

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048777.D
 Signal(s) : FID2B.ch
 Acq On : 19 Nov 2024 10:04
 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: sample.E
 Quant Time: Nov 19 11:00:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.363	3623936	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
6) S 2-Fluorobiphenyl (SURR)	8.214	2381527	20.678 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.36%
11) S ortho-Terphenyl (SURR)	11.250	3963181	20.606 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	4019346	21.327 ug/ml
2) T Naphthalene (C11.7)	5.703	4094742	20.937 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	3995141	20.905 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4040322	20.834 ug/ml
7) T Acenaphthene (C15.5)	8.311	3970433	20.642 ug/ml
8) T Fluorene (C16.55)	9.089	3967991	20.682 ug/ml
9) T Phenanthrene (C19.36)	10.477	3818348	20.831 ug/ml
10) T Anthracene (C19.43)	10.553	3672924	19.613 ug/ml
12) T Fluoranthene (C21.85)	12.281	3810231	20.807 ug/ml
13) T Pyrene (C20.8)	12.574	3710671	20.524 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3436154	20.888 ug/ml
15) T Chrysene (C27.41)	14.486	3608190	20.617 ug/ml
16) T benzo[b]fluoranthene ...	15.992	3202884	20.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	3497339	21.430 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2988445	20.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	2485949	20.124 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	2737762	17.459 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	2737793	19.187 ug/ml

(f)=RT Delta > 1/2 Window

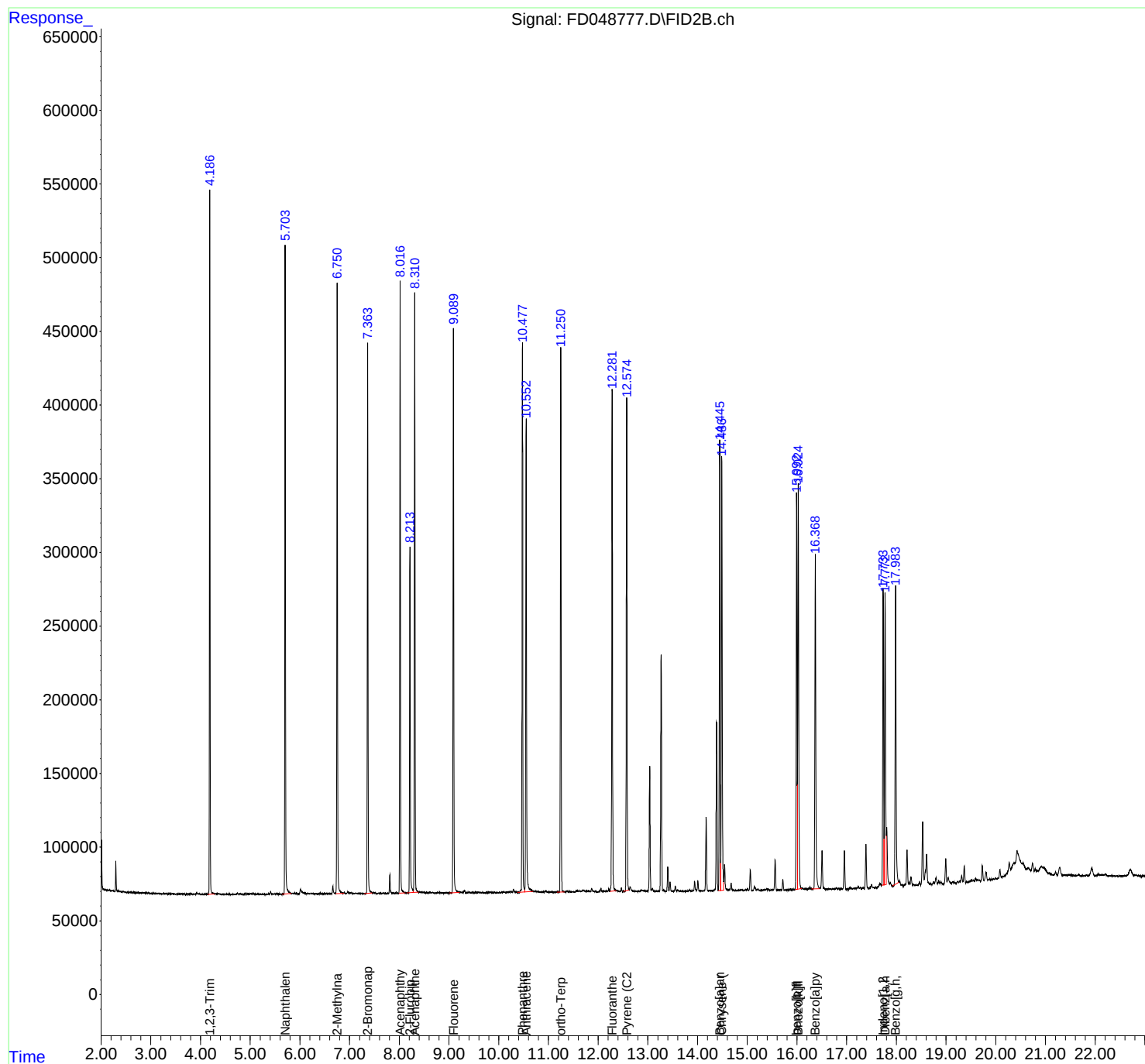
(m)=manual int.

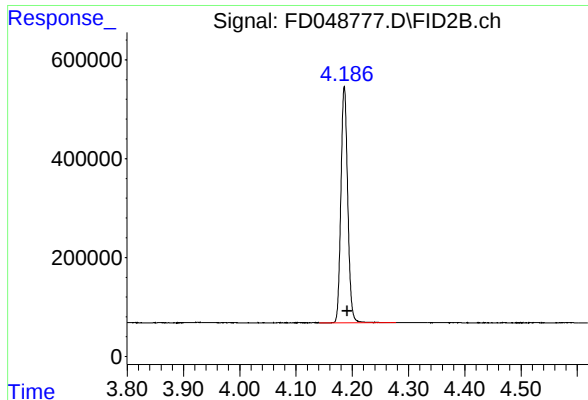
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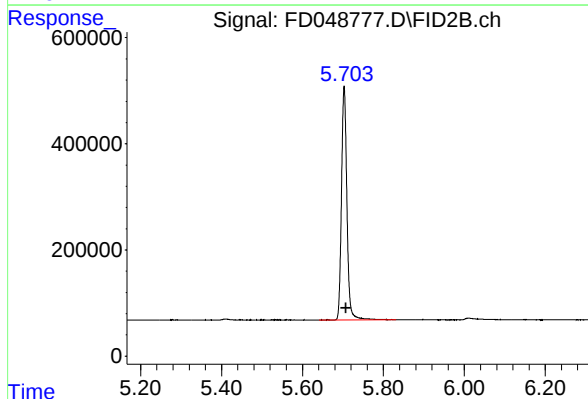




#1 1,2,3-Trimethylbenzene (C10.1)

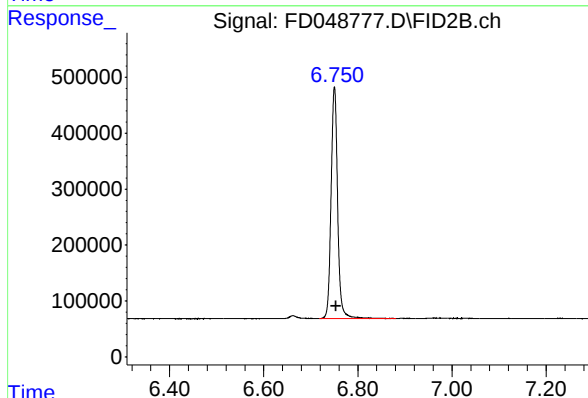
R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 4019346
Conc: 21.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



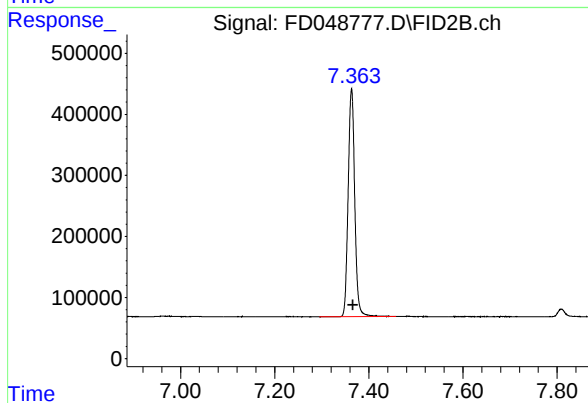
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 4094742
Conc: 20.94 ug/ml



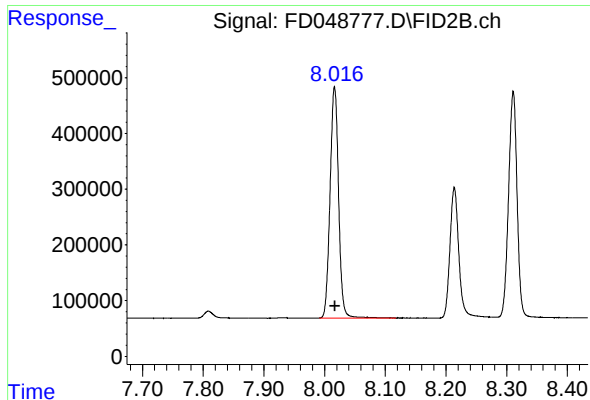
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 3995141
Conc: 20.91 ug/ml



#4 2-Bromonaphthalene (SURR)

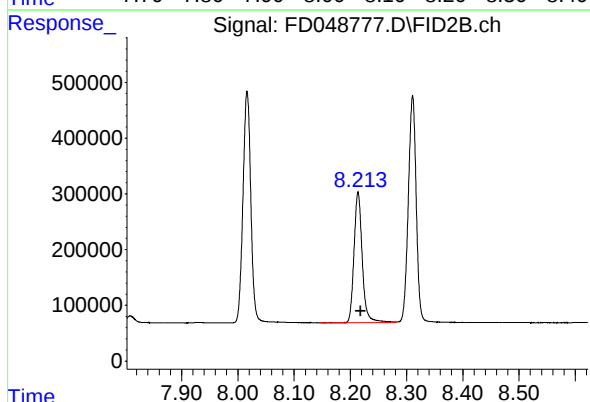
R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 3623936
Conc: 20.58 ug/ml



#5 Acenaphthylene (C15.06)

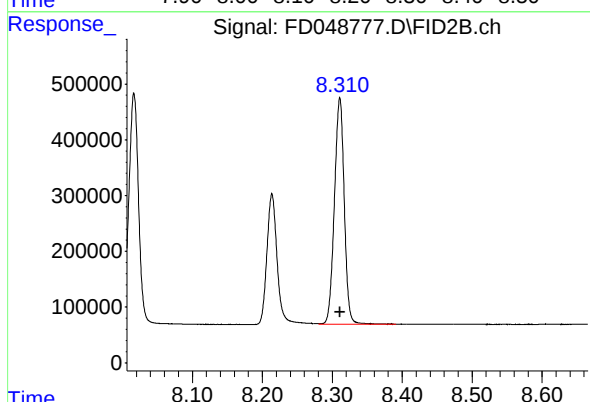
R.T.: 8.017 min
Delta R.T.: -0.001 min
Response: 4040322
Conc: 20.83 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



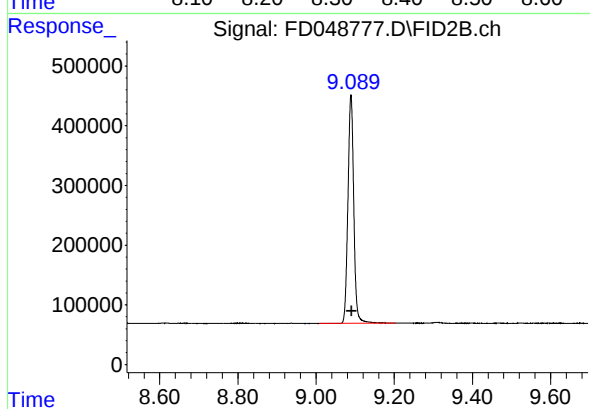
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 2381527
Conc: 20.68 ug/ml



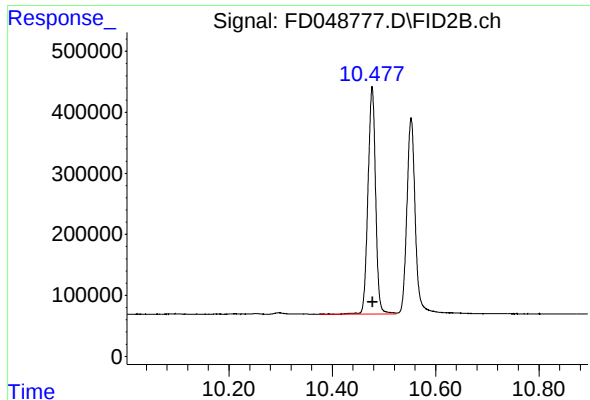
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 3970433
Conc: 20.64 ug/ml



#8 Flouorene (C16.55)

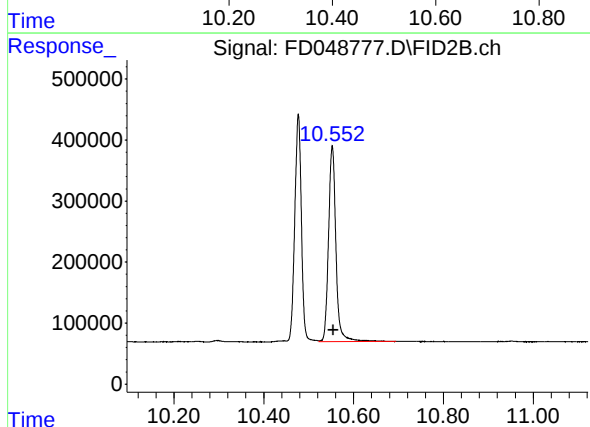
R.T.: 9.089 min
Delta R.T.: -0.002 min
Response: 3967991
Conc: 20.68 ug/ml



#9 Phenanthrene (C19.36)

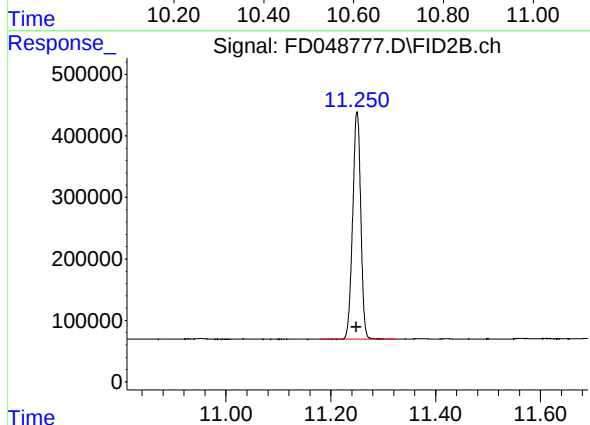
R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 3818348
Conc: 20.83 ug/ml

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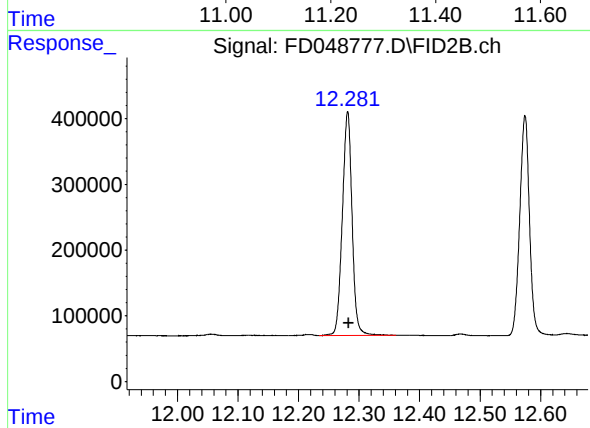
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.002 min
Response: 3672924
Conc: 19.61 ug/ml



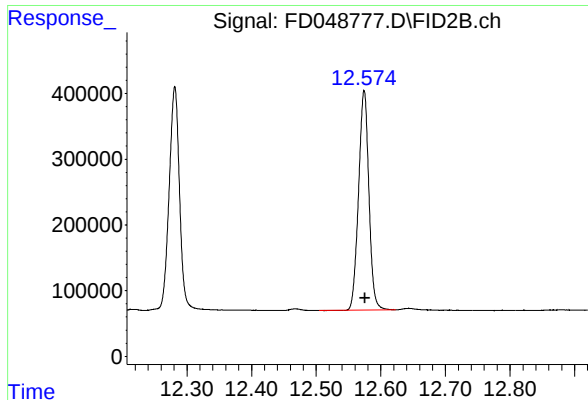
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.002 min
Response: 3963181
Conc: 20.61 ug/ml



#12 Fluoranthene (C21.85)

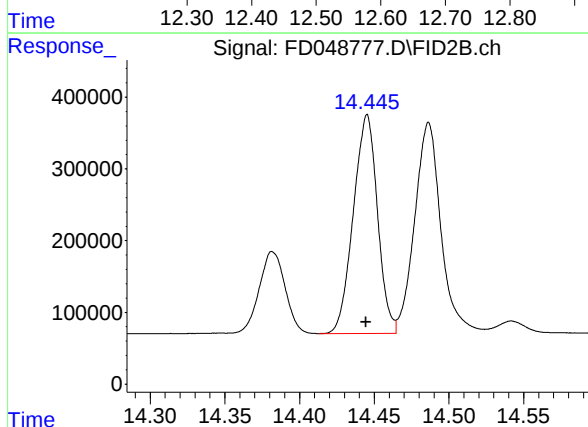
R.T.: 12.281 min
Delta R.T.: -0.001 min
Response: 3810231
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

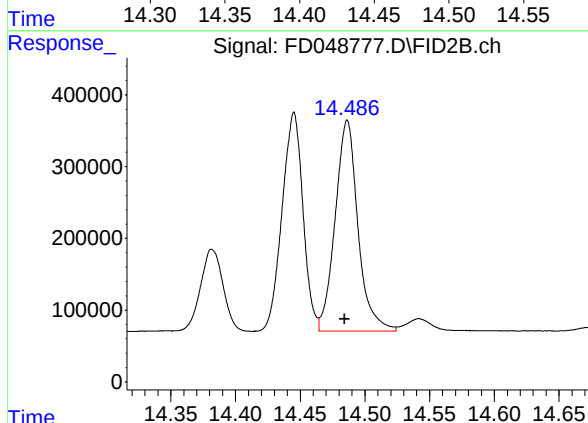
R.T.: 12.574 min
Delta R.T.: -0.001 min
Response: 3710671
Conc: 20.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



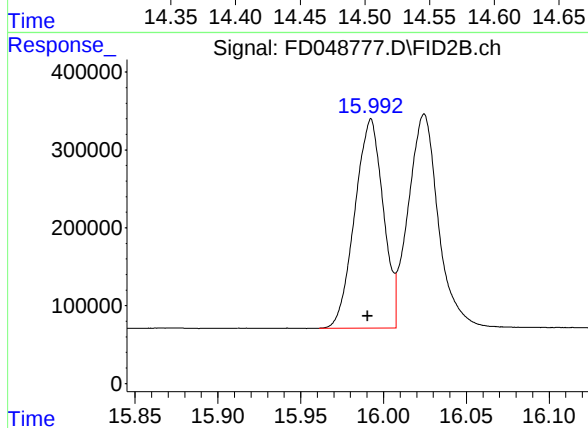
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 3436154
Conc: 20.89 ug/ml



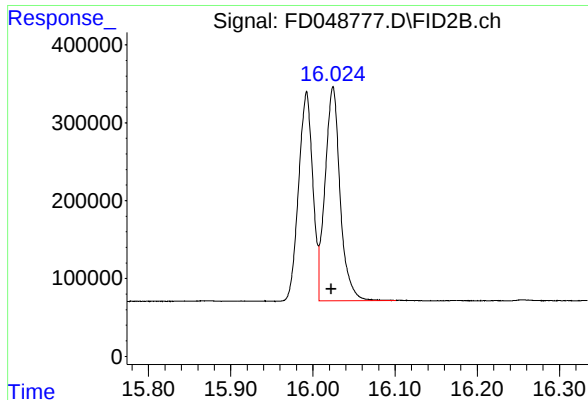
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.002 min
Response: 3608190
Conc: 20.62 ug/ml



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

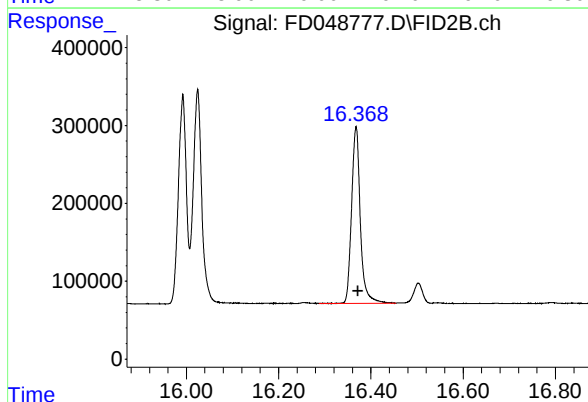
R.T.: 15.992 min
Delta R.T.: 0.002 min
Response: 3202884
Conc: 20.39 ug/ml



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

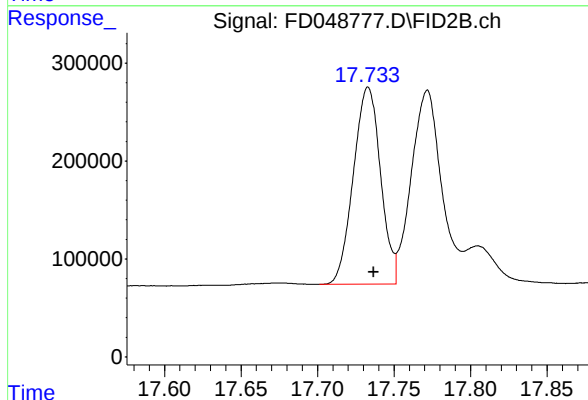
R.T.: 16.024 min
Delta R.T.: 0.002 min
Response: 3497339
Conc: 21.43 ug/ml

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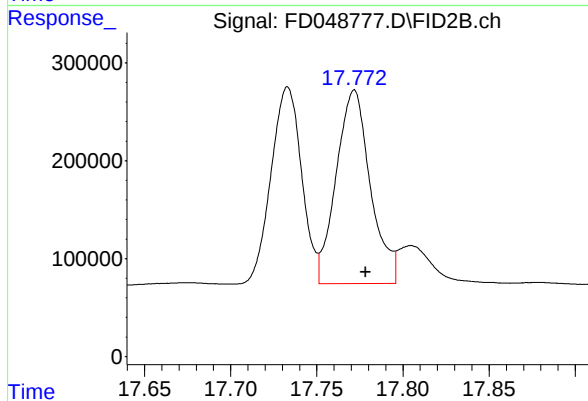
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.005 min
Response: 2988445
Conc: 20.04 ug/ml



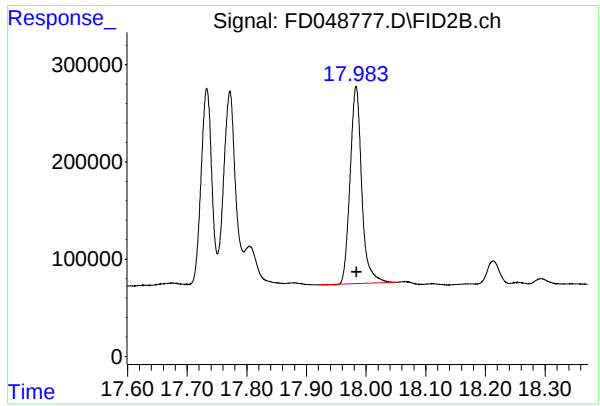
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: -0.004 min
Response: 2485949
Conc: 20.12 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.007 min
Response: 2737762
Conc: 17.46 ug/ml



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

R.T.: 17.983 min
Delta R.T.: -0.001 min
Response: 2737793
Conc: 19.19 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD