

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103024AR\
 Data File : FD048622.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 14:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 01 01:02:22 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...	7.371	3188187	21.005 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
6) S 2-Fluorobiphenyl (SURR)	8.221	2084345	21.227 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.45%
11) S ortho-Terphenyl (SURR)	11.255	3598453	21.125 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	3634010	20.889 ug/ml
2) T Naphthalene (C11.7)	5.712	3737331	20.945 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	3750826	20.970 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3645995	20.764 ug/ml
7) T Acenaphthene (C15.5)	8.317	3712021	20.929 ug/ml
8) T Fluorene (C16.55)	9.096	3546056	20.978 ug/ml
9) T Phenanthrene (C19.36)	10.483	3485497	21.085 ug/ml
10) T Anthracene (C19.43)	10.558	2868629	17.939 ug/ml
12) T Fluoranthene (C21.85)	12.285	3485328	21.178 ug/ml
13) T Pyrene (C20.8)	12.579	3446550	21.397 ug/ml
14) T Benzo[a]anthracene (C...	14.448	3159794	21.611 ug/ml
15) T Chrysene (C27.41)	14.489	3503664	21.300 ug/ml
16) T benzo[b]fluoranthene ...	15.994	3350559	22.039 ug/ml
17) T Bnezo[k]fluoranthene ...	16.025	3253286	21.645 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	3338521	22.184 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	2888384	22.137 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	3671524	22.561 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	3423903	22.365 ug/ml

(f)=RT Delta > 1/2 Window

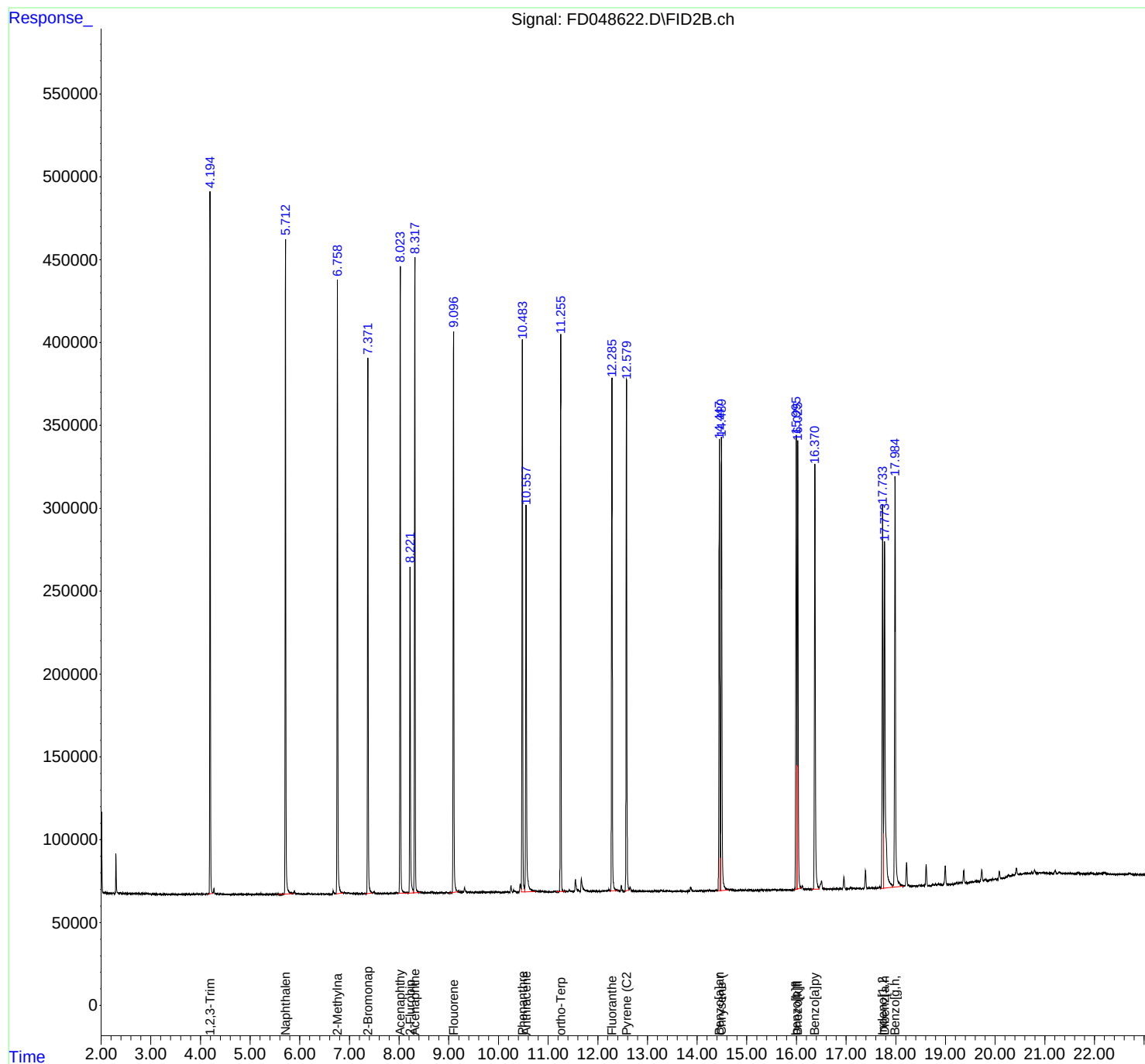
(m)=manual int.

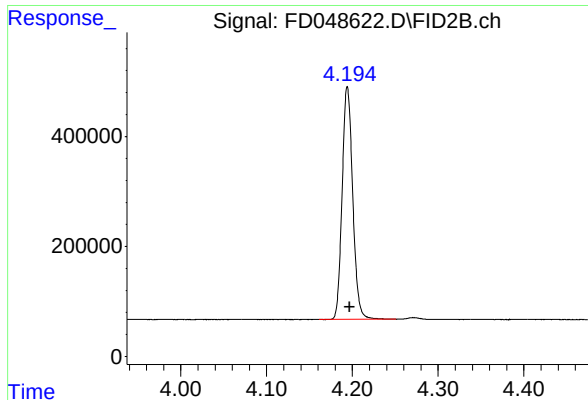
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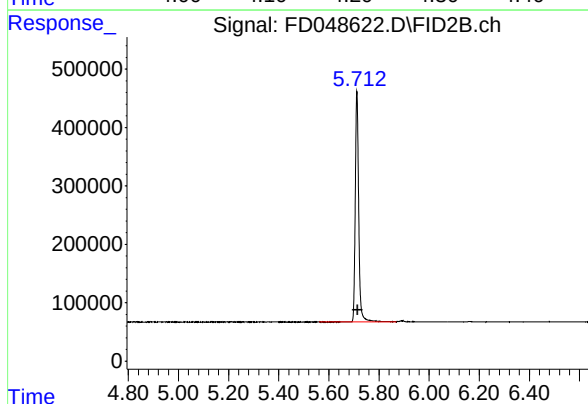




#1 1,2,3-Trimethylbenzene (C10.1)

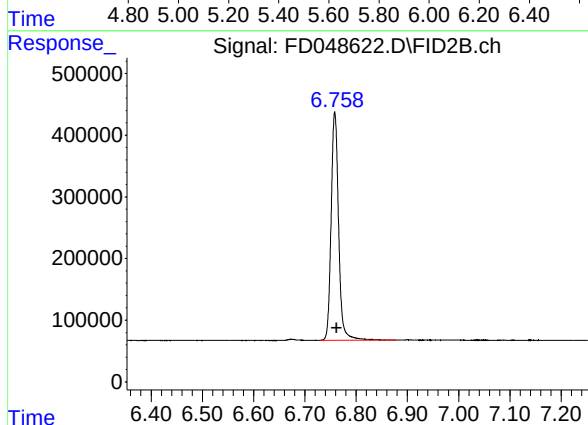
R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 3634010
Conc: 20.89 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



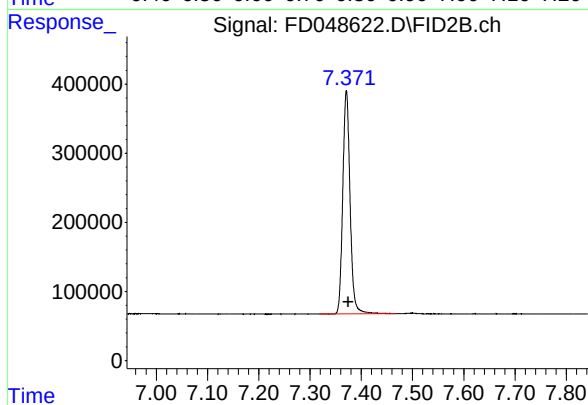
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 3737331
Conc: 20.95 ug/ml



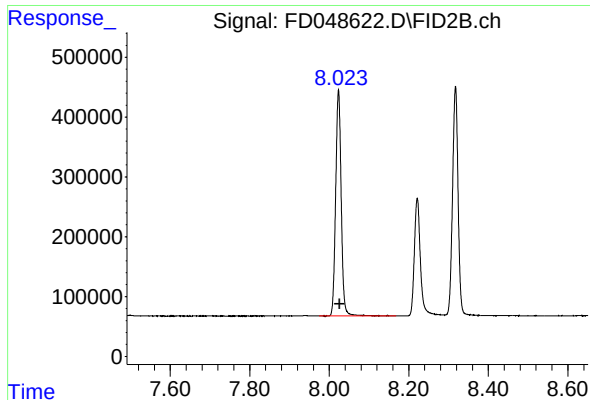
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 3750826
Conc: 20.97 ug/ml



#4 2-Bromonaphthalene (SURR)

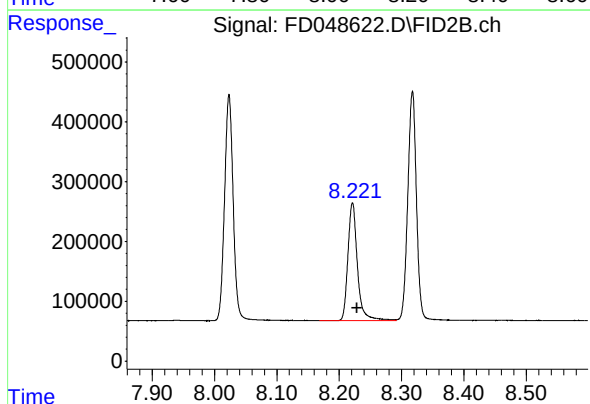
R.T.: 7.371 min
Delta R.T.: -0.003 min
Response: 3188187
Conc: 21.01 ug/ml



#5 Acenaphthylene (C15.06)

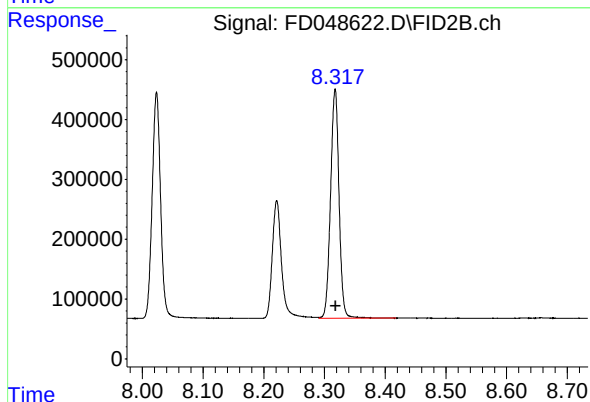
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 3645995
Conc: 20.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



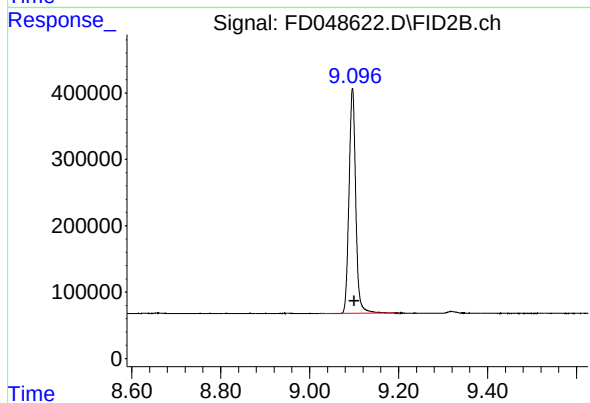
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 2084345
Conc: 21.23 ug/ml



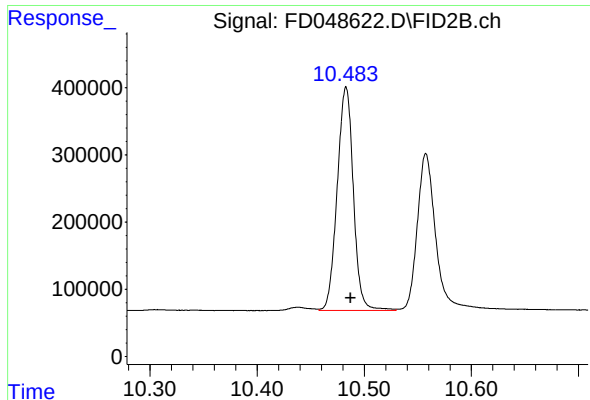
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 3712021
Conc: 20.93 ug/ml



#8 Fluorene (C16.55)

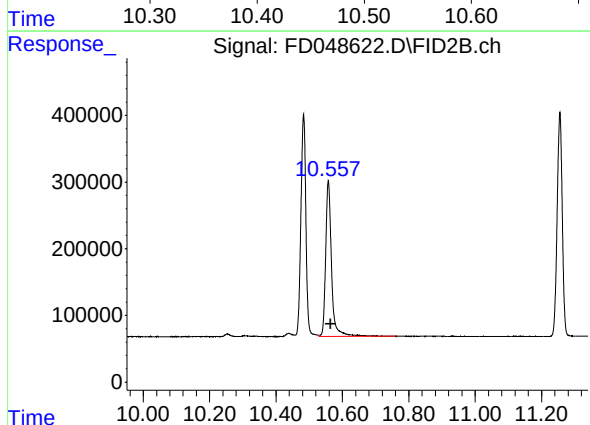
R.T.: 9.096 min
Delta R.T.: -0.004 min
Response: 3546056
Conc: 20.98 ug/ml



#9 Phenanthrene (C19.36)

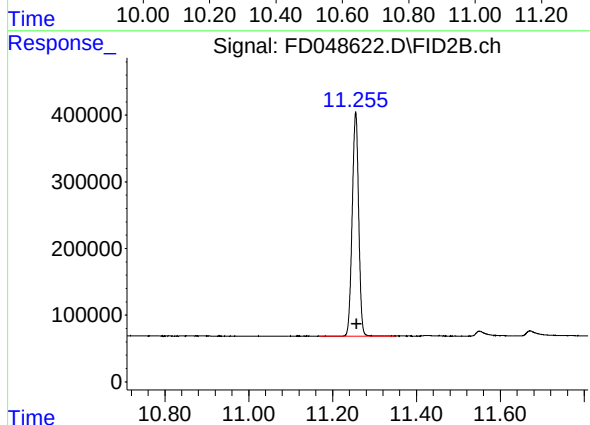
R.T.: 10.483 min
Delta R.T.: -0.004 min
Response: 3485497
Conc: 21.09 ug/ml

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20 PPM AROMATIC HC STD



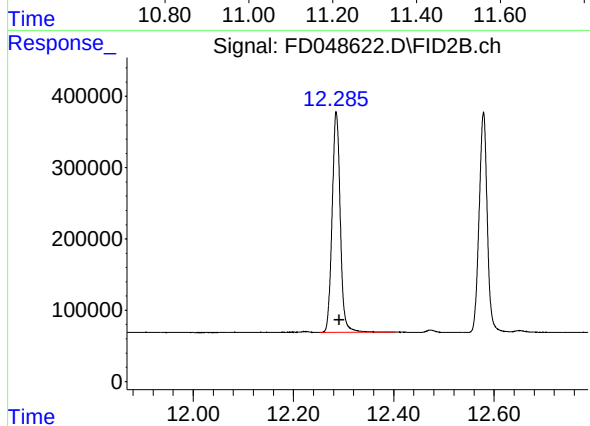
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.007 min
Response: 2868629
Conc: 17.94 ug/ml



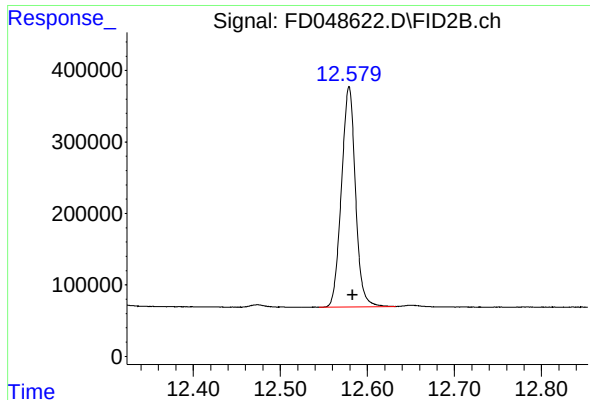
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 3598453
Conc: 21.13 ug/ml



#12 Fluoranthene (C21.85)

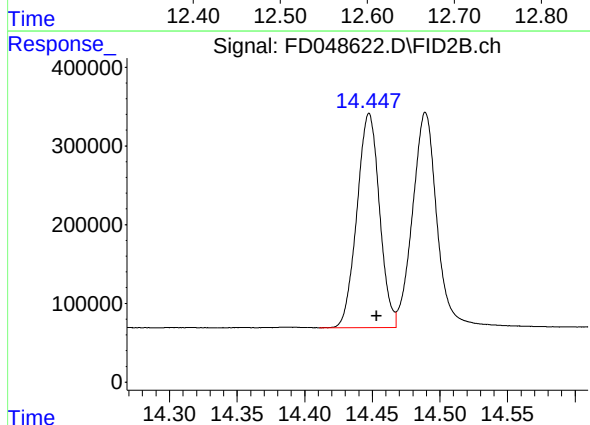
R.T.: 12.285 min
Delta R.T.: -0.006 min
Response: 3485328
Conc: 21.18 ug/ml



#13 Pyrene (C20.8)

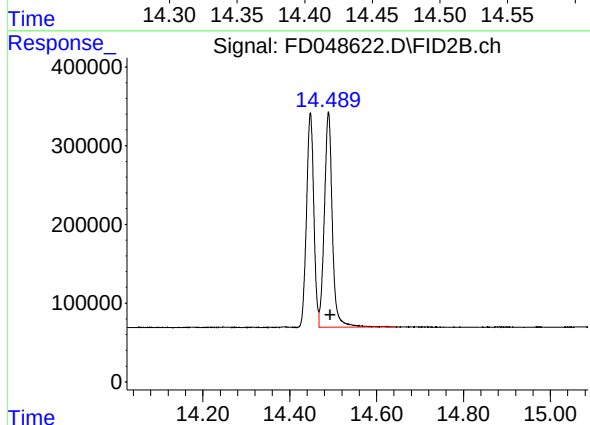
R.T.: 12.579 min
Delta R.T.: -0.004 min
Response: 3446550
Conc: 21.40 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



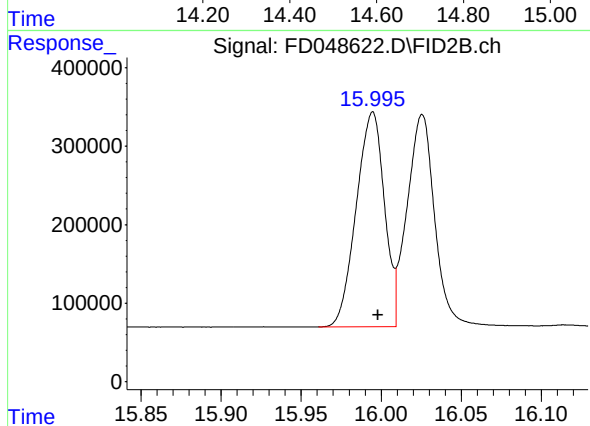
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: -0.006 min
Response: 3159794
Conc: 21.61 ug/ml



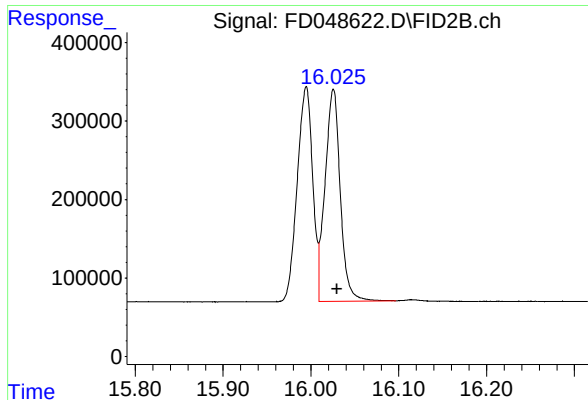
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.004 min
Response: 3503664
Conc: 21.30 ug/ml



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

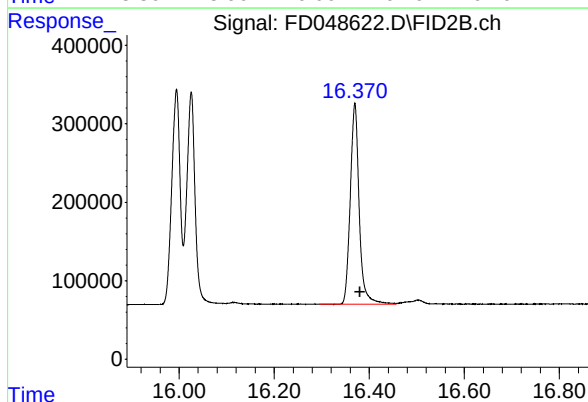
R.T.: 15.994 min
Delta R.T.: -0.004 min
Response: 3350559
Conc: 22.04 ug/ml



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

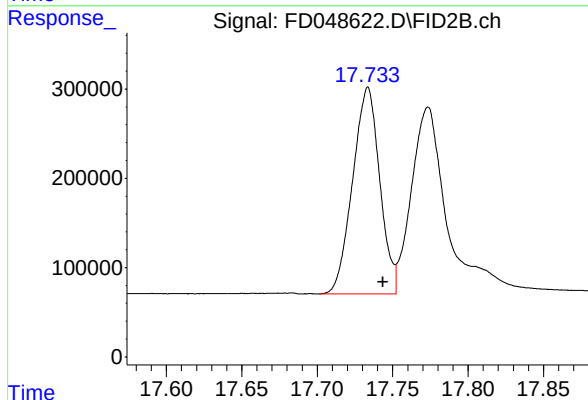
R.T.: 16.025 min
Delta R.T.: -0.004 min
Response: 3253286
Conc: 21.64 ug/ml

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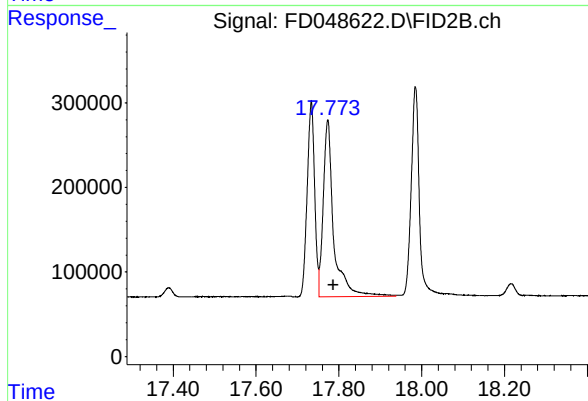
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: -0.011 min
Response: 3338521
Conc: 22.18 ug/ml



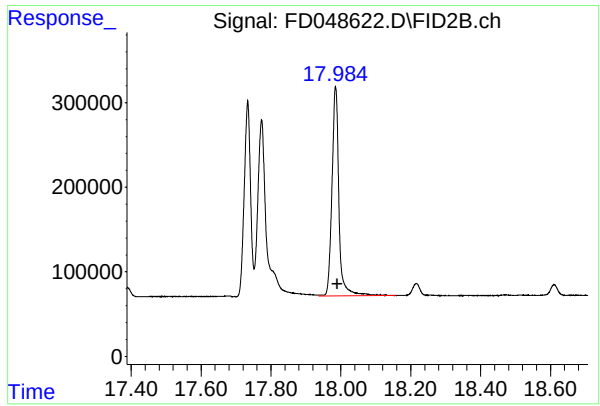
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: -0.010 min
Response: 2888384
Conc: 22.14 ug/ml



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

R.T.: 17.773 min
Delta R.T.: -0.013 min
Response: 3671524
Conc: 22.56 ug/ml



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

R.T.: 17.985 min
Delta R.T.: -0.005 min
Response: 3423903
Conc: 22.37 ug/ml

Instrument :

FID_D

ClientSampleId :

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