

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044123.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2022 21:41
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 14 01:26:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:12:46 2022
 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...	7.422	12006108	97.053 ug/ml
Spiked Amount 50.000		Recovery =	194.11%
6) S 2-Fluorobiphenyl (SURR)	8.277	7998358	101.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.21%#
11) S ortho-Terphenyl (SURR)	11.315	15197594	95.247 ug/ml
Spiked Amount 50.000		Recovery =	190.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	12961536	95.142 ug/ml
2) T Naphthalene (C11.7)	5.760	13707786	98.882 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	13929597	97.524 ug/ml
5) T Acenaphthylene (C15.06)	8.081	12983082	96.031 ug/ml
7) T Acenaphthene (C15.5)	8.377	13884268	95.158 ug/ml
8) T Fluorene (C16.55)	9.156	13469729	96.994 ug/ml
9) T Phenanthrene (C19.36)	10.549	13017184	97.657 ug/ml
10) T Anthracene (C19.43)	10.625	12912229	96.779 ug/ml
12) T Fluoranthene (C21.85)	12.356	12551531	96.874 ug/ml
13) T Pyrene (C20.8)	12.652	11938178	97.493 ug/ml
14) T Benzo[a]anthracene (C...	14.521	10799624	99.893 ug/ml
15) T Chrysene (C27.41)	14.567	11645067	94.950 ug/ml
16) T benzo[b]fluoranthene ...	16.071	10994504	98.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	11180007	95.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	10907222	97.079 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	11078970	102.137 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	10428766	92.606 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	10959530	97.229 ug/ml

(f)=RT Delta > 1/2 Window

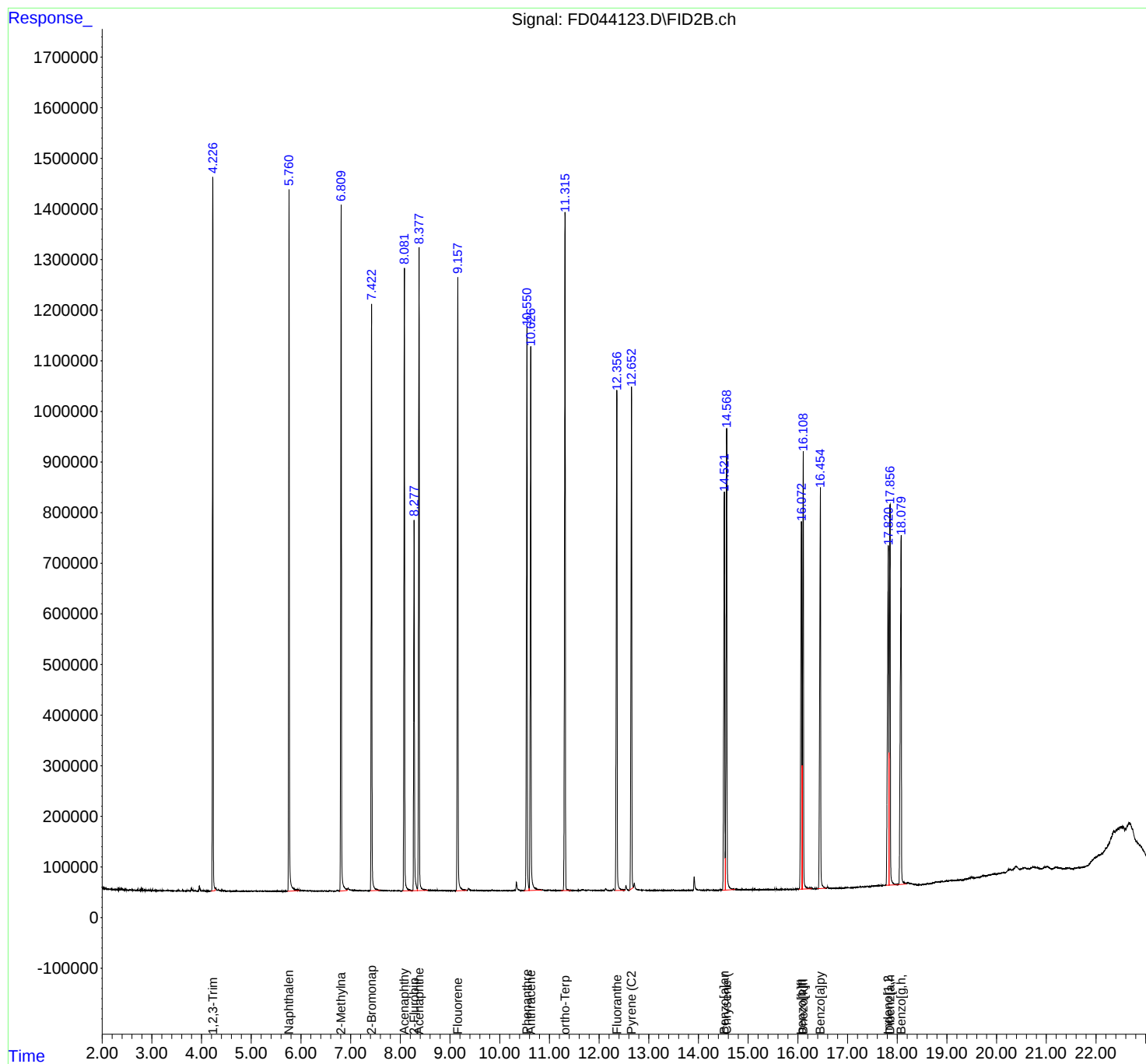
(m)=manual int.

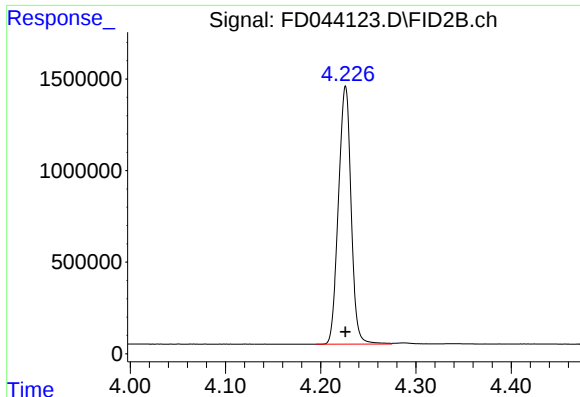
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#1 1,2,3-Trimethylbenzene (C10.1)

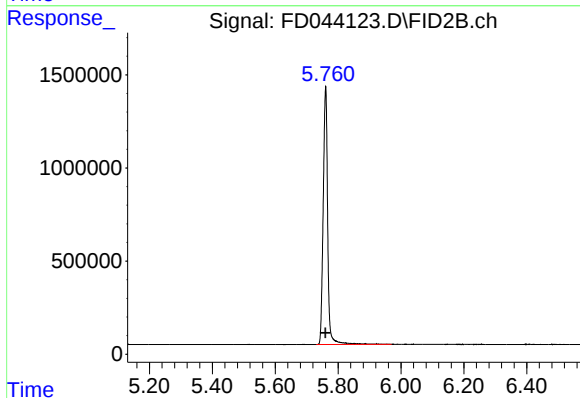
R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 12961536
Conc: 95.14 ug/ml

Instrument :

FID_D

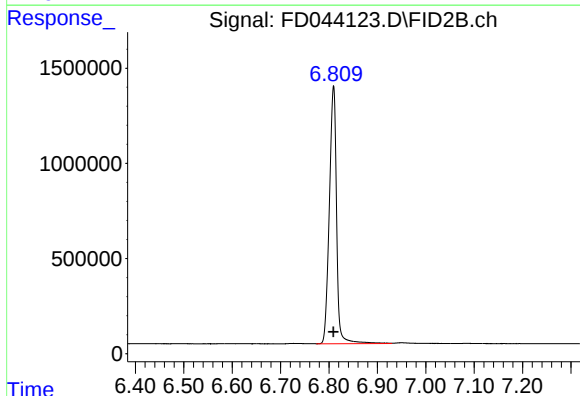
ClientSampleId :

100 PPM AROMATIC HC STD1



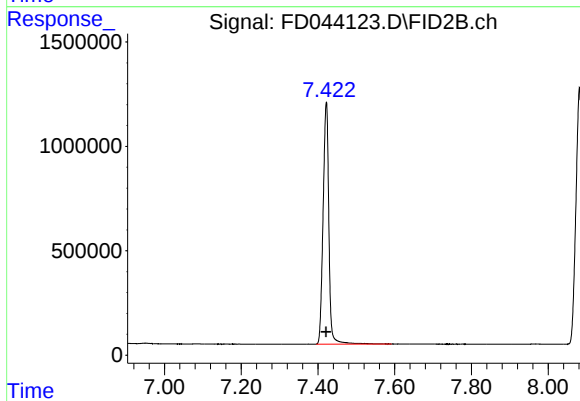
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 13707786
Conc: 98.88 ug/ml



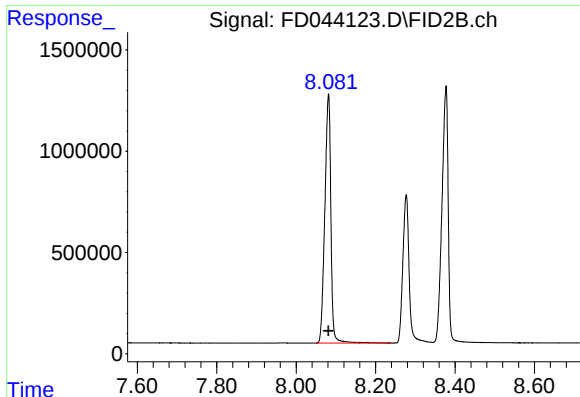
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 13929597
Conc: 97.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 12006108
Conc: 97.05 ug/ml



#5 Acenaphthylene (C15.06)

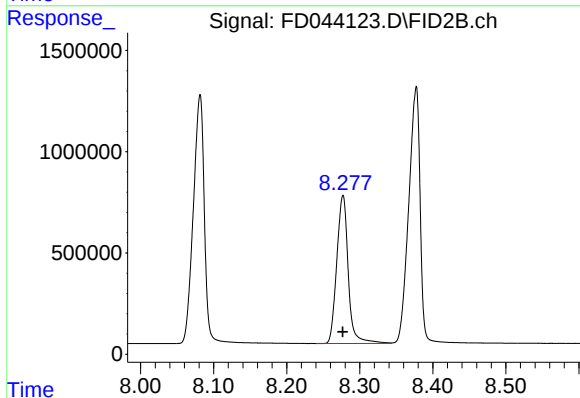
R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 12983082
Conc: 96.03 ug/ml

Instrument :

FID_D

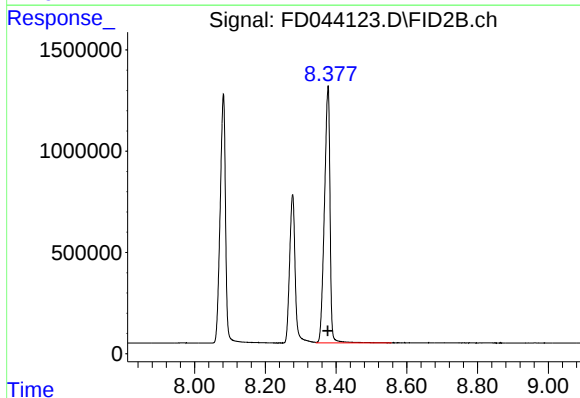
ClientSampleId :

100 PPM AROMATIC HC STD1



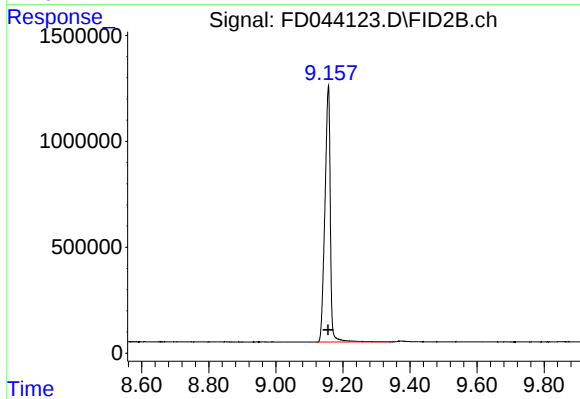
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 7998358
Conc: 101.11 ug/ml



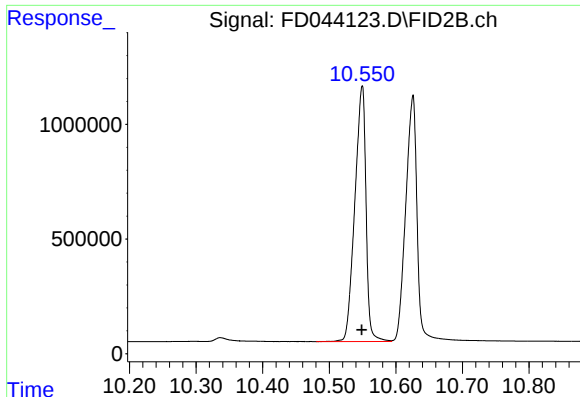
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 13884268
Conc: 95.16 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.156 min
Delta R.T.: 0.000 min
Response: 13469729
Conc: 96.99 ug/ml



#9 Phenanthrene (C19.36)

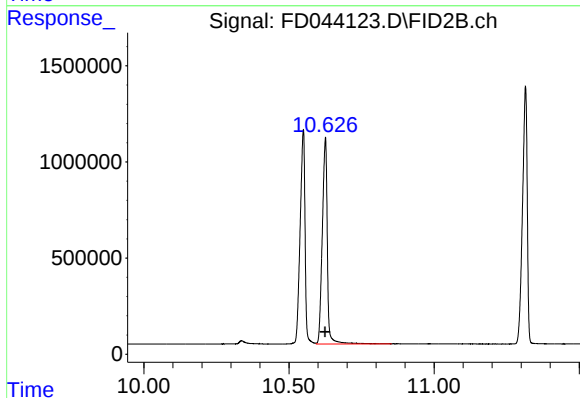
R.T.: 10.549 min
Delta R.T.: 0.000 min
Response: 13017184
Conc: 97.66 ug/ml

Instrument :

FID_D

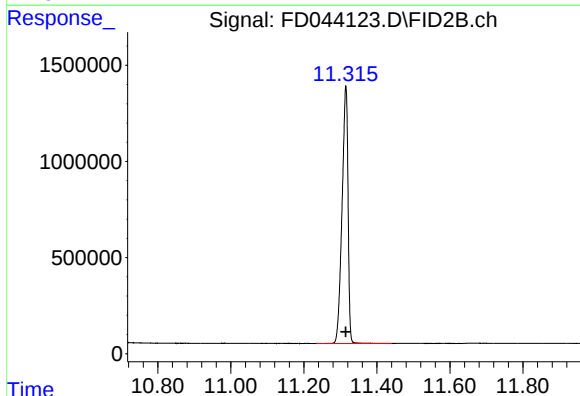
ClientSampleId :

100 PPM AROMATIC HC STD1



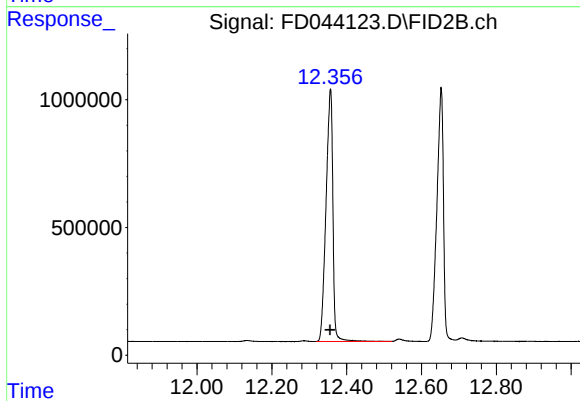
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 12912229
Conc: 96.78 ug/ml



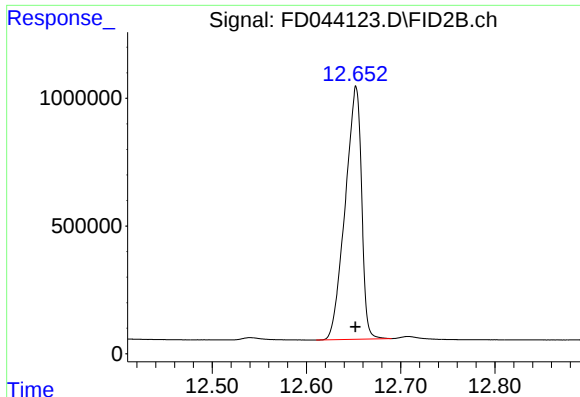
#11 ortho-Terphenyl (SURR)

R.T.: 11.315 min
Delta R.T.: 0.000 min
Response: 15197594
Conc: 95.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 12551531
Conc: 96.87 ug/ml



#13 Pyrene (C20.8)

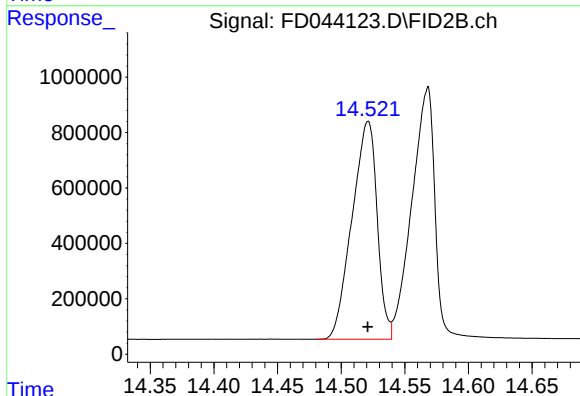
R.T.: 12.652 min
Delta R.T.: 0.000 min
Response: 11938178
Conc: 97.49 ug/ml

Instrument :

FID_D

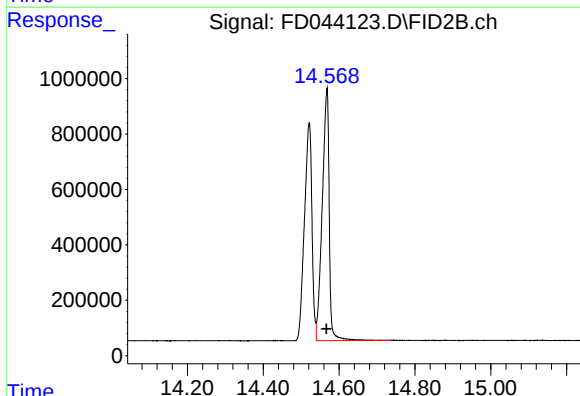
ClientSampleId :

100 PPM AROMATIC HC STD1



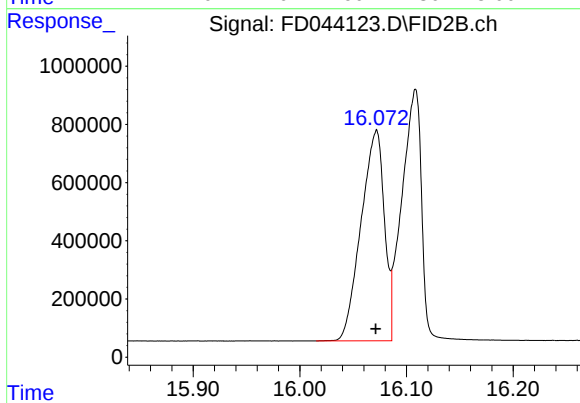
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 10799624
Conc: 99.89 ug/ml



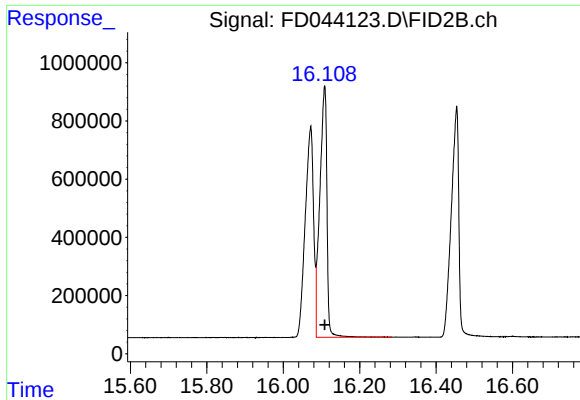
#15 Chrysene (C27.41)

R.T.: 14.567 min
Delta R.T.: 0.000 min
Response: 11645067
Conc: 94.95 ug/ml



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

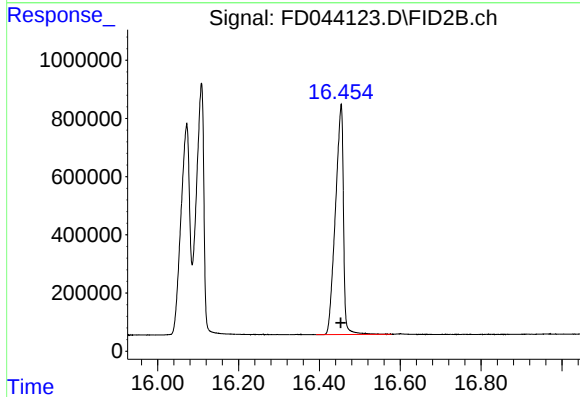
R.T.: 16.071 min
Delta R.T.: 0.000 min
Response: 10994504
Conc: 98.88 ug/ml



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

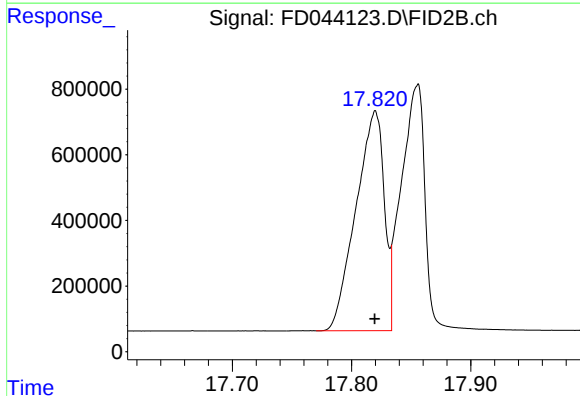
R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 11180007
Conc: 95.67 ug/ml

Instrument :
FID_D
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100 PPM AROMATIC HC STD1



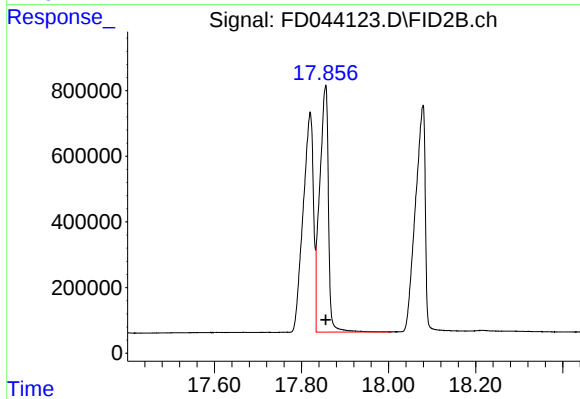
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: 0.000 min
Response: 10907222
Conc: 97.08 ug/ml



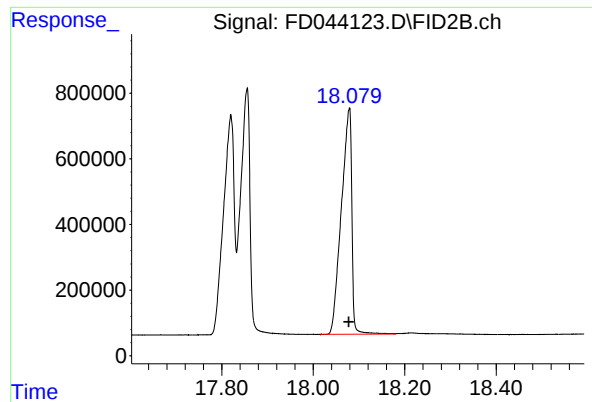
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.000 min
Response: 11078970
Conc: 102.14 ug/ml



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

R.T.: 17.855 min
Delta R.T.: -0.001 min
Response: 10428766
Conc: 92.61 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 10959530
Conc: 97.23 ug/ml

Instrument :

FID_D

ClientSampleId :

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