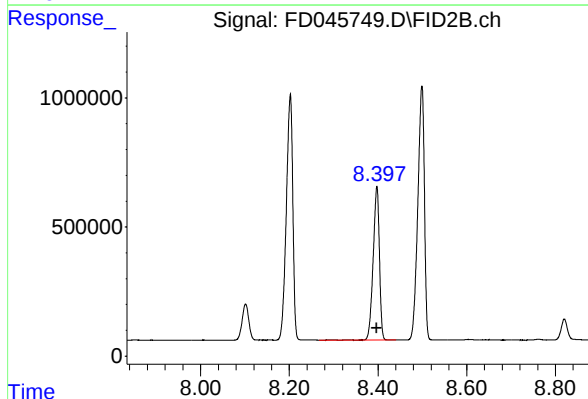
R.T.: 7.541 min
Delta R.T.: -0.002 min
Response: 8667278
Conc: 50.81 ug/ml



#5 Acenaphthylene (C15.06)

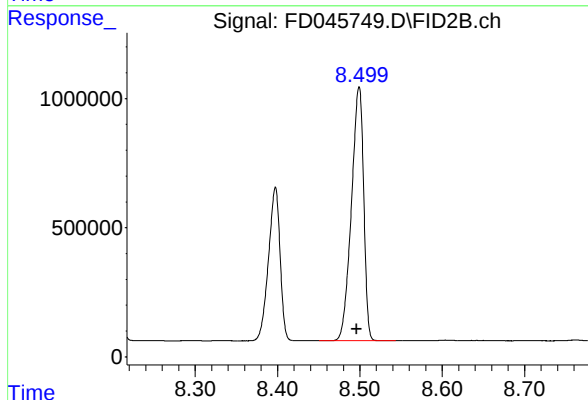
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 9603226
Conc: 53.45 ug/ml

Instrument :
FID_D
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PB153072BS



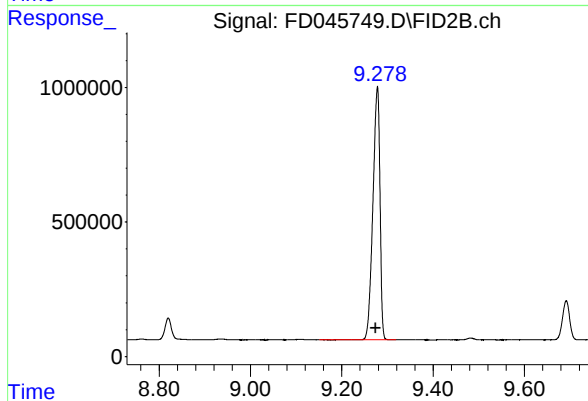
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 5792931
Conc: 50.38 ug/ml



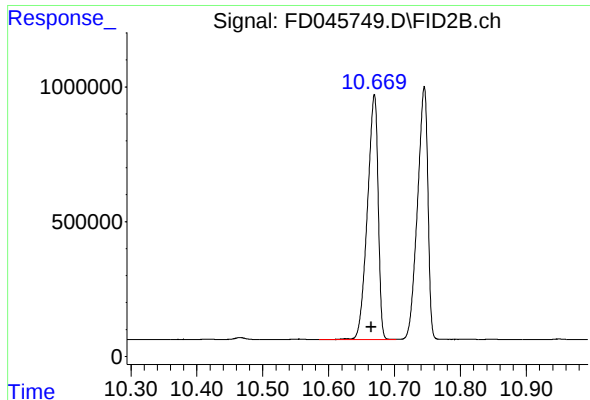
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 10145278
Conc: 53.31 ug/ml



#8 Flouorene (C16.55)

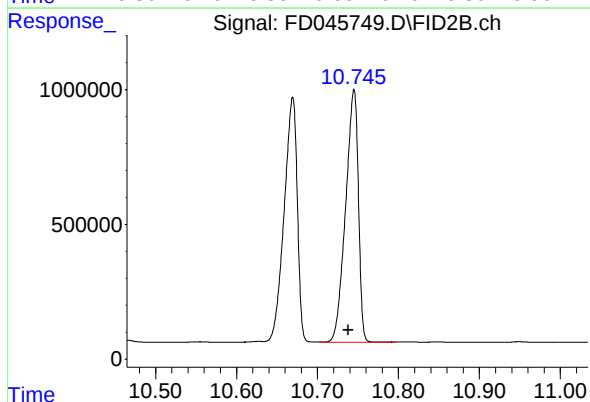
R.T.: 9.278 min
Delta R.T.: 0.003 min
Response: 10056787
Conc: 53.33 ug/ml



#9 Phenanthrene (C19.36)

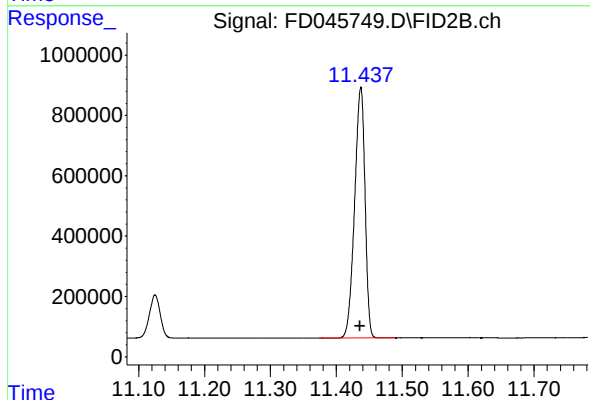
R.T.: 10.669 min
Delta R.T.: 0.004 min
Response: 10301050
Conc: 55.42 ug/ml

Instrument :
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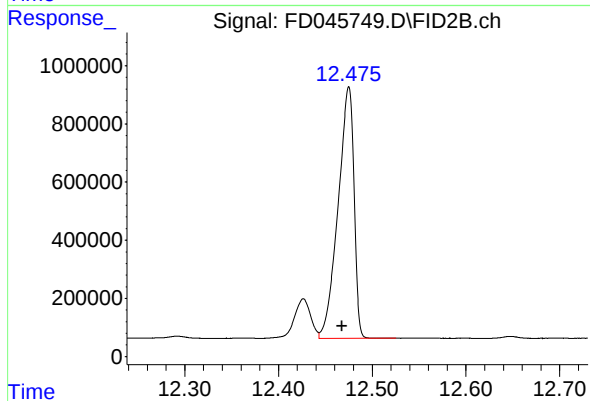
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: 0.006 min
Response: 10284140
Conc: 57.53 ug/ml



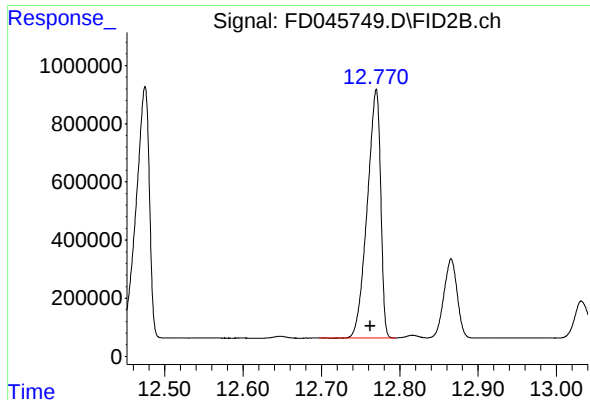
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 9106640
Conc: 43.13 ug/ml



#12 Fluoranthene (C21.85)

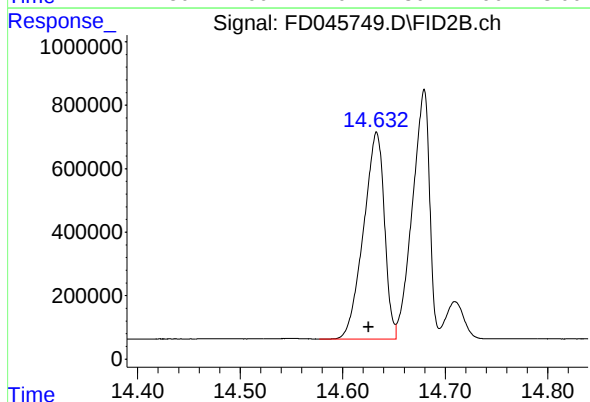
R.T.: 12.474 min
Delta R.T.: 0.006 min
Response: 10191492
Conc: 56.49 ug/ml



#13 Pyrene (C20.8)

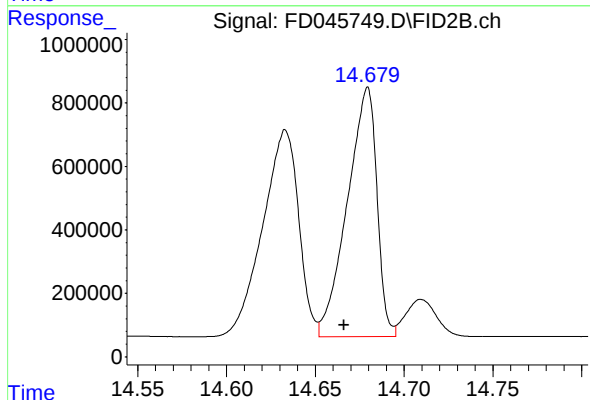
R.T.: 12.769 min
Delta R.T.: 0.007 min
Response: 10159364
Conc: 57.97 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153072BS



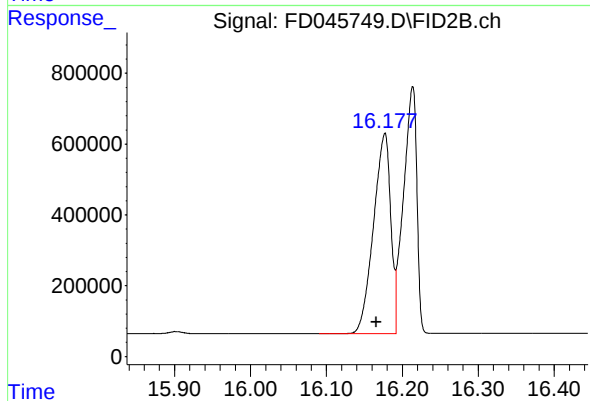
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: 0.008 min
Response: 9201682
Conc: 57.81 ug/ml



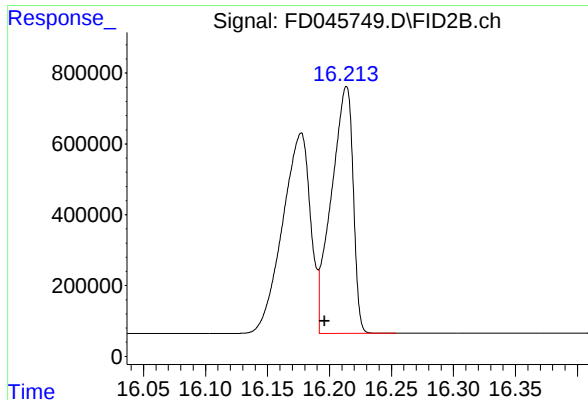
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.013 min
Response: 9119193
Conc: 56.16 ug/ml



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

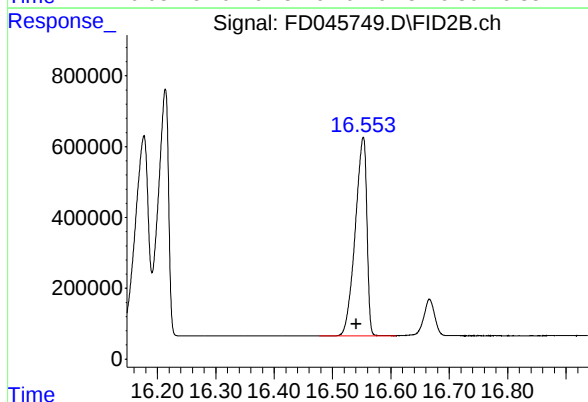
R.T.: 16.176 min
Delta R.T.: 0.011 min
Response: 8885680
Conc: 60.33 ug/ml



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

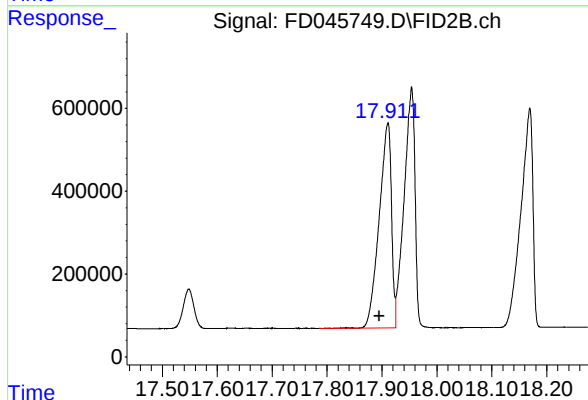
R.T.: 16.213 min
Delta R.T.: 0.017 min
Response: 8505582
Conc: 58.82 ug/ml

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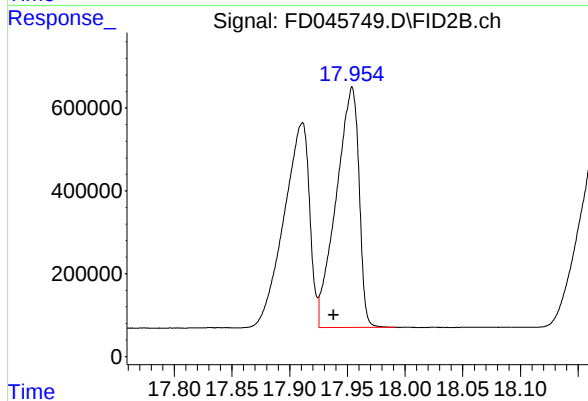
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: 0.011 min
Response: 7747593
Conc: 55.57 ug/ml



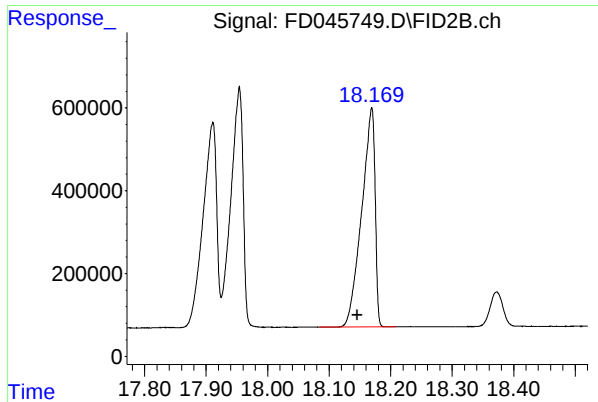
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.015 min
Response: 7691294
Conc: 60.54 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.015 min
Response: 7970647
Conc: 62.06 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.023 min
Response: 8017822
Conc: 62.33 ug/ml

Instrument :
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ClientSampleId :
PB153072BS