

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081123AR\
 Data File : FD046326.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 16:30
 Operator : YP/AJ
 Sample : PB154746BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154746BSD

Integration File: autoint1.e
 Quant Time: Aug 12 01:12:31 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...	7.501	8123709	54.347 ug/ml
Spiked Amount 50.000		Recovery =	108.69%
6) S 2-Fluorobiphenyl (SURR)	8.356	5504721	58.803 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.61%
11) S ortho-Terphenyl (SURR)	11.395	10347350	59.250 ug/ml
Spiked Amount 50.000		Recovery =	118.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	8906106	48.882 ug/ml
2) T Naphthalene (C11.7)	5.841	9403389	52.063 ug/ml
3) T 2-Methylnaphthalene (...)	6.891	9486128	53.898 ug/ml
5) T Acenaphthylene (C15.06)	8.160	8530137	55.907 ug/ml
7) T Acenaphthene (C15.5)	8.457	9111167	55.876 ug/ml
8) T Fluorene (C16.55)	9.235	9040443	59.414 ug/ml
9) T Phenanthrene (C19.36)	10.625	8953812	62.181 ug/ml
10) T Anthracene (C19.43)	10.698	7231060	55.254 ug/ml
12) T Fluoranthene (C21.85)	12.430	8885646	63.591 ug/ml
13) T Pyrene (C20.8)	12.724	8660801	62.490 ug/ml
14) T Benzo[a]anthracene (C...	14.588	7917158	60.317 ug/ml
15) T Chrysene (C27.41)	14.633	8202911	58.176 ug/ml
16) T benzo[b]fluoranthene ...	16.132	7664532	56.042 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	7464081	54.454 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.507	7065830	54.274 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	6647504	55.270 ug/ml
20) T Dibenz[a,h]anthracene...	17.907	6647243	51.974 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	6651756	52.430 ug/ml

(f)=RT Delta > 1/2 Window

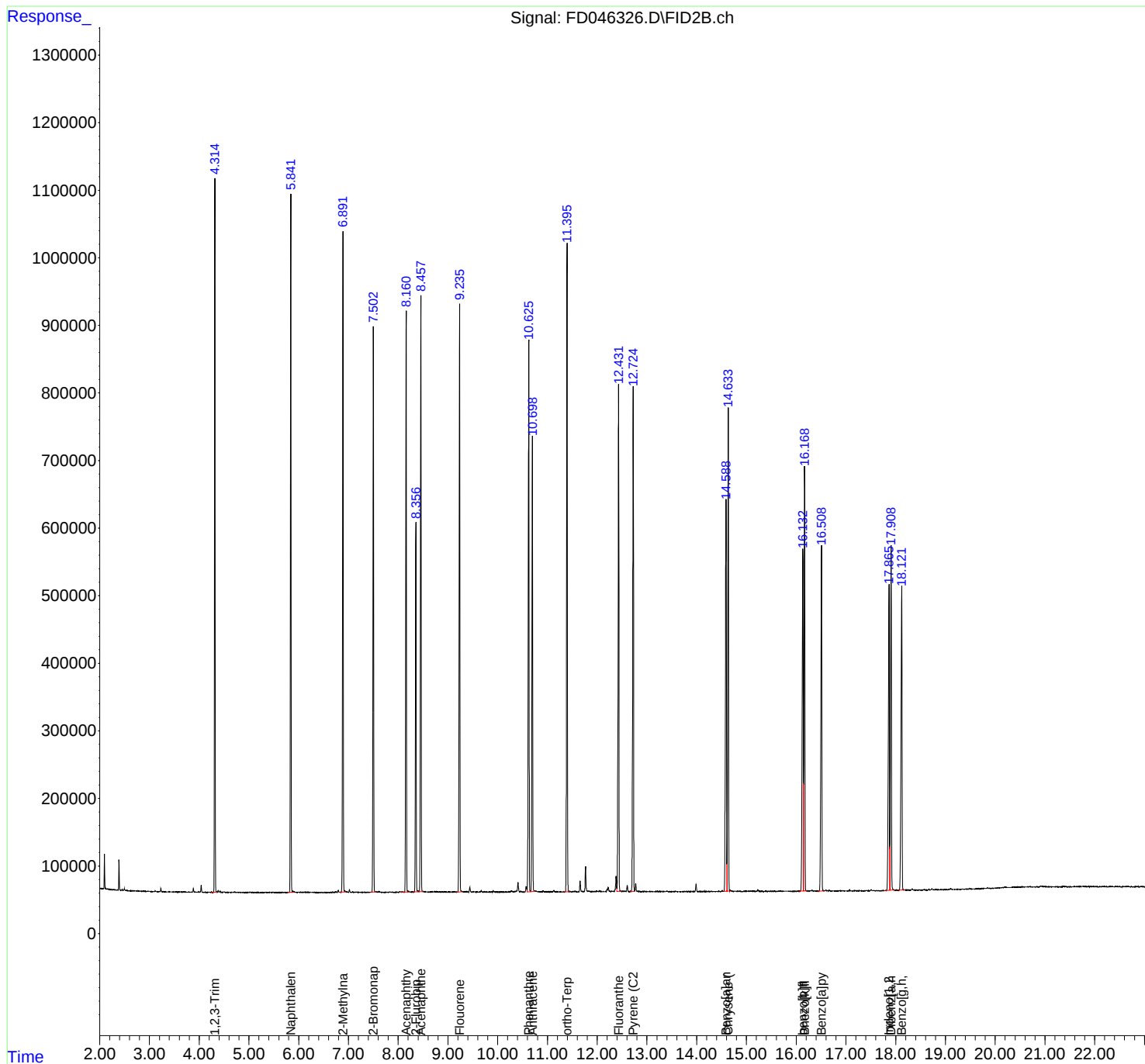
(m)=manual int.

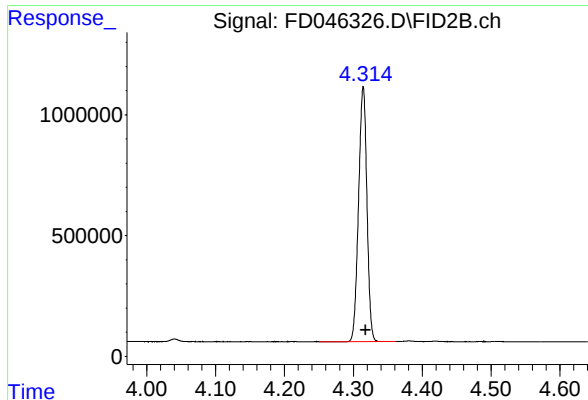
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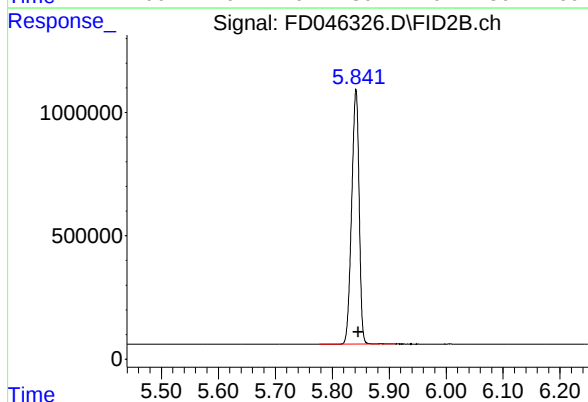




#1 1,2,3-Trimethylbenzene (C10.1)

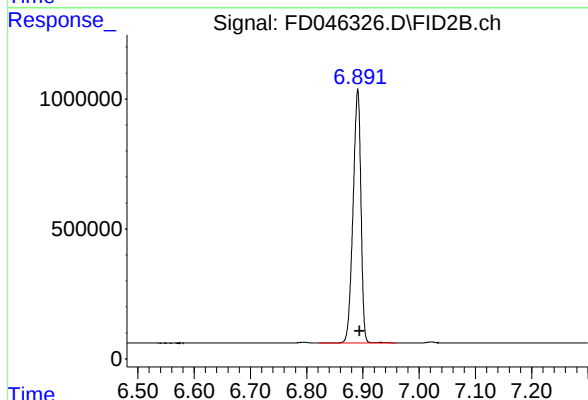
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 8906106
Conc: 48.88 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154746BSD



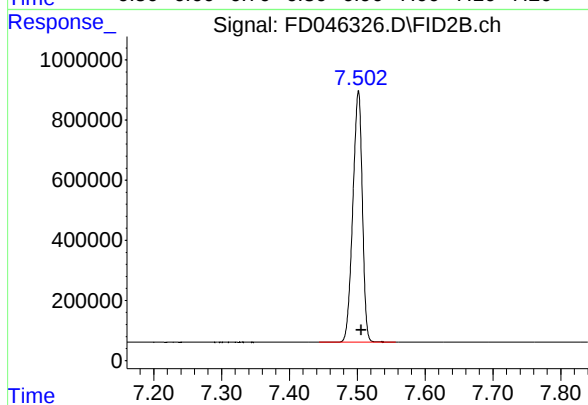
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.004 min
Response: 9403389
Conc: 52.06 ug/ml



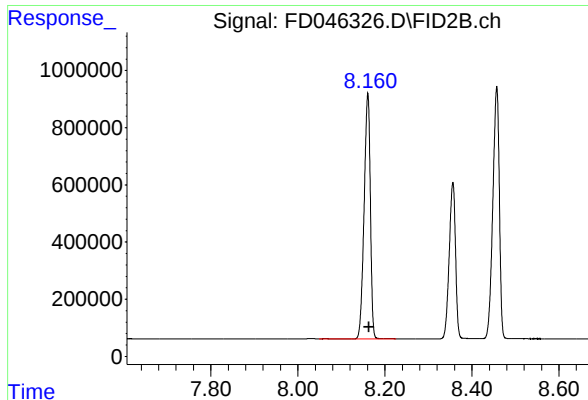
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 9486128
Conc: 53.90 ug/ml



#4 2-Bromonaphthalene (SURR)

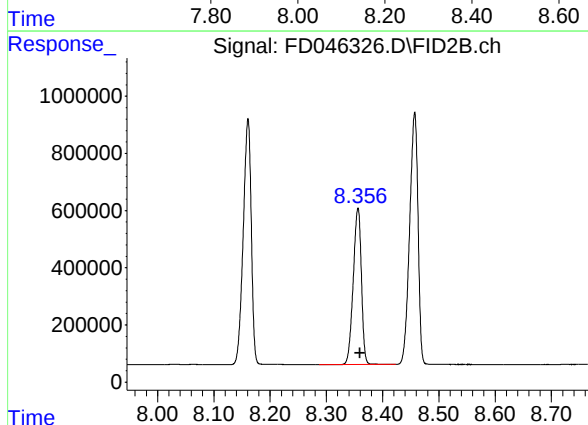
R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 8123709
Conc: 54.35 ug/ml



#5 Acenaphthylene (C15.06)

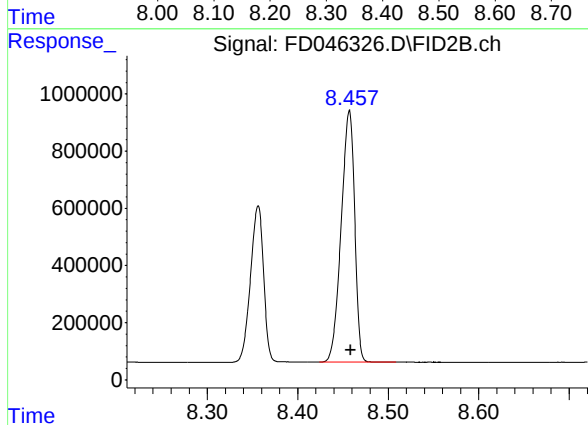
R.T.: 8.160 min
Delta R.T.: -0.003 min
Response: 8530137
Conc: 55.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154746BSD



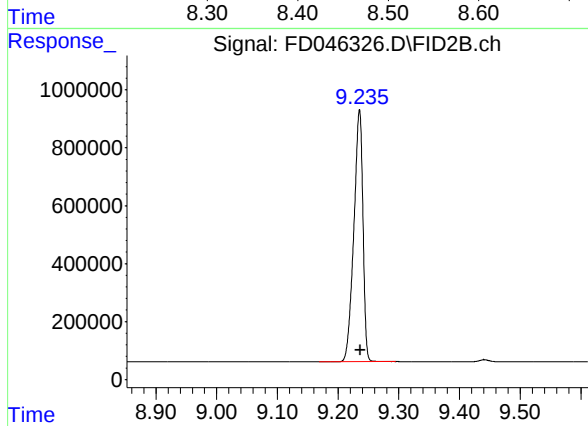
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 5504721
Conc: 58.80 ug/ml



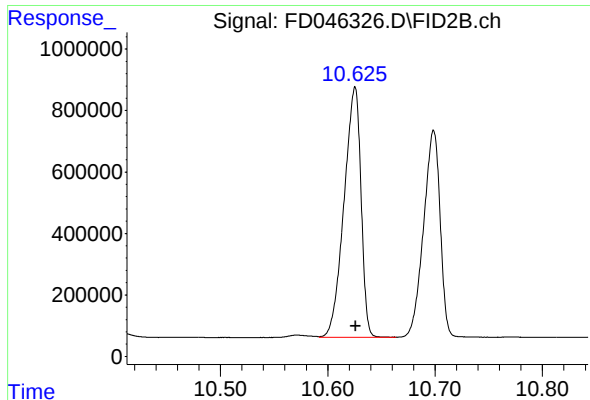
#7 Acenaphthene (C15.5)

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 9111167
Conc: 55.88 ug/ml



#8 Flouorene (C16.55)

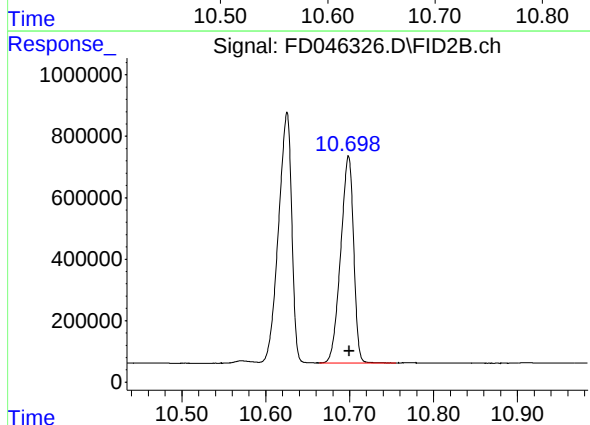
R.T.: 9.235 min
Delta R.T.: -0.002 min
Response: 9040443
Conc: 59.41 ug/ml



#9 Phenanthrene (C19.36)

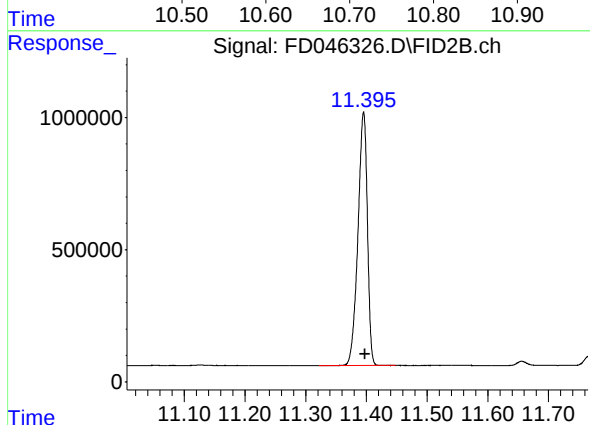
R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 8953812
Conc: 62.18 ug/ml

Instrument :
FID_D
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PB154746BSD



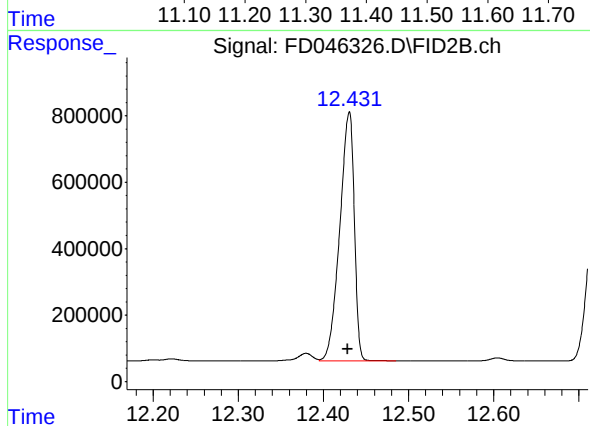
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.001 min
Response: 7231060
Conc: 55.25 ug/ml



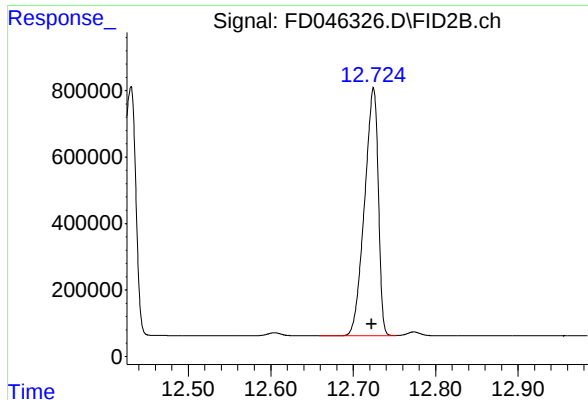
#11 ortho-Terphenyl (SURRE)

R.T.: 11.395 min
Delta R.T.: -0.002 min
Response: 10347350
Conc: 59.25 ug/ml



#12 Fluoranthene (C21.85)

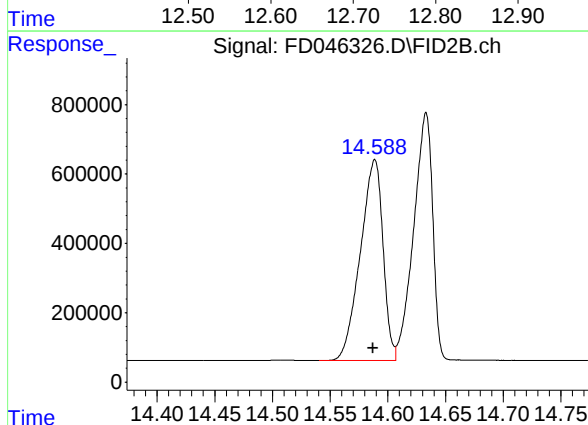
R.T.: 12.430 min
Delta R.T.: 0.001 min
Response: 8885646
Conc: 63.59 ug/ml



#13 Pyrene (C20.8)

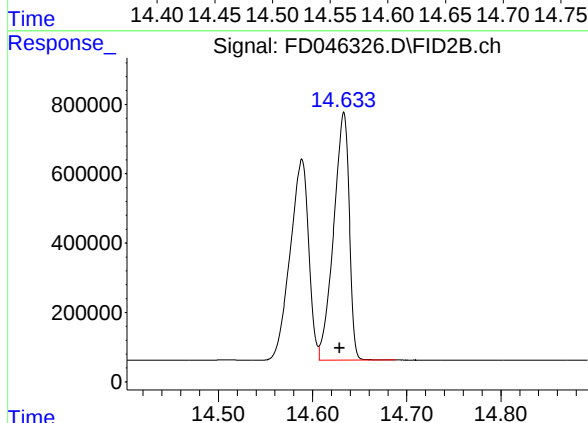
R.T.: 12.724 min
Delta R.T.: 0.002 min
Response: 8660801
Conc: 62.49 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154746BSD



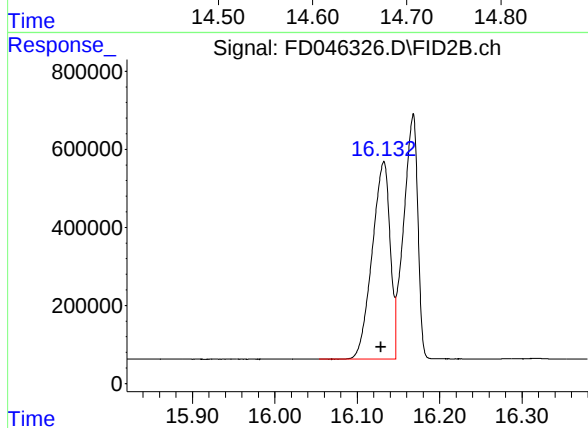
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.001 min
Response: 7917158
Conc: 60.32 ug/ml



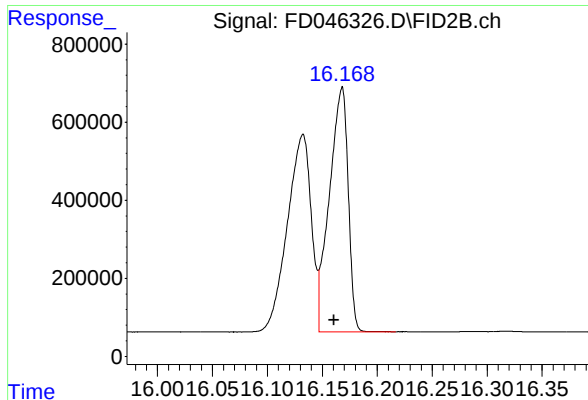
#15 Chrysene (C27.41)

R.T.: 14.633 min
Delta R.T.: 0.004 min
Response: 8202911
Conc: 58.18 ug/ml



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

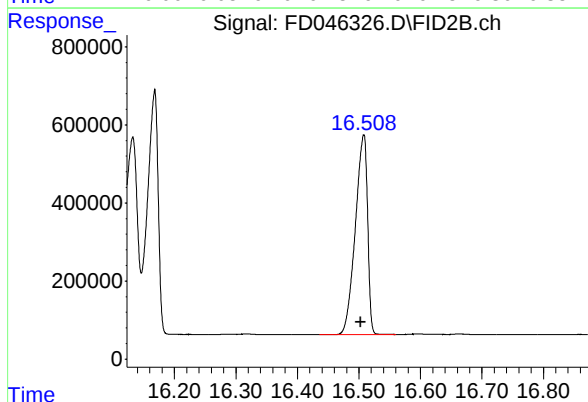
R.T.: 16.132 min
Delta R.T.: 0.003 min
Response: 7664532
Conc: 56.04 ug/ml



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

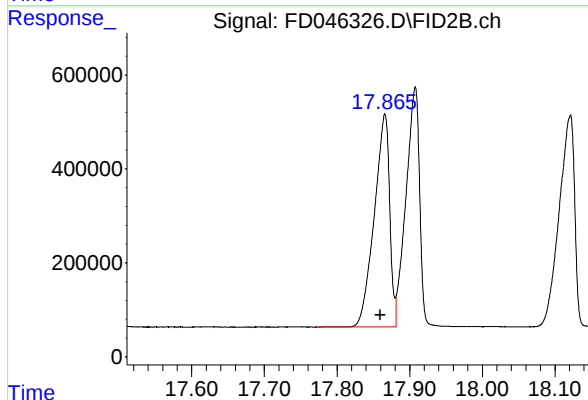
R.T.: 16.167 min
Delta R.T.: 0.006 min
Response: 7464081
Conc: 54.45 ug/ml

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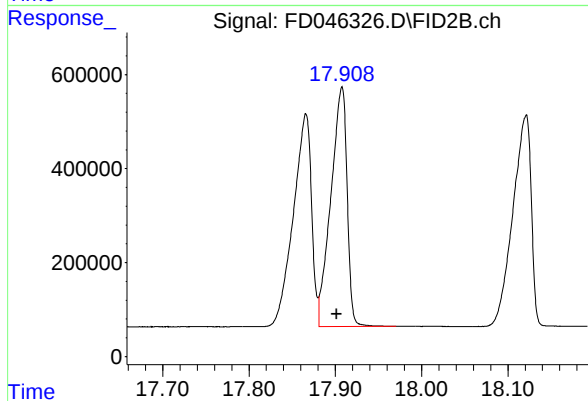
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.507 min
Delta R.T.: 0.004 min
Response: 7065830
Conc: 54.27 ug/ml



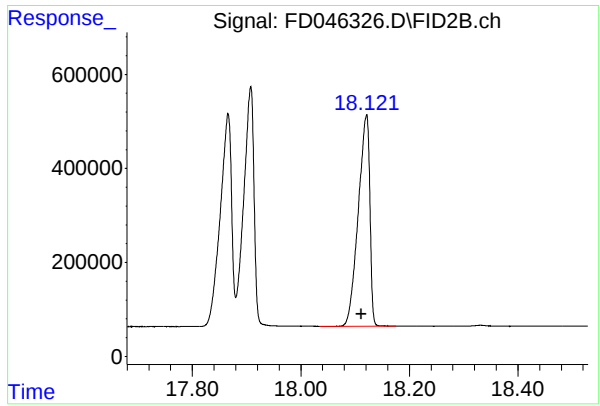
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.865 min
Delta R.T.: 0.006 min
Response: 6647504
Conc: 55.27 ug/ml



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

R.T.: 17.907 min
Delta R.T.: 0.005 min
Response: 6647243
Conc: 51.97 ug/ml



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

R.T.: 18.120 min

Delta R.T.: 0.009 min

Response: 6651756

Conc: 52.43 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154746BSD