

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081123AR\
 Data File : FD046325.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 14:59
 Operator : YP/AJ
 Sample : PB154746BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154746BS

Integration File: autoint1.e
 Quant Time: Aug 12 01:12:00 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...	7.502	7968561	53.309 ug/ml
Spiked Amount 50.000		Recovery =	106.62%
6) S 2-Fluorobiphenyl (SURR)	8.356	5405615	57.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.49%
11) S ortho-Terphenyl (SURR)	11.395	10158104	58.166 ug/ml
Spiked Amount 50.000		Recovery =	116.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	8747363	48.011 ug/ml
2) T Naphthalene (C11.7)	5.842	9228034	51.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.891	9308226	52.887 ug/ml
5) T Acenaphthylene (C15.06)	8.160	8334655	54.626 ug/ml
7) T Acenaphthene (C15.5)	8.457	8947800	54.874 ug/ml
8) T Fluorene (C16.55)	9.235	8856370	58.204 ug/ml
9) T Phenanthrene (C19.36)	10.625	8772673	60.923 ug/ml
10) T Anthracene (C19.43)	10.699	7135211	54.521 ug/ml
12) T Fluoranthene (C21.85)	12.430	8710520	62.337 ug/ml
13) T Pyrene (C20.8)	12.724	8494657	61.291 ug/ml
14) T Benzo[a]anthracene (C...	14.588	7778620	59.261 ug/ml
15) T Chrysene (C27.41)	14.633	8065997	57.205 ug/ml
16) T benzo[b]fluoranthene ...	16.131	7590260	55.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	7358640	53.685 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.508	6964432	53.495 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	6543827	54.408 ug/ml
20) T Dibenz[a,h]anthracene...	17.906	6578837	51.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	6577455	51.845 ug/ml

(f)=RT Delta > 1/2 Window

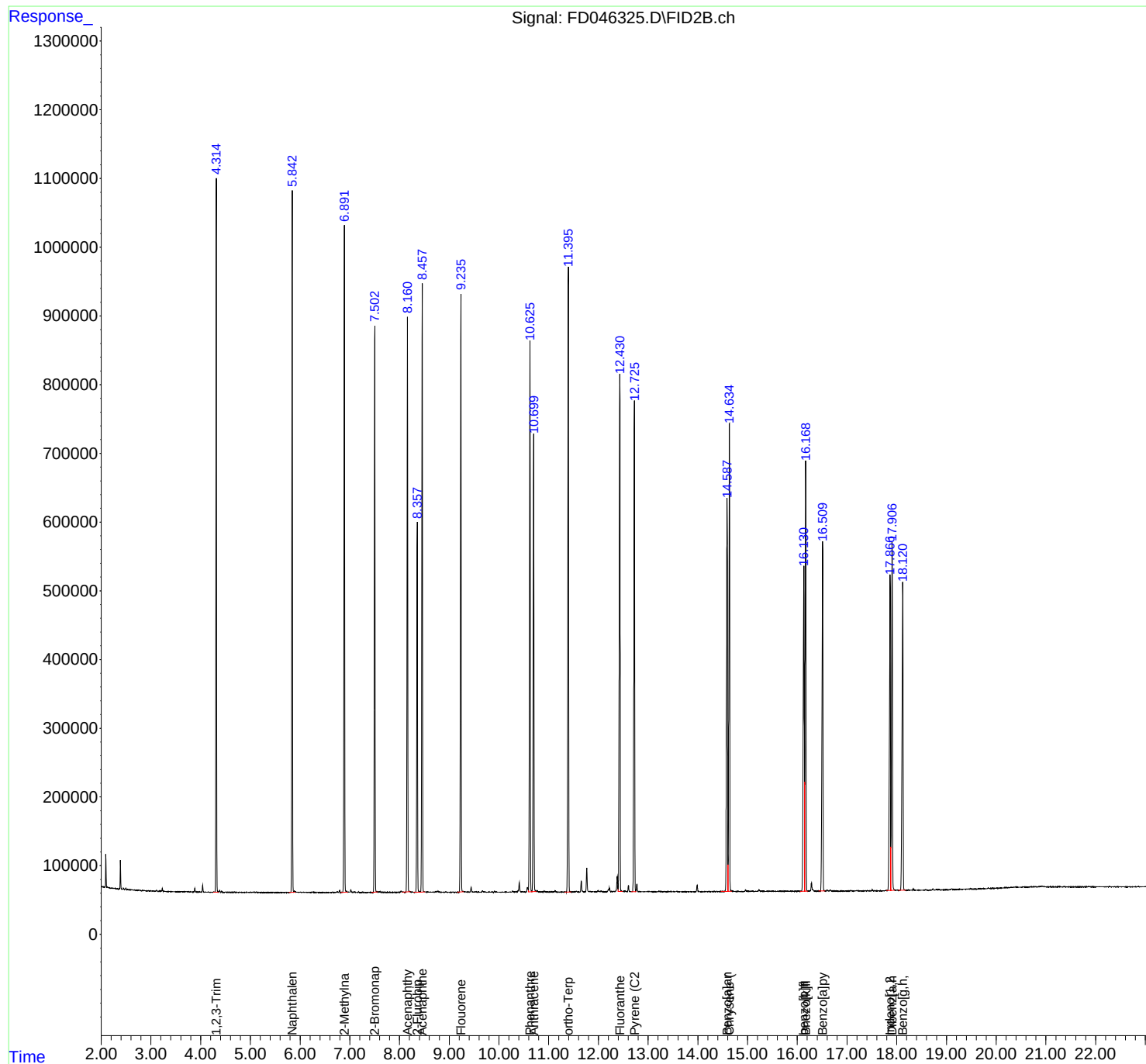
(m)=manual int.

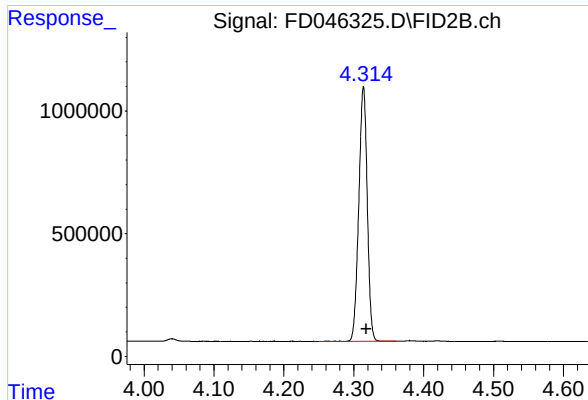
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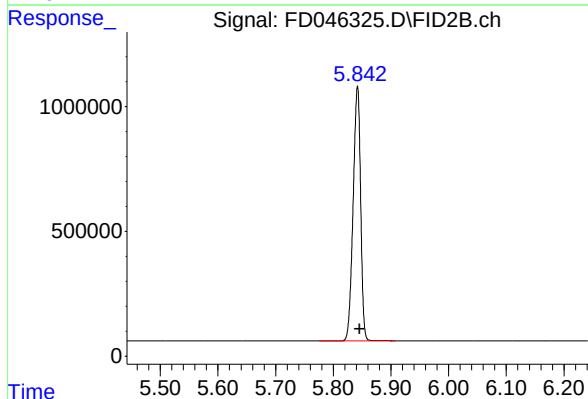




#1 1,2,3-Trimethylbenzene (C10.1)

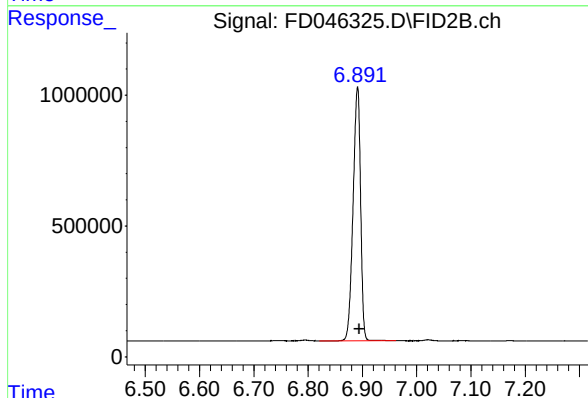
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 8747363
Conc: 48.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154746BS



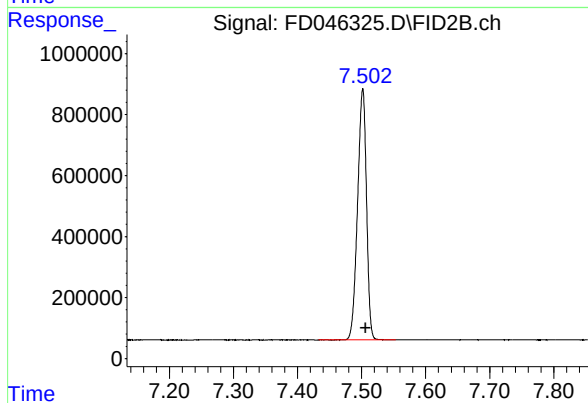
#2 Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 9228034
Conc: 51.09 ug/ml



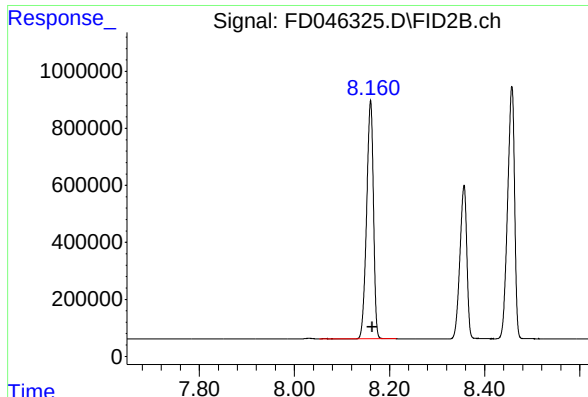
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 9308226
Conc: 52.89 ug/ml



#4 2-Bromonaphthalene (SURR)

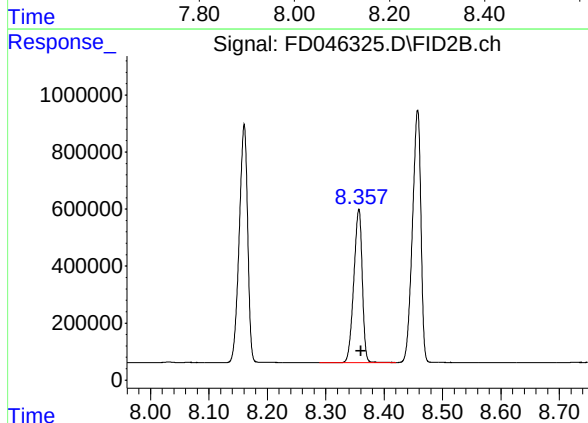
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 7968561
Conc: 53.31 ug/ml



#5 Acenaphthylene (C15.06)

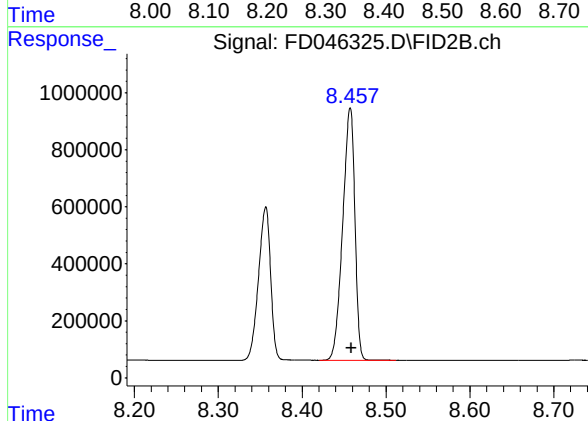
R.T.: 8.160 min
Delta R.T.: -0.004 min
Response: 8334655
Conc: 54.63 ug/ml

Instrument :
FID_D
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PB154746BS



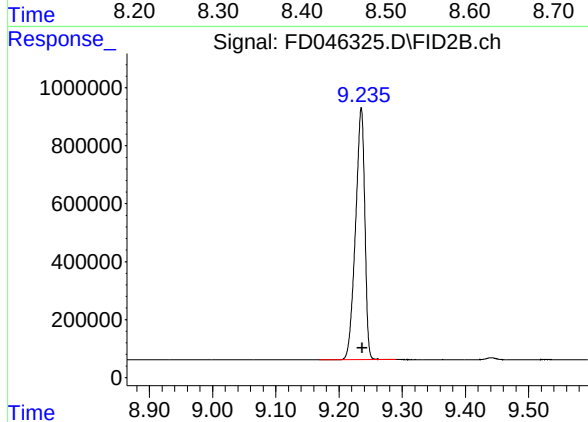
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 5405615
Conc: 57.74 ug/ml



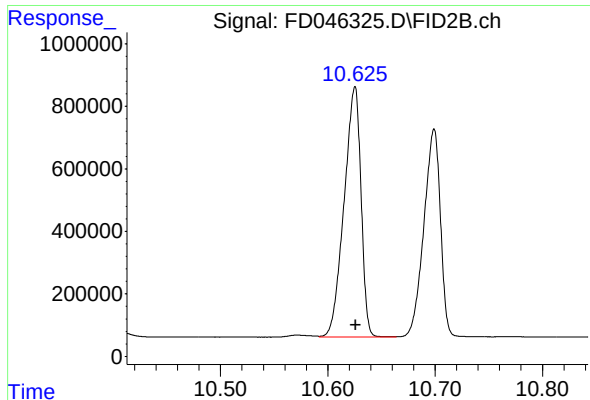
#7 Acenaphthene (C15.5)

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 8947800
Conc: 54.87 ug/ml



#8 Flouorene (C16.55)

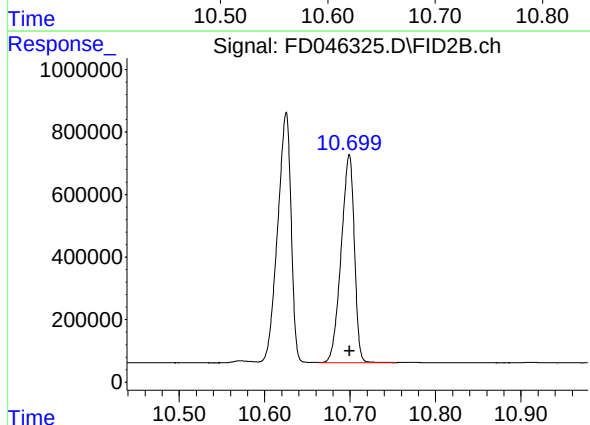
R.T.: 9.235 min
Delta R.T.: -0.002 min
Response: 8856370
Conc: 58.20 ug/ml



#9 Phenanthrene (C19.36)

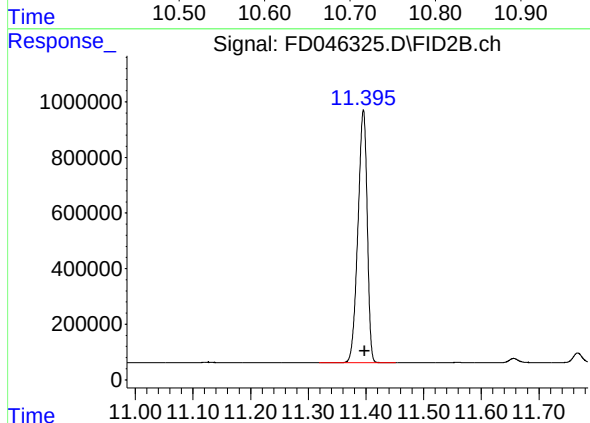
R.T.: 10.625 min
Delta R.T.: -0.001 min
Response: 8772673
Conc: 60.92 ug/ml

Instrument :
FID_D
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PB154746BS



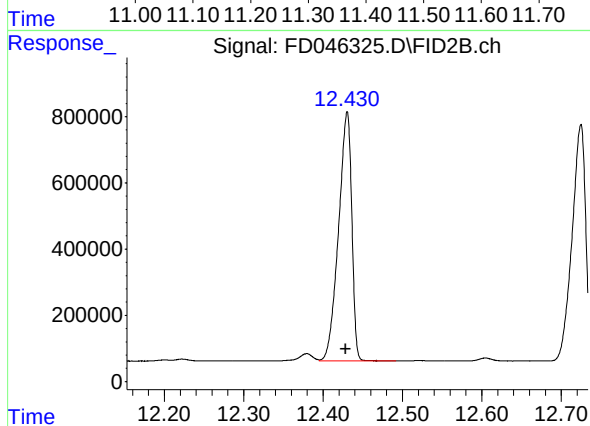
#10 Anthracene (C19.43)

R.T.: 10.699 min
Delta R.T.: -0.001 min
Response: 7135211
Conc: 54.52 ug/ml



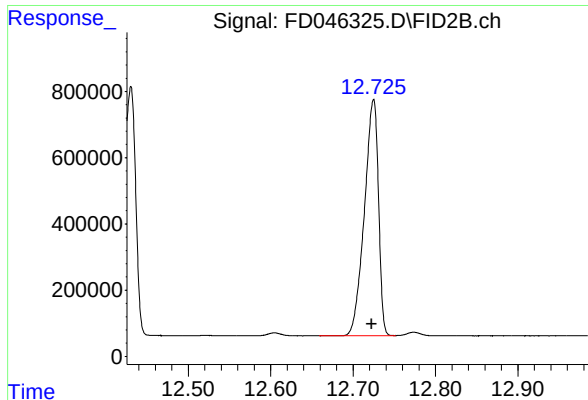
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.002 min
Response: 10158104
Conc: 58.17 ug/ml



#12 Fluoranthene (C21.85)

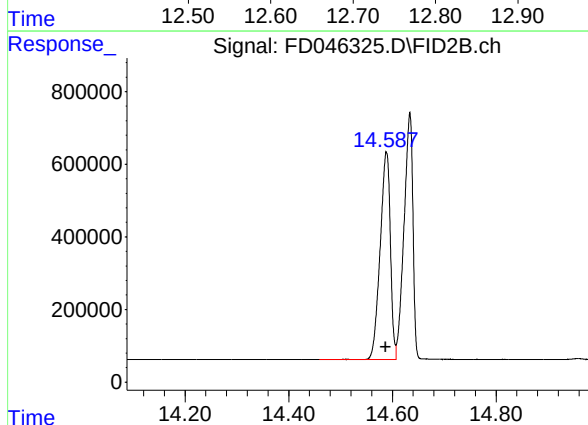
R.T.: 12.430 min
Delta R.T.: 0.001 min
Response: 8710520
Conc: 62.34 ug/ml



#13 Pyrene (C20.8)

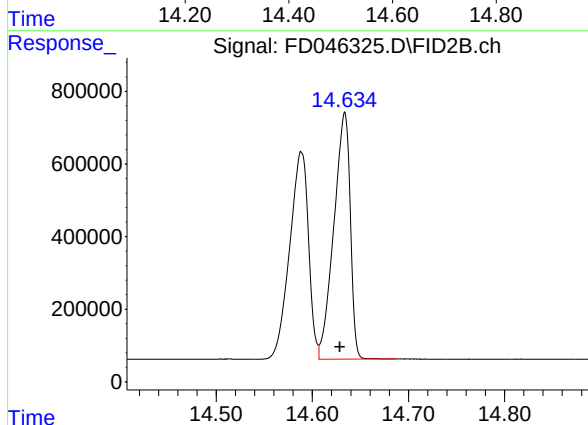
R.T.: 12.724 min
Delta R.T.: 0.002 min
Response: 8494657
Conc: 61.29 ug/ml

Instrument :
FID_D
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PB154746BS



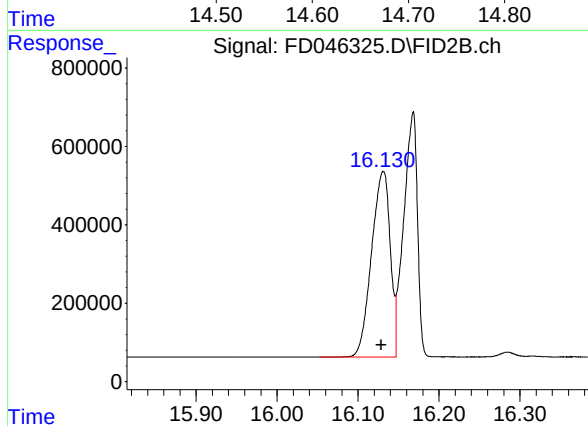
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.001 min
Response: 7778620
Conc: 59.26 ug/ml



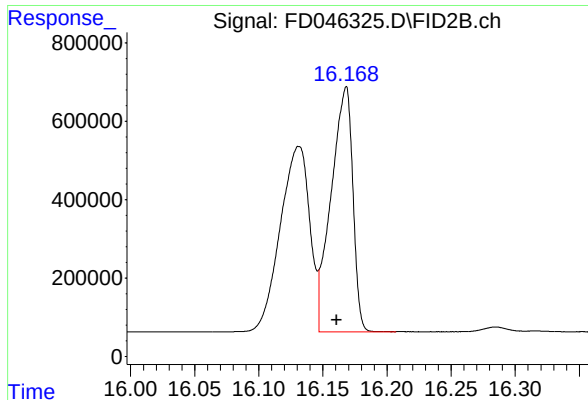
#15 Chrysene (C27.41)

R.T.: 14.633 min
Delta R.T.: 0.004 min
Response: 8065997
Conc: 57.20 ug/ml



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

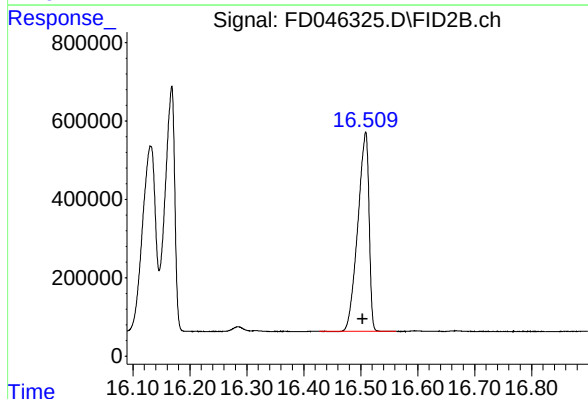
R.T.: 16.131 min
Delta R.T.: 0.002 min
Response: 7590260
Conc: 55.50 ug/ml



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

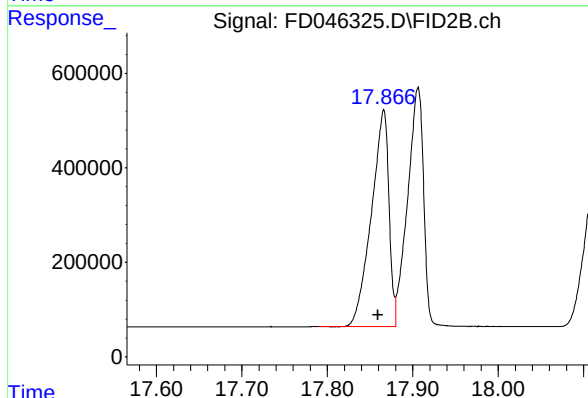
R.T.: 16.167 min
Delta R.T.: 0.006 min
Response: 7358640
Conc: 53.69 ug/ml

Instrument :
FID_D
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PB154746BS



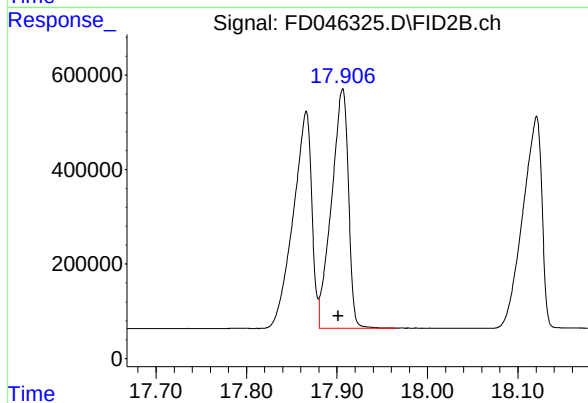
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.508 min
Delta R.T.: 0.005 min
Response: 6964432
Conc: 53.50 ug/ml



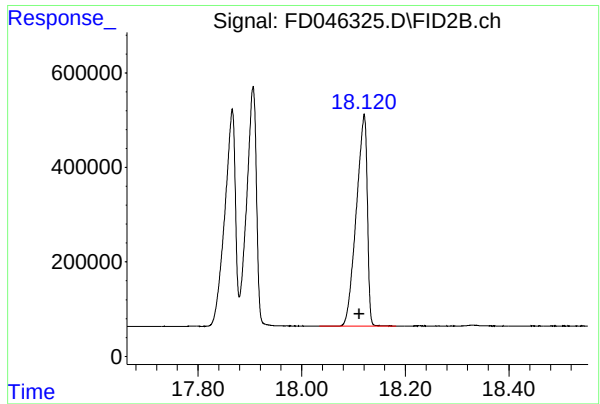
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.865 min
Delta R.T.: 0.006 min
Response: 6543827
Conc: 54.41 ug/ml



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

R.T.: 17.906 min
Delta R.T.: 0.004 min
Response: 6578837
Conc: 51.44 ug/ml



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

R.T.: 18.120 min

Delta R.T.: 0.009 min

Response: 6577455

Conc: 51.84 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154746BS