

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048578.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 10:41
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 25 01:32:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.372	3131942	20.635 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
6) S 2-Fluorobiphenyl (SURR)	8.222	2044939	20.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.65%
11) S ortho-Terphenyl (SURR)	11.257	3498448	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3575925	20.555 ug/ml
2) T Naphthalene (C11.7)	5.713	3706102	20.770 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3689563	20.628 ug/ml
5) T Acenaphthylene (C15.06)	8.024	3603804	20.524 ug/ml
7) T Acenaphthene (C15.5)	8.319	3653653	20.600 ug/ml
8) T Fluorene (C16.55)	9.098	3524273	20.849 ug/ml
9) T Phenanthrene (C19.36)	10.485	3415584	20.662 ug/ml
10) T Anthracene (C19.43)	10.560	3218862	20.129 ug/ml
12) T Fluoranthene (C21.85)	12.288	3401173	20.666 ug/ml
13) T Pyrene (C20.8)	12.581	3324367	20.638 ug/ml
14) T Benzo[a]anthracene (C...	14.450	3053810	20.886 ug/ml
15) T Chrysene (C27.41)	14.491	3363613	20.448 ug/ml
16) T benzo[b]fluoranthene ...	15.996	3158217	20.774 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	3098041	20.612 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	3135525	20.835 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	2709329	20.765 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	3408930	20.948 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3118491	20.370 ug/ml

(f)=RT Delta > 1/2 Window

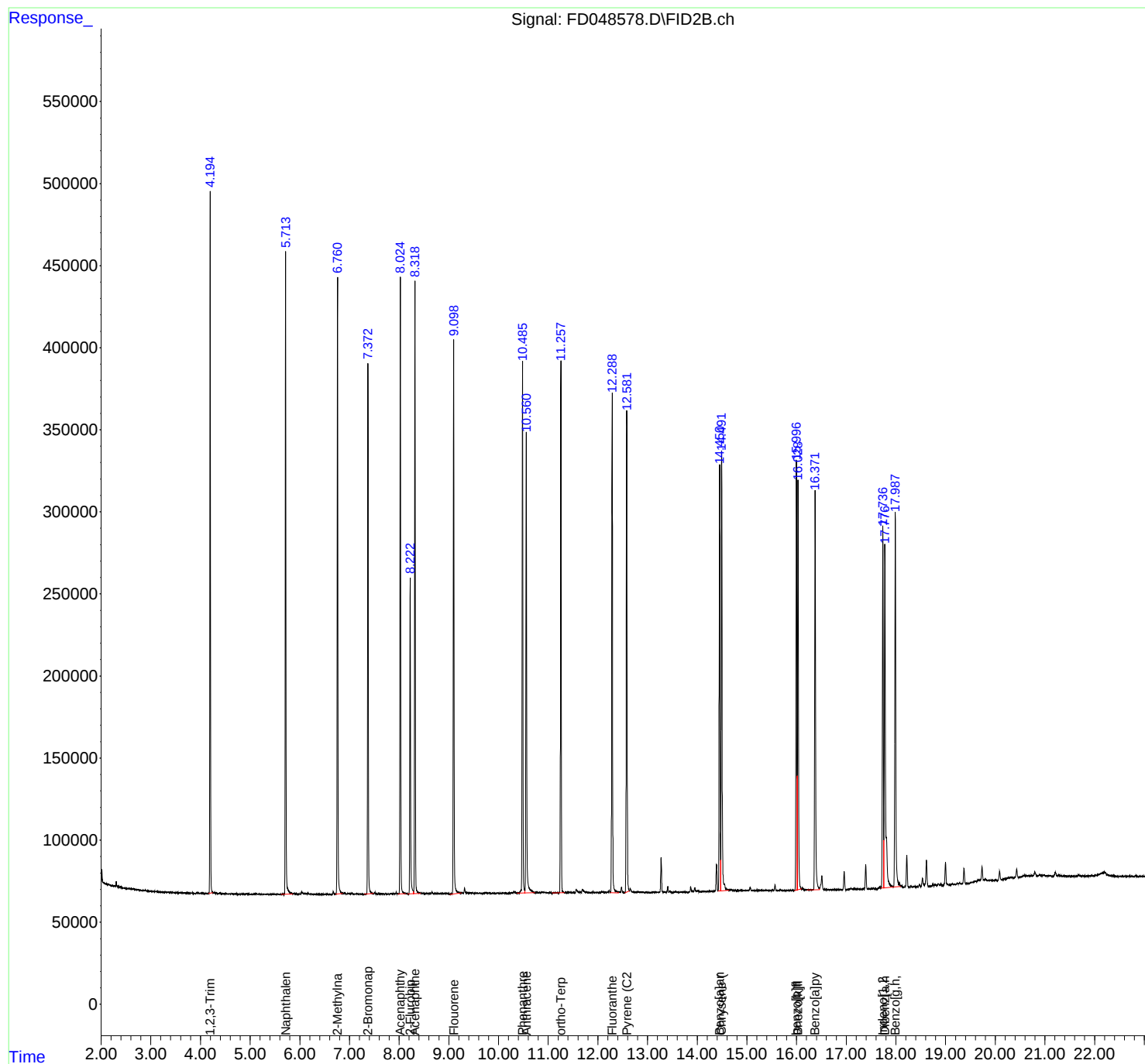
(m)=manual int.

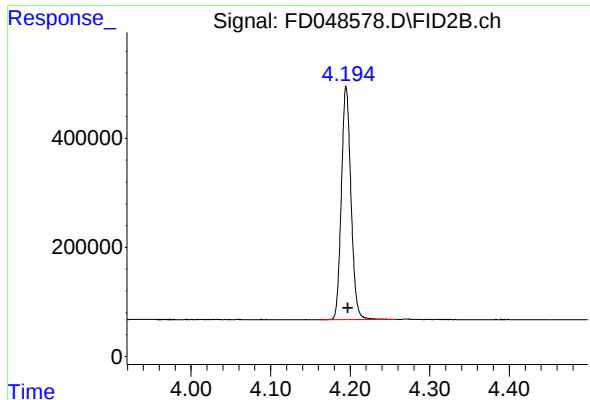
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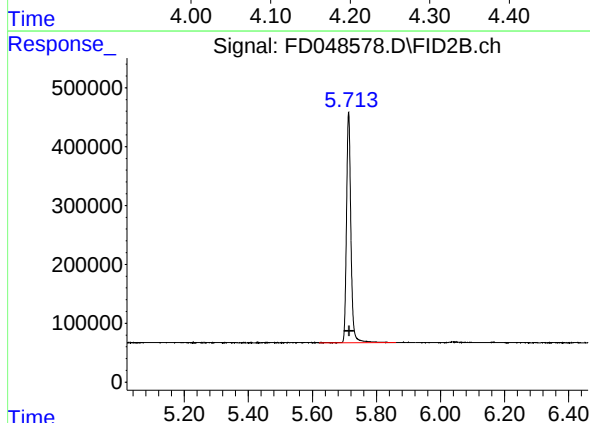




#1 1,2,3-Trimethylbenzene (C10.1)

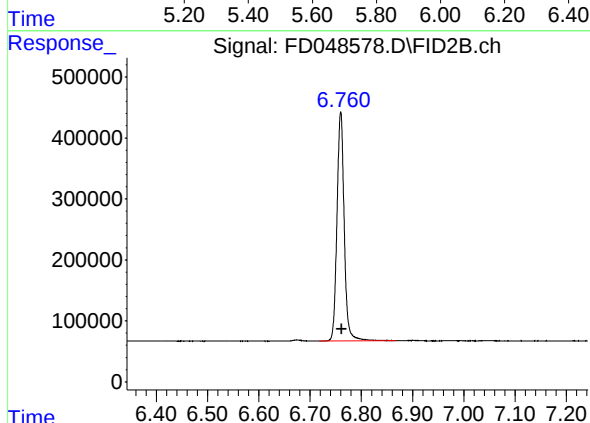
R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 3575925
Conc: 20.55 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



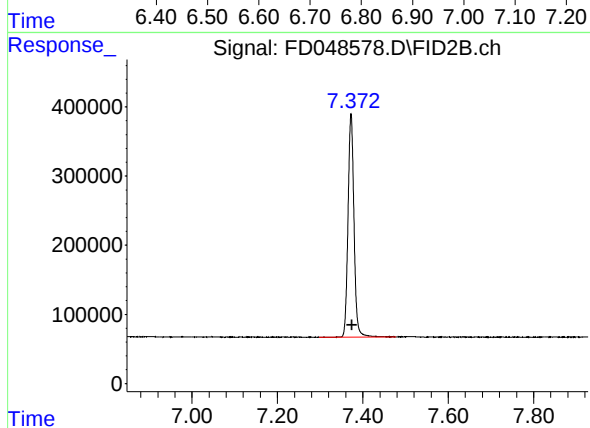
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 3706102
Conc: 20.77 ug/ml



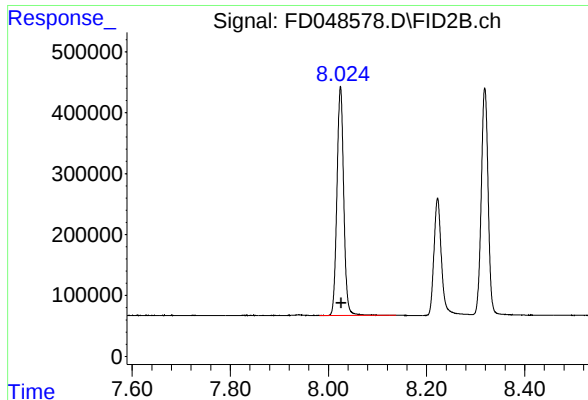
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 3689563
Conc: 20.63 ug/ml



#4 2-Bromonaphthalene (SURR)

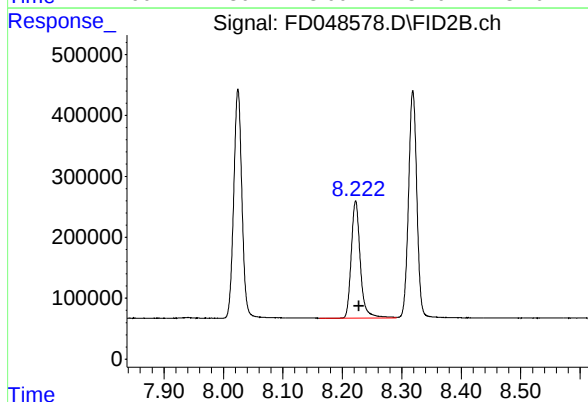
R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 3131942
Conc: 20.63 ug/ml



#5 Acenaphthylene (C15.06)

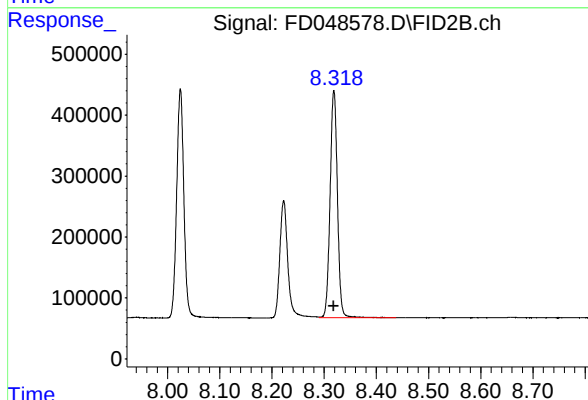
R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 3603804
Conc: 20.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



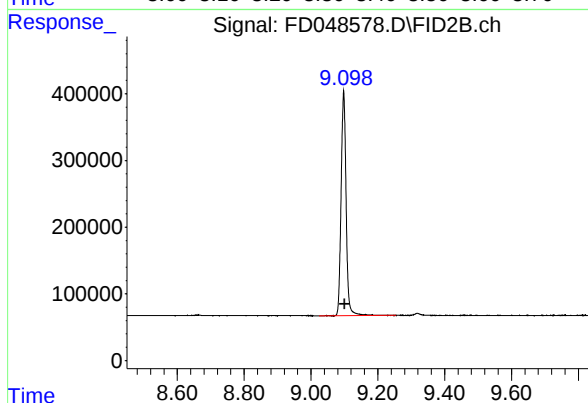
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 2044939
Conc: 20.83 ug/ml



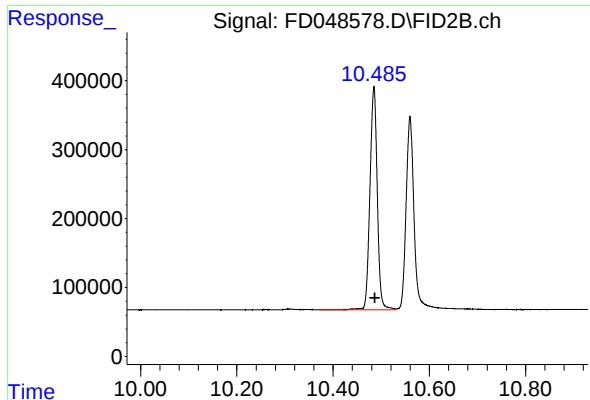
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3653653
Conc: 20.60 ug/ml



#8 Fluorene (C16.55)

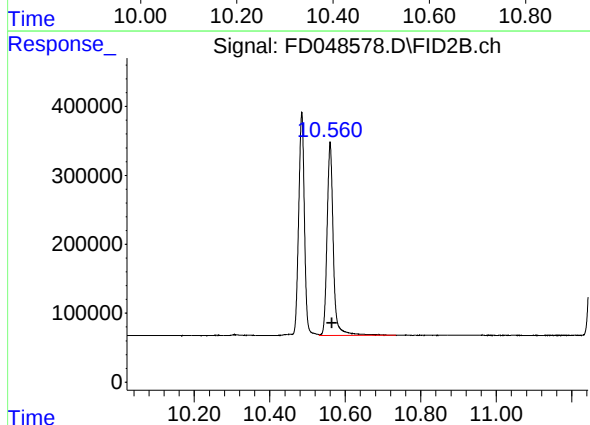
R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 3524273
Conc: 20.85 ug/ml



#9 Phenanthrene (C19.36)

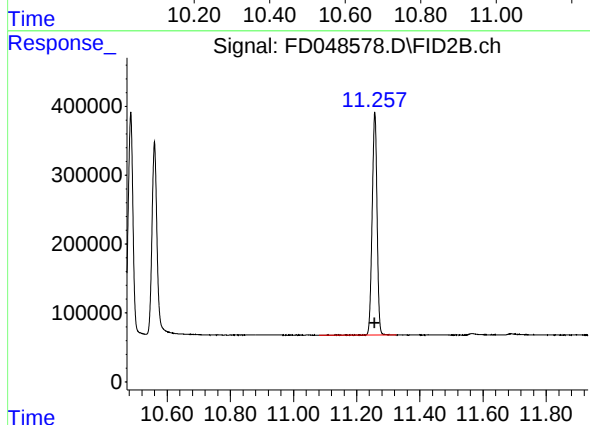
R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 3415584
Conc: 20.66 ug/ml

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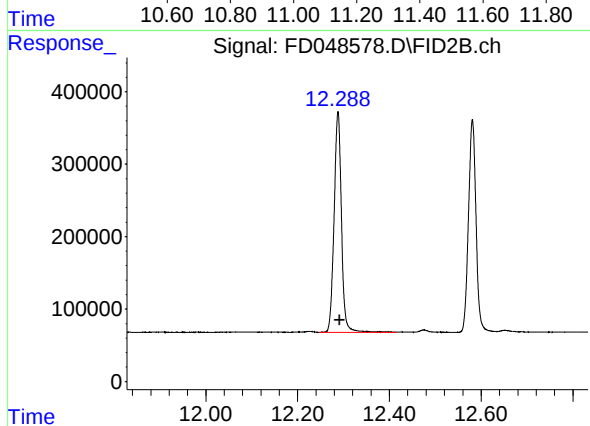
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.005 min
Response: 3218862
Conc: 20.13 ug/ml



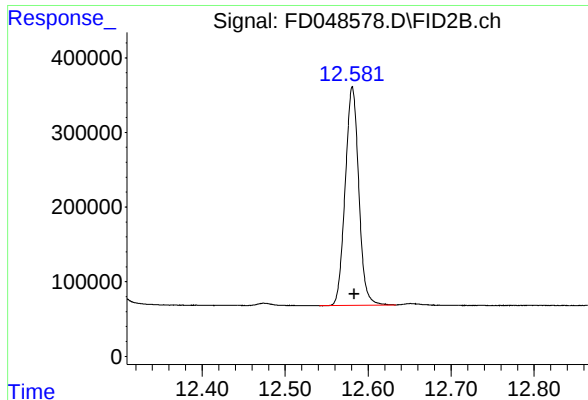
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 3498448
Conc: 20.54 ug/ml



#12 Fluoranthene (C21.85)

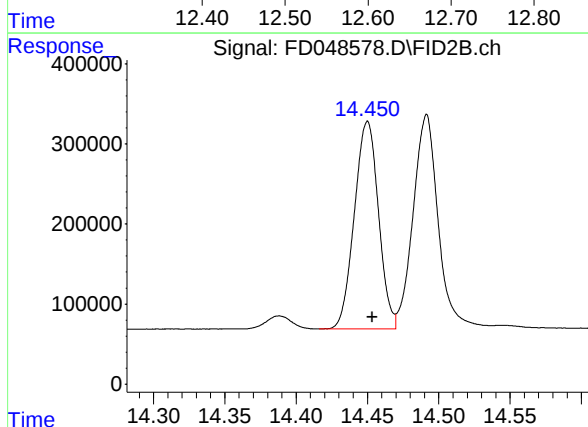
R.T.: 12.288 min
Delta R.T.: -0.003 min
Response: 3401173
Conc: 20.67 ug/ml



#13 Pyrene (C20.8)

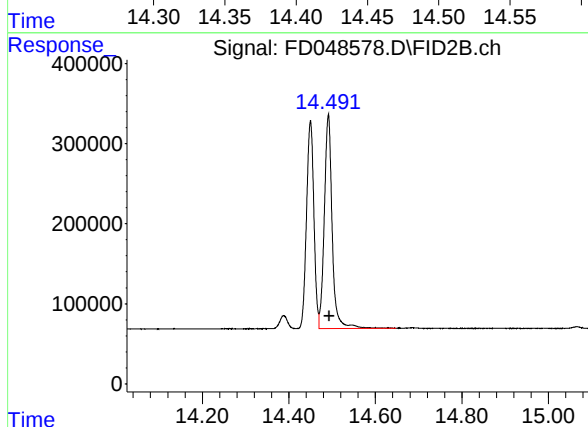
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3324367
Conc: 20.64 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



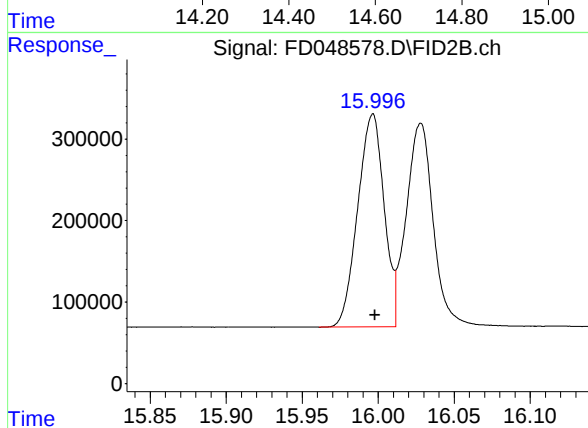
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 3053810
Conc: 20.89 ug/ml



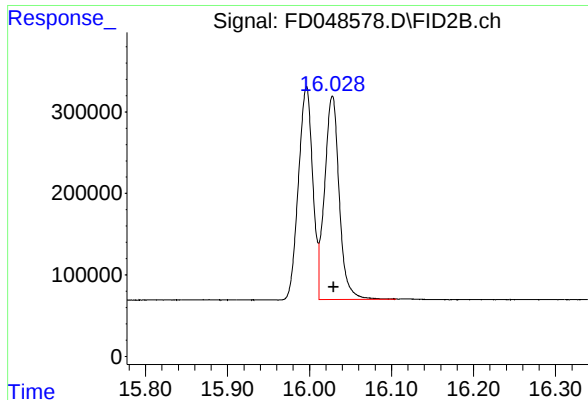
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 3363613
Conc: 20.45 ug/ml



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

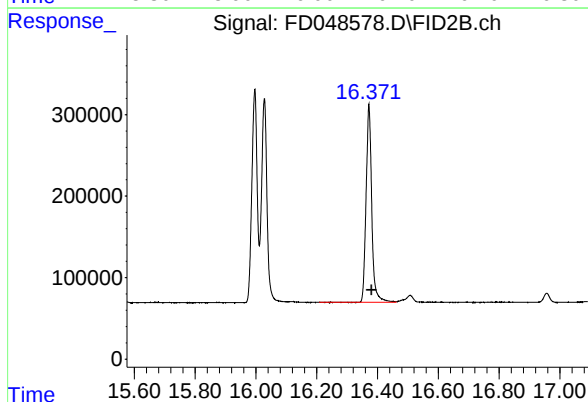
R.T.: 15.996 min
Delta R.T.: -0.002 min
Response: 3158217
Conc: 20.77 ug/ml



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

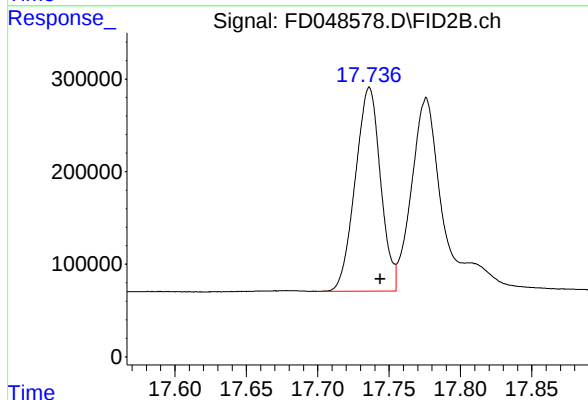
R.T.: 16.028 min
Delta R.T.: -0.002 min
Response: 3098041
Conc: 20.61 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



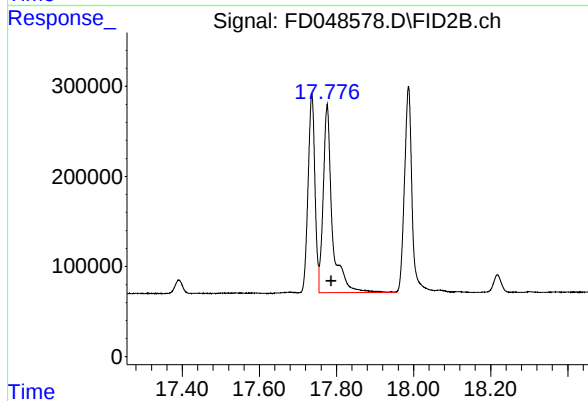
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: -0.009 min
Response: 3135525
Conc: 20.83 ug/ml



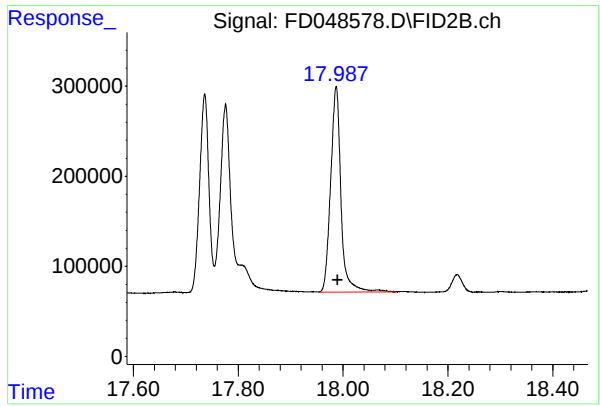
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.736 min
Delta R.T.: -0.008 min
Response: 2709329
Conc: 20.76 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.011 min
Response: 3408930
Conc: 20.95 ug/ml



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

R.T.: 17.987 min
Delta R.T.: -0.003 min
Response: 3118491
Conc: 20.37 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD