

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048780.D
 Signal(s) : FID2B.ch
 Acq On : 19 Nov 2024 11:54
 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 13:02:32 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...	7.365	3642061	20.687 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
6) S 2-Fluorobiphenyl (SURR)	8.215	2398970	20.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.66%
11) S ortho-Terphenyl (SURR)	11.250	3990974	20.750 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	4041624	21.445 ug/ml
2) T Naphthalene (C11.7)	5.705	4112819	21.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	3992712	20.893 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4058595	20.929 ug/ml
7) T Acenaphthene (C15.5)	8.311	4008405	20.840 ug/ml
8) T Fluorene (C16.55)	9.090	3986485	20.779 ug/ml
9) T Phenanthrene (C19.36)	10.477	3833784	20.915 ug/ml
10) T Anthracene (C19.43)	10.553	3668404	19.589 ug/ml
12) T Fluoranthene (C21.85)	12.282	3831327	20.922 ug/ml
13) T Pyrene (C20.8)	12.574	3737021	20.670 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3470975	21.100 ug/ml
15) T Chrysene (C27.41)	14.486	3645904	20.832 ug/ml
16) T benzo[b]fluoranthene ...	15.992	3243393	20.643 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	3567715	21.861 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	3048141	20.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	2512963	20.343 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3289917	20.980 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	2769721	19.411 ug/ml

(f)=RT Delta > 1/2 Window

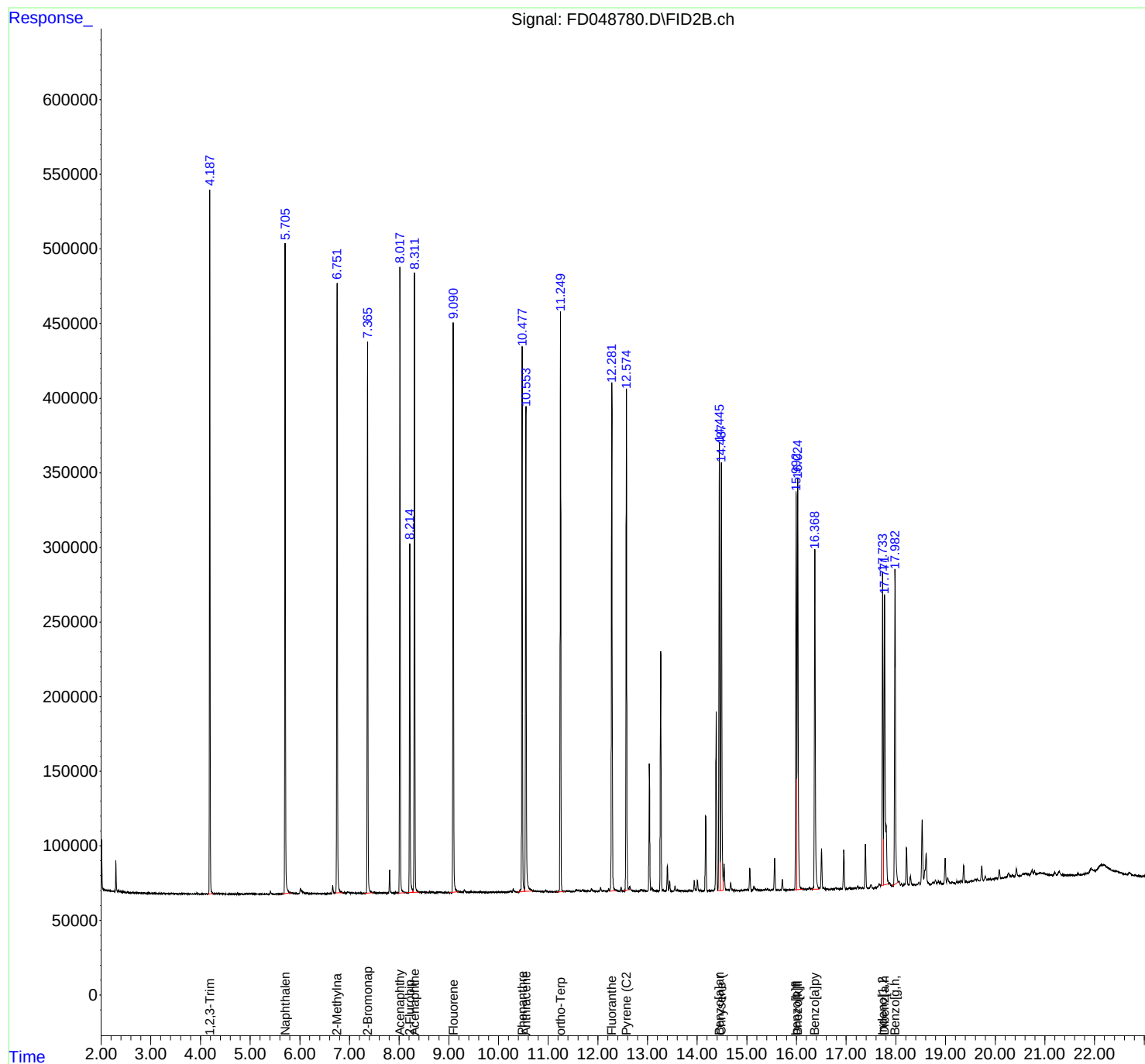
(m)=manual int.

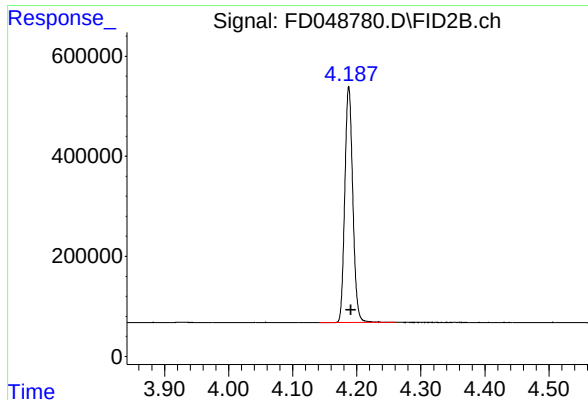
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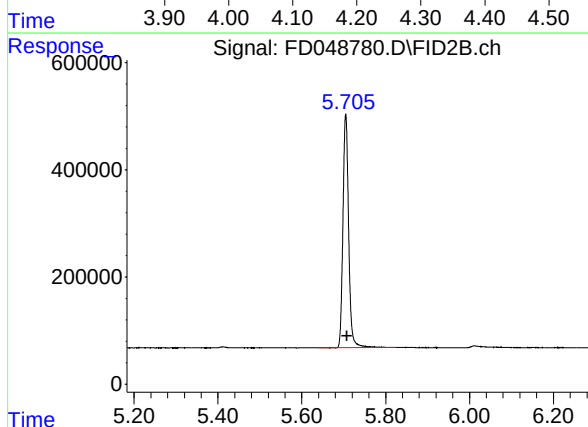




#1 1,2,3-Trimethylbenzene (C10.1)

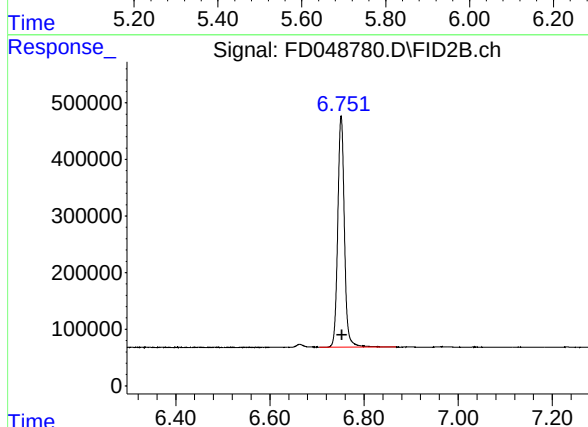
R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 4041624
Conc: 21.45 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



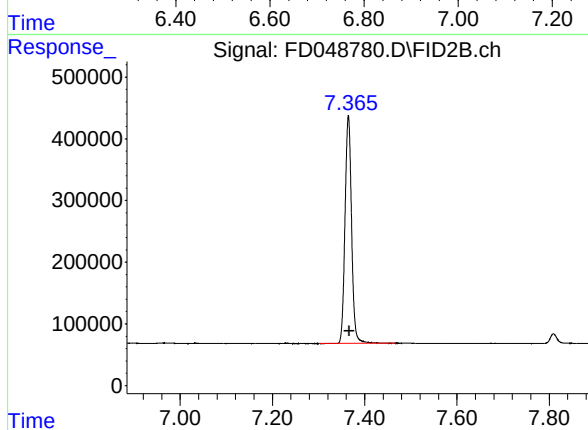
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 4112819
Conc: 21.03 ug/ml



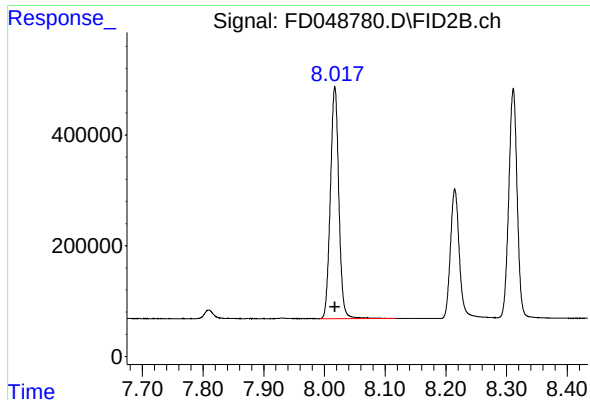
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 3992712
Conc: 20.89 ug/ml



#4 2-Bromonaphthalene (SURR)

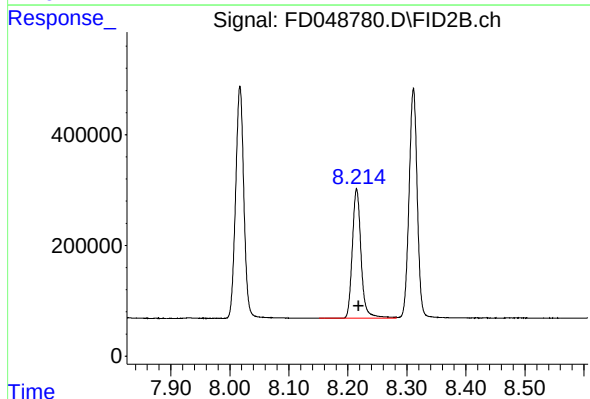
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3642061
Conc: 20.69 ug/ml



#5 Acenaphthylene (C15.06)

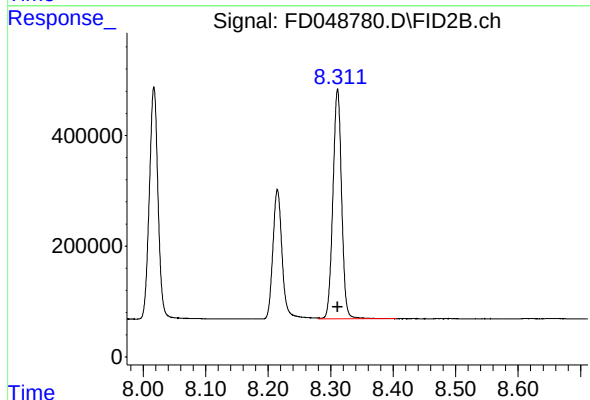
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 4058595
Conc: 20.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



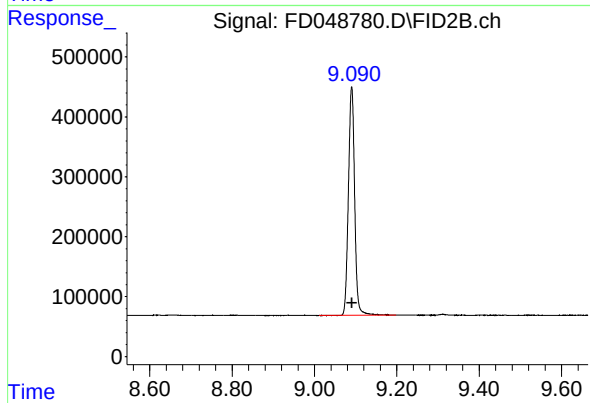
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 2398970
Conc: 20.83 ug/ml



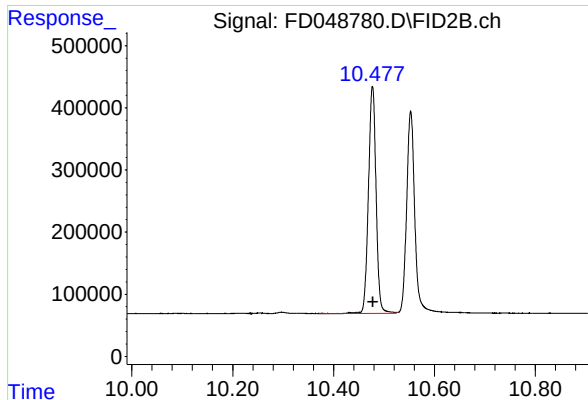
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 4008405
Conc: 20.84 ug/ml



#8 Flouorene (C16.55)

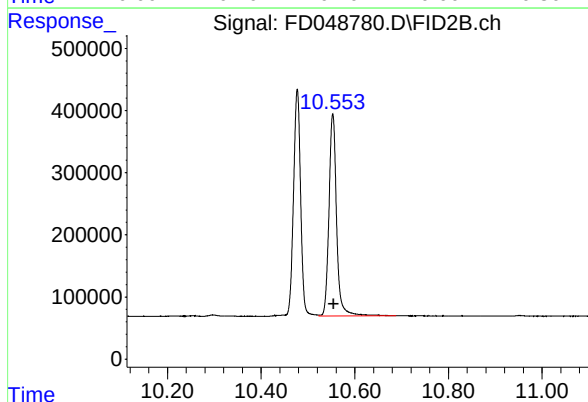
R.T.: 9.090 min
Delta R.T.: -0.001 min
Response: 3986485
Conc: 20.78 ug/ml



#9 Phenanthrene (C19.36)

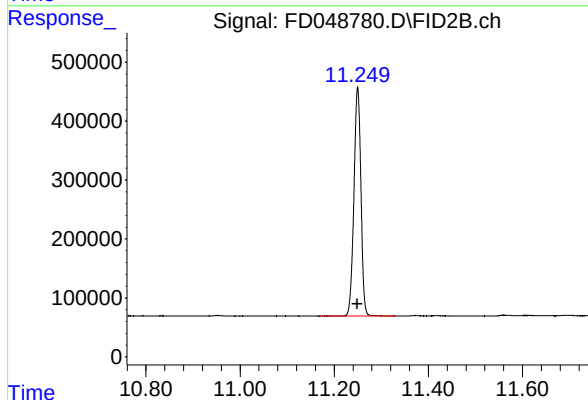
R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 3833784
Conc: 20.92 ug/ml

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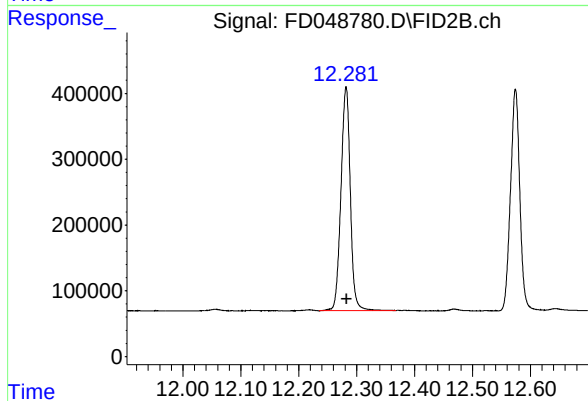
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.001 min
Response: 3668404
Conc: 19.59 ug/ml



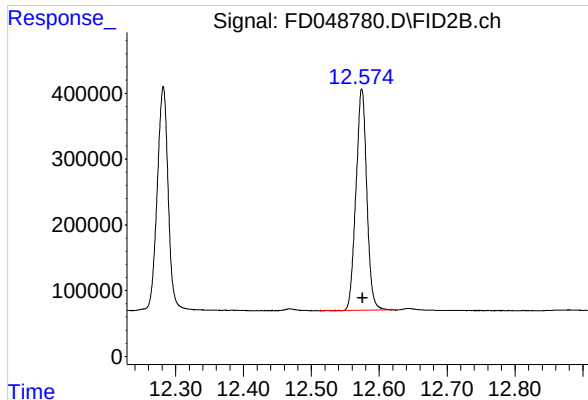
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.001 min
Response: 3990974
Conc: 20.75 ug/ml



#12 Fluoranthene (C21.85)

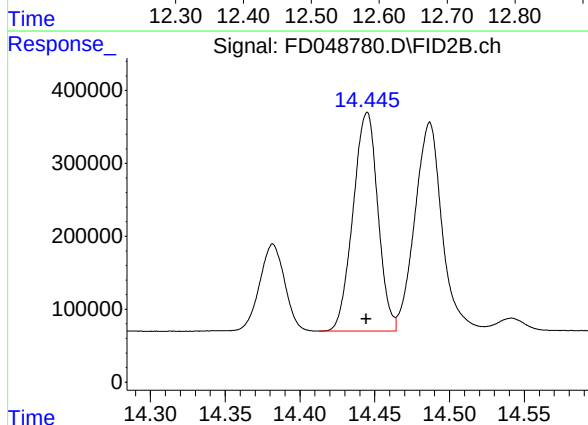
R.T.: 12.282 min
Delta R.T.: 0.000 min
Response: 3831327
Conc: 20.92 ug/ml



#13 Pyrene (C20.8)

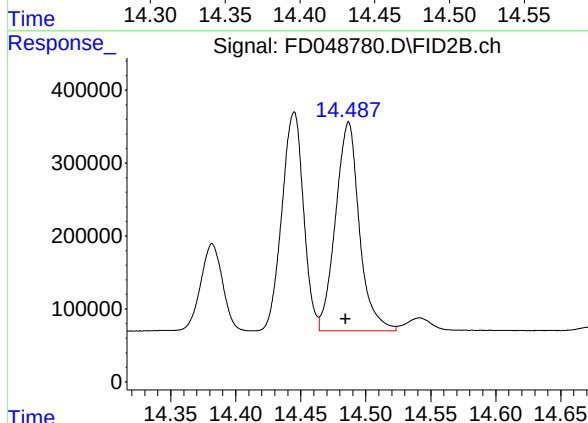
R.T.: 12.574 min
Delta R.T.: 0.000 min
Response: 3737021
Conc: 20.67 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



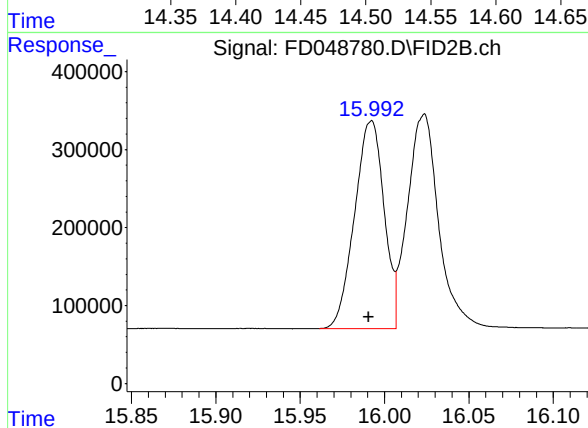
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 3470975
Conc: 21.10 ug/ml



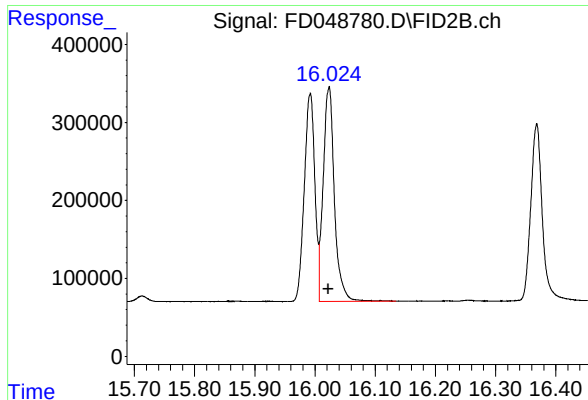
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.002 min
Response: 3645904
Conc: 20.83 ug/ml



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

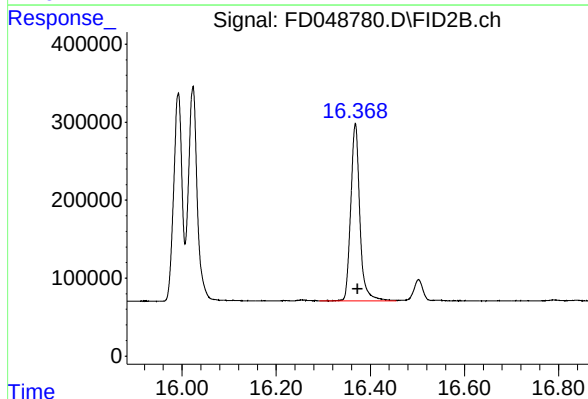
R.T.: 15.992 min
Delta R.T.: 0.001 min
Response: 3243393
Conc: 20.64 ug/ml



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

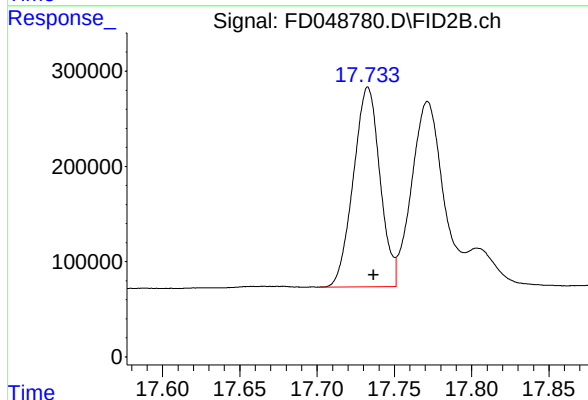
R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3567715
Conc: 21.86 ug/ml

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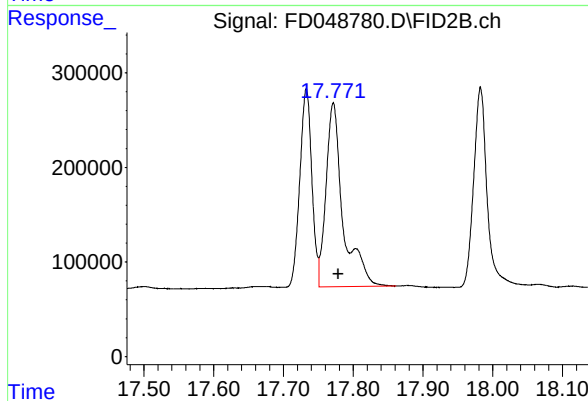
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.004 min
Response: 3048141
Conc: 20.44 ug/ml



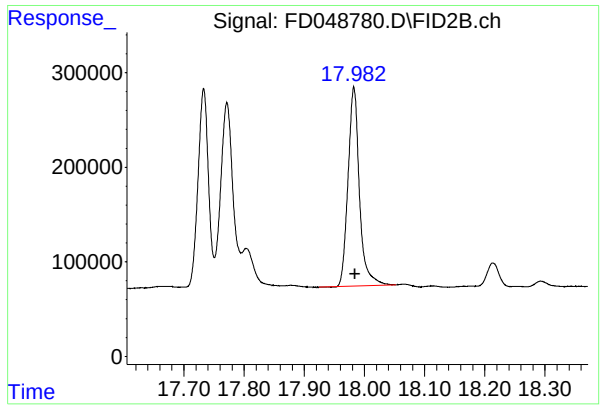
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: -0.004 min
Response: 2512963
Conc: 20.34 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.007 min
Response: 3289917
Conc: 20.98 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.002 min
Response: 2769721
Conc: 19.41 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD