

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048504.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 22:48
 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 15 06:01:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.377	3192519	19.282 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
6) S 2-Fluorobiphenyl (SURR)	8.226	2116204	20.406 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.263	3591730	19.521 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	3622961	20.672 ug/ml
2) T Naphthalene (C11.7)	5.717	3733005	19.993 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	3768303	19.939 ug/ml
5) T Acenaphthylene (C15.06)	8.029	3703439	19.305 ug/ml
7) T Acenaphthene (C15.5)	8.324	3730656	19.723 ug/ml
8) T Fluorene (C16.55)	9.103	3589452	19.867 ug/ml
9) T Phenanthrene (C19.36)	10.490	3522547	19.876 ug/ml
10) T Anthracene (C19.43)	10.564	3338112	18.760 ug/ml
12) T Fluoranthene (C21.85)	12.294	3474989	19.212 ug/ml
13) T Pyrene (C20.8)	12.587	3422096	19.111 ug/ml
14) T Benzo[a]anthracene (C...	14.456	3182583	19.914 ug/ml
15) T Chrysene (C27.41)	14.498	3409035	18.276 ug/ml
16) T benzo[b]fluoranthene ...	16.004	3263324	19.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	3148251	18.547 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.379	3248269	19.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	2882480	21.913 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	3404404	20.345 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	3229917	19.886 ug/ml

(f)=RT Delta > 1/2 Window

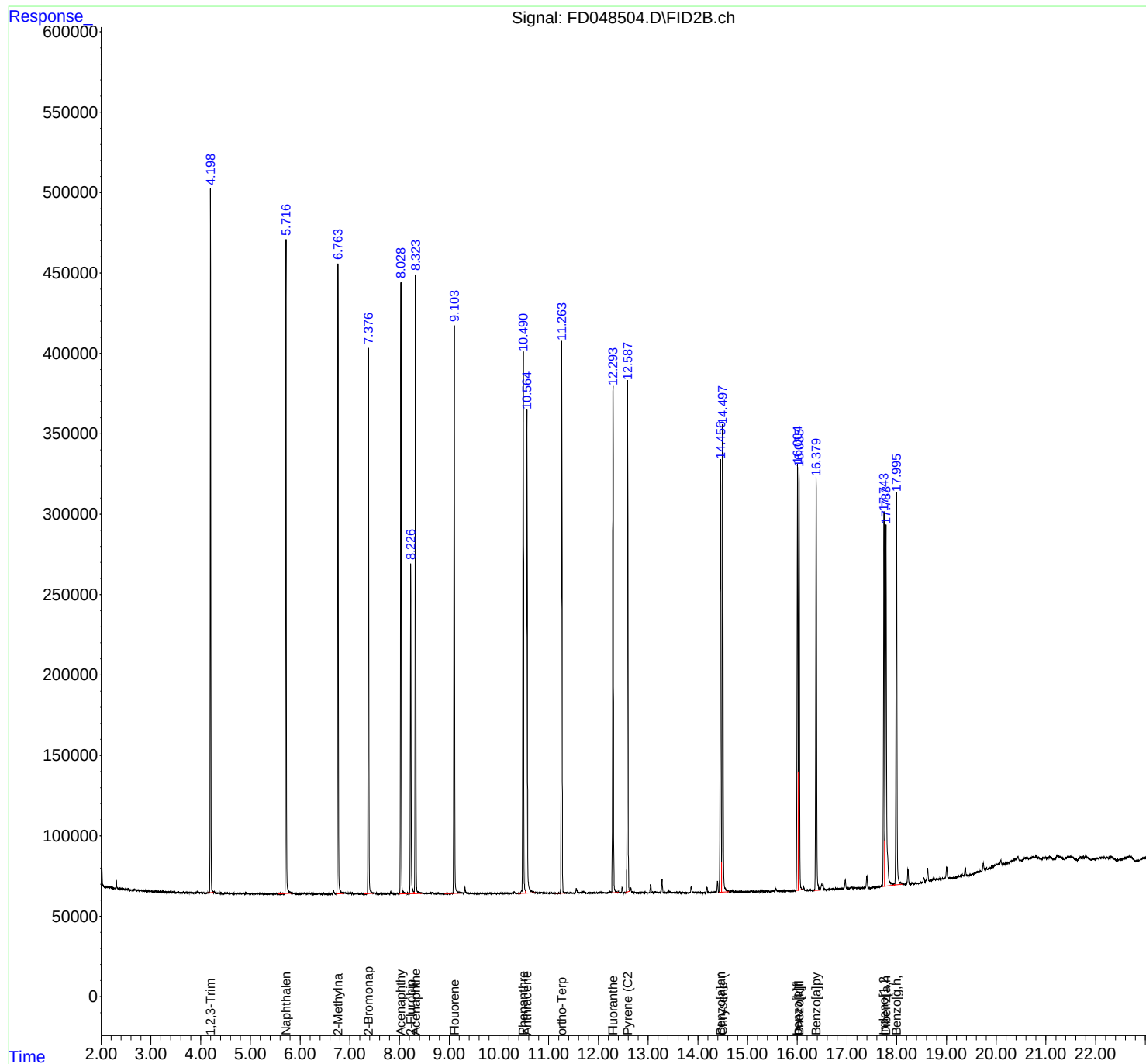
(m)=manual int.

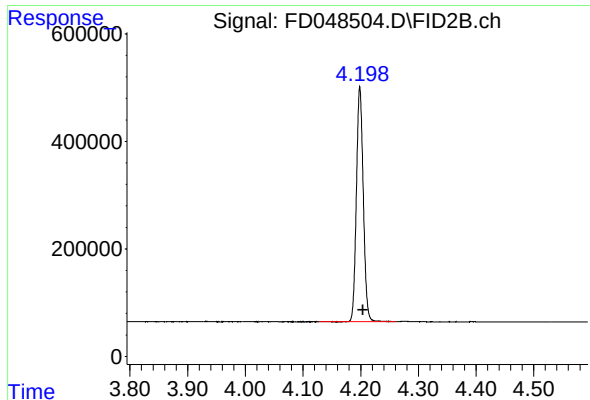
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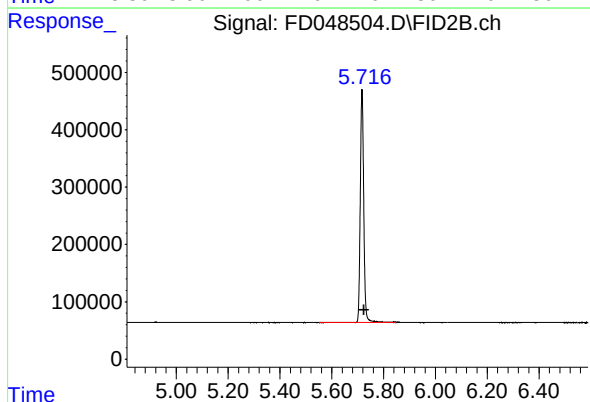




#1 1,2,3-Trimethylbenzene (C10.1)

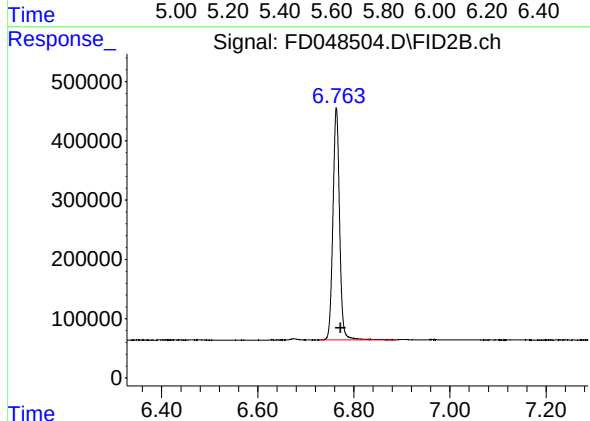
R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 3622961
Conc: 20.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



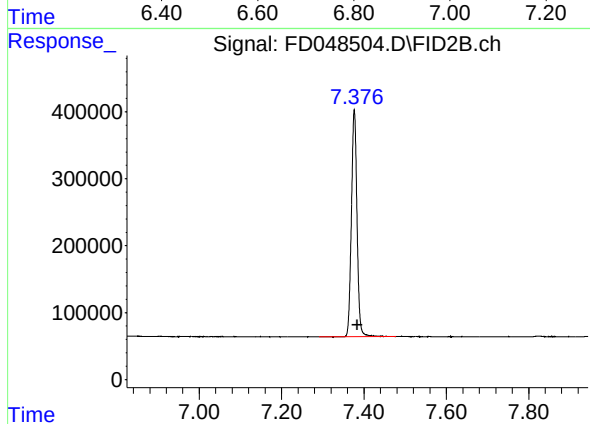
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: -0.008 min
Response: 3733005
Conc: 19.99 ug/ml



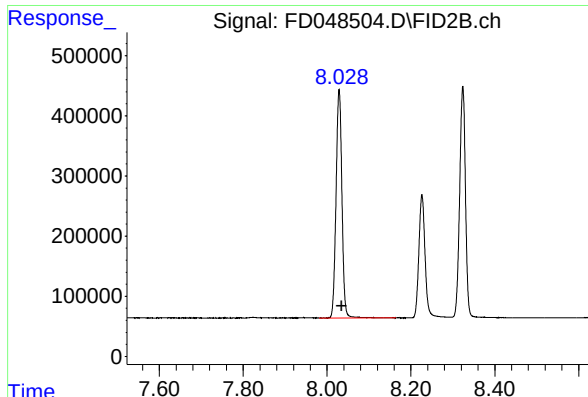
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 3768303
Conc: 19.94 ug/ml



#4 2-Bromonaphthalene (SURR)

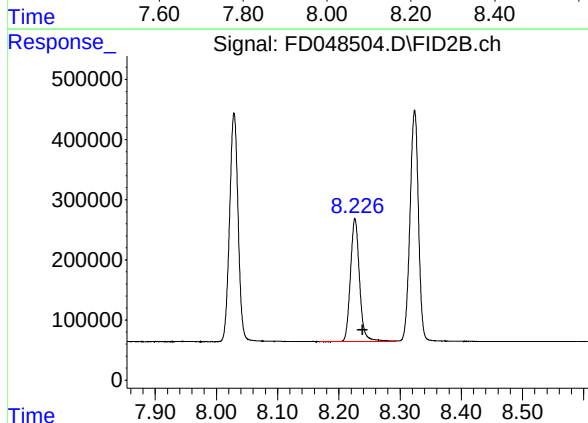
R.T.: 7.377 min
Delta R.T.: -0.008 min
Response: 3192519
Conc: 19.28 ug/ml



#5 Acenaphthylene (C15.06)

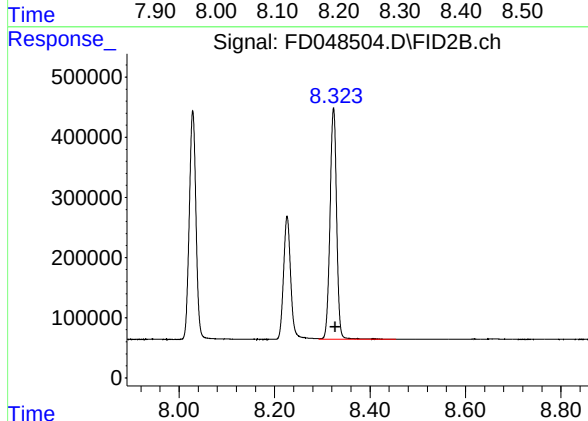
R.T.: 8.029 min
Delta R.T.: -0.007 min
Response: 3703439
Conc: 19.30 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



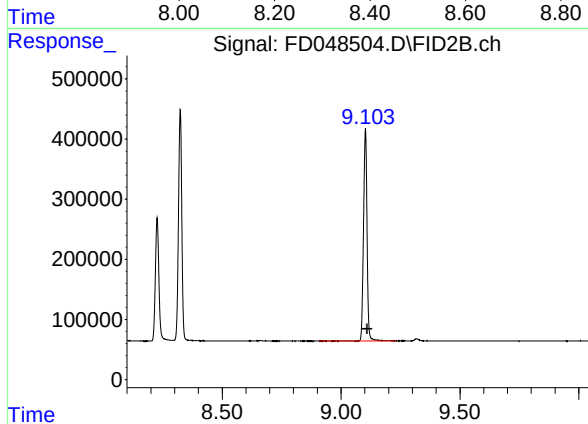
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: -0.012 min
Response: 2116204
Conc: 20.41 ug/ml



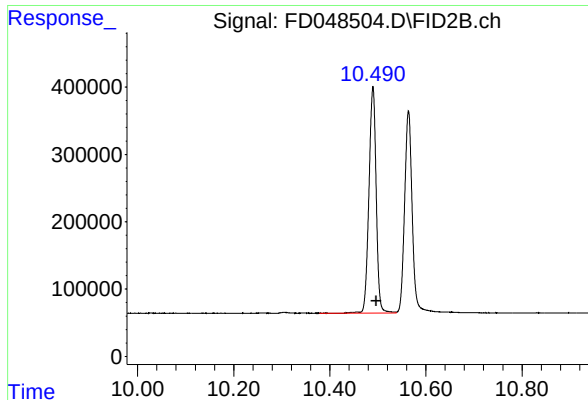
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.004 min
Response: 3730656
Conc: 19.72 ug/ml



#8 Fluorene (C16.55)

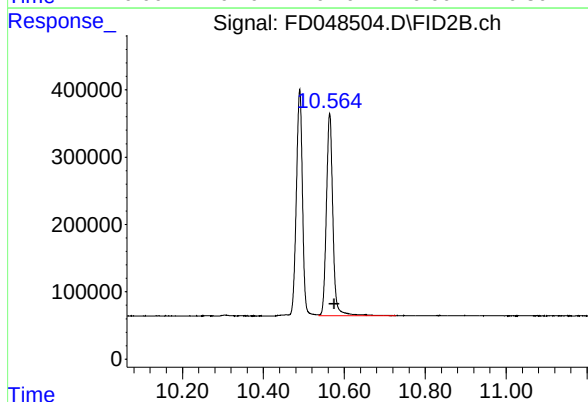
R.T.: 9.103 min
Delta R.T.: -0.008 min
Response: 3589452
Conc: 19.87 ug/ml



#9 Phenanthrene (C19.36)

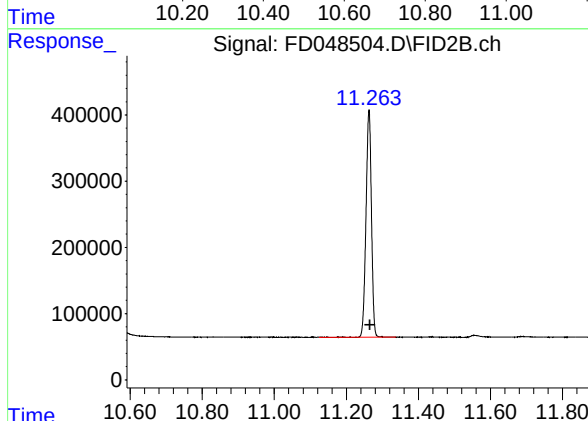
R.T.: 10.490 min
Delta R.T.: -0.007 min
Response: 3522547
Conc: 19.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



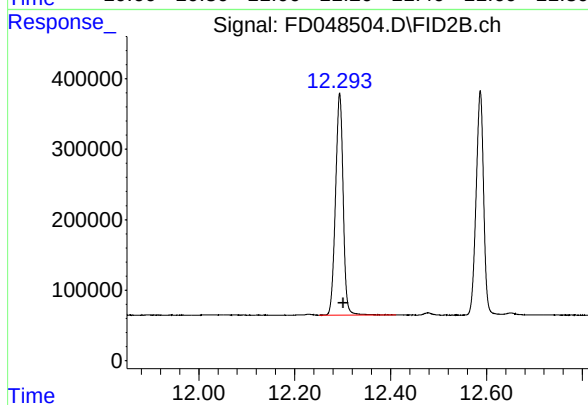
#10 Anthracene (C19.43)

R.T.: 10.564 min
Delta R.T.: -0.011 min
Response: 3338112
Conc: 18.76 ug/ml



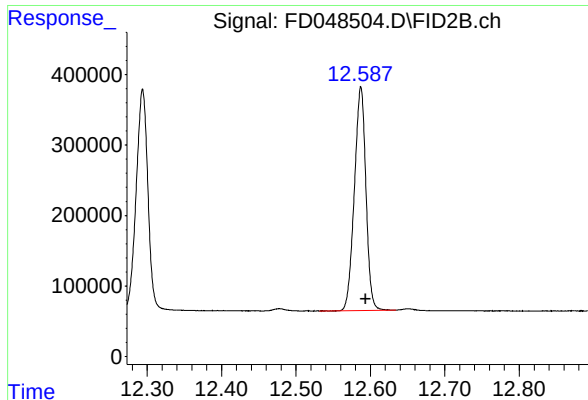
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.003 min
Response: 3591730
Conc: 19.52 ug/ml



#12 Fluoranthene (C21.85)

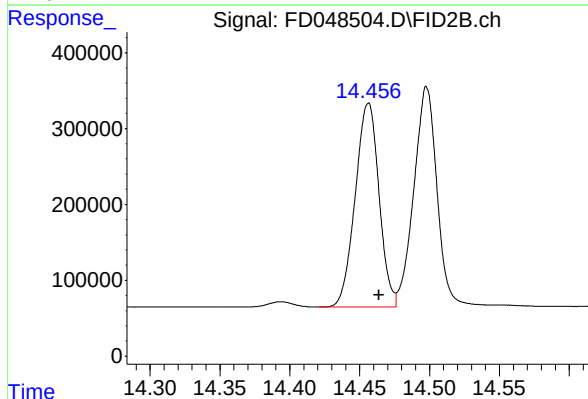
R.T.: 12.294 min
Delta R.T.: -0.008 min
Response: 3474989
Conc: 19.21 ug/ml



#13 Pyrene (C20.8)

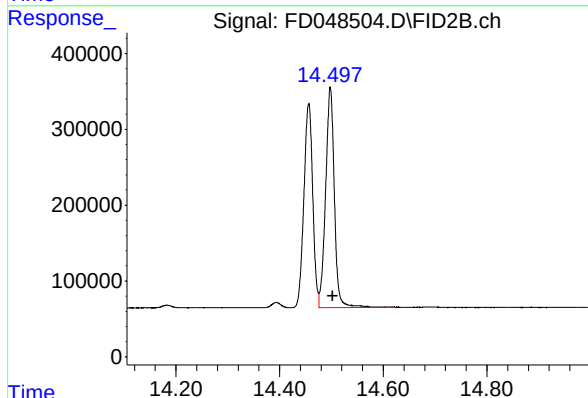
R.T.: 12.587 min
Delta R.T.: -0.006 min
Response: 3422096
Conc: 19.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



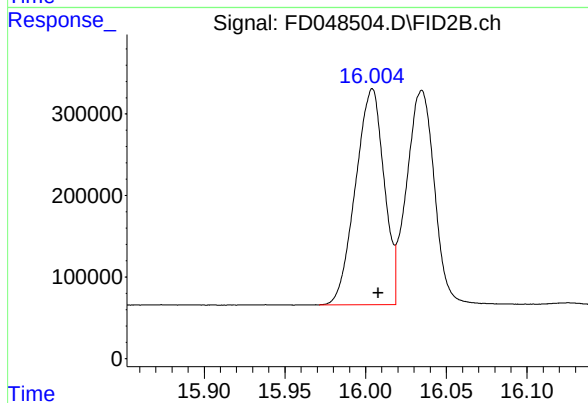
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: -0.008 min
Response: 3182583
Conc: 19.91 ug/ml



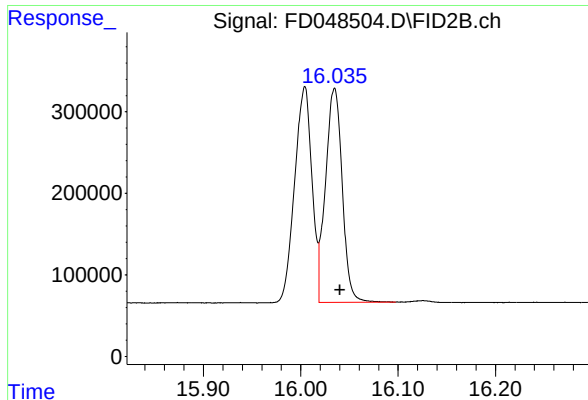
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.004 min
Response: 3409035
Conc: 18.28 ug/ml



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

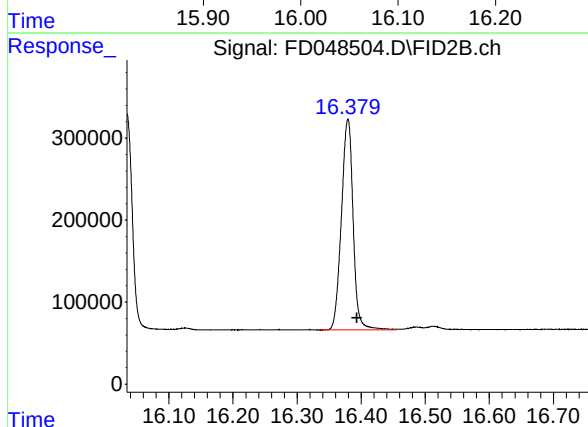
R.T.: 16.004 min
Delta R.T.: -0.004 min
Response: 3263324
Conc: 19.59 ug/ml



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

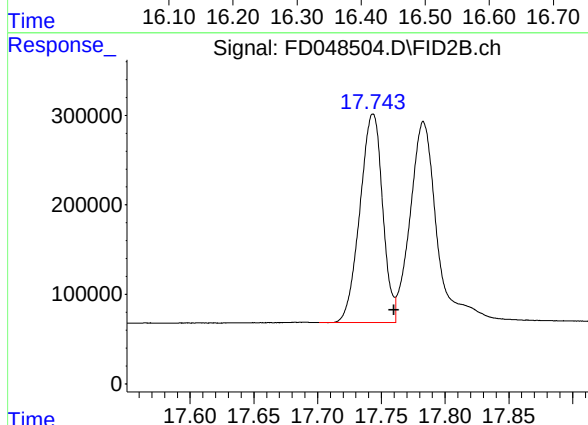
R.T.: 16.035 min
Delta R.T.: -0.006 min
Response: 3148251
Conc: 18.55 ug/ml

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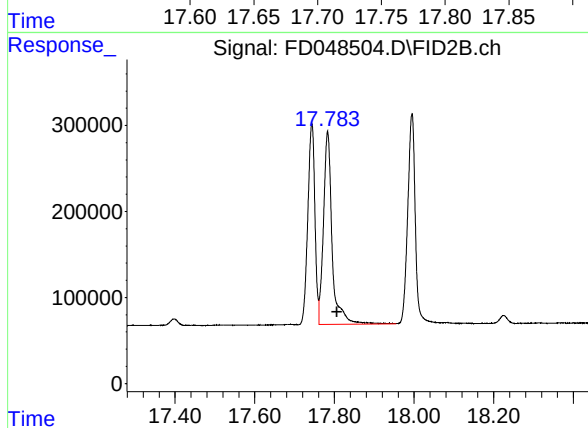
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min
Delta R.T.: -0.014 min
Response: 3248269
Conc: 19.87 ug/ml



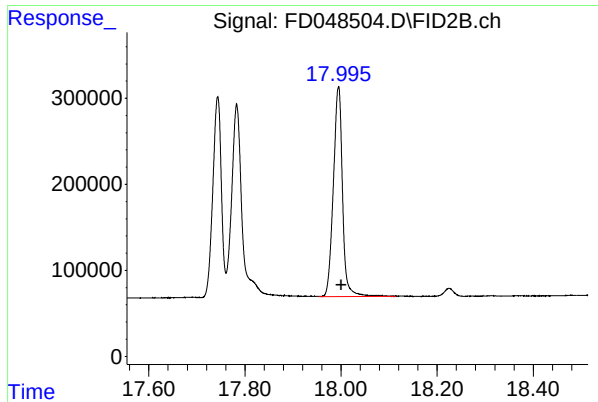
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: -0.017 min
Response: 2882480
Conc: 21.91 ug/ml



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

R.T.: 17.783 min
Delta R.T.: -0.023 min
Response: 3404404
Conc: 20.34 ug/ml



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

R.T.: 17.994 min

Delta R.T.: -0.006 min

Response: 3229917

Conc: 19.89 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD