

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032723AR\
 Data File : FD045354.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 11:43
 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: Mar 27 12:56:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.548	2924618	21.551 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
6) S 2-Fluorobiphenyl (SURR)	8.404	1915316	21.392 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.78%
11) S ortho-Terphenyl (SURR)	11.444	3708501	22.279 ug/ml
Spiked Amount 50.000		Recovery =	44.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3301102	21.797 ug/ml
2) T Naphthalene (C11.7)	5.888	3420650	21.653 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3407047	21.439 ug/ml
5) T Acenaphthylene (C15.06)	8.208	3115656	21.729 ug/ml
7) T Acenaphthene (C15.5)	8.504	3312092	21.852 ug/ml
8) T Fluorene (C16.55)	9.282	3178808	21.591 ug/ml
9) T Phenanthrene (C19.36)	10.673	3099563	21.709 ug/ml
10) T Anthracene (C19.43)	10.747	2895230	20.661 ug/ml
12) T Fluoranthene (C21.85)	12.478	3074614	22.010 ug/ml
13) T Pyrene (C20.8)	12.772	3015857	22.146 ug/ml
14) T Benzo[a]anthracene (C...	14.637	2705361	21.223 ug/ml
15) T Chrysene (C27.41)	14.680	2812361	21.579 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2769313	21.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	2704641	21.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	2665444	21.178 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	2447258	20.457 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	2358274	19.551 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	2605653	20.942 ug/ml

(f)=RT Delta > 1/2 Window

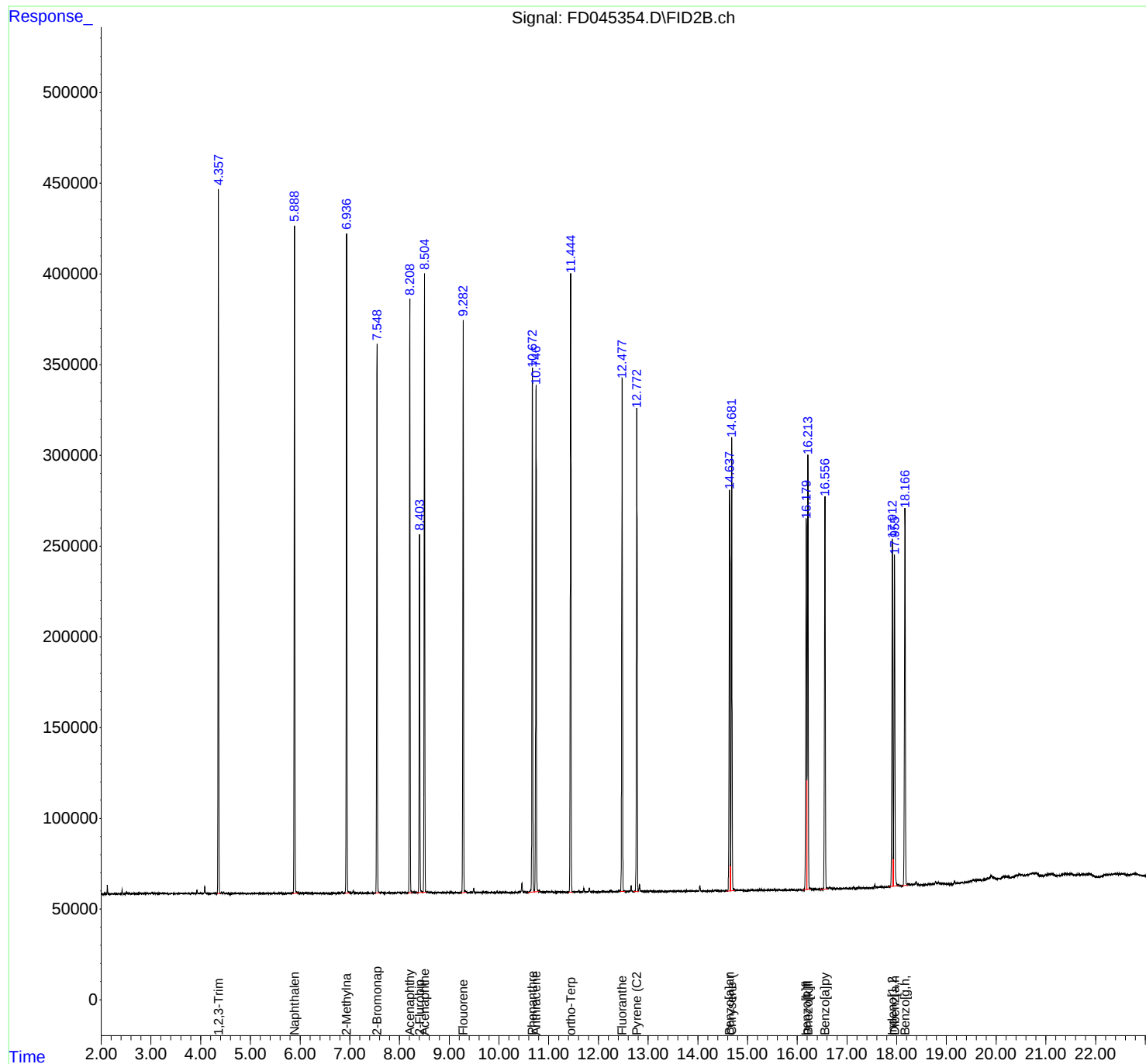
(m)=manual int.

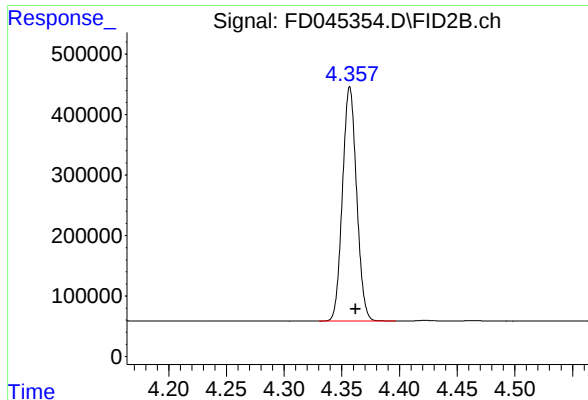
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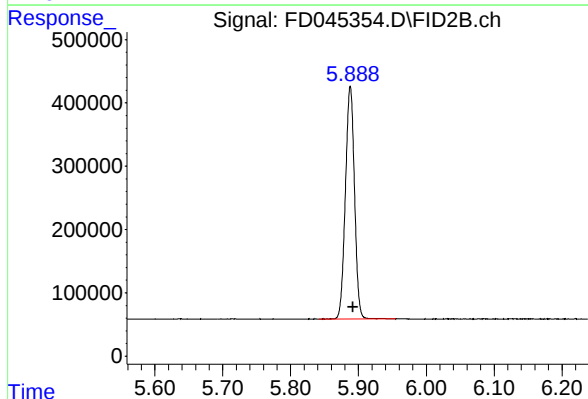




#1 1,2,3-Trimethylbenzene (C10.1)

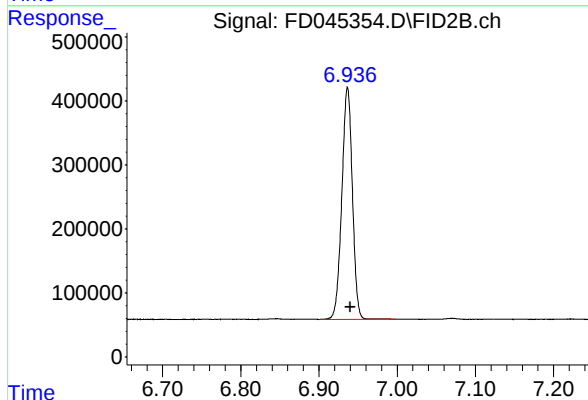
R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3301102
Conc: 21.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



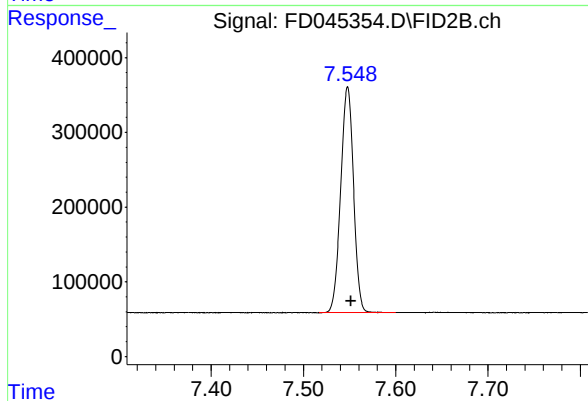
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 3420650
Conc: 21.65 ug/ml



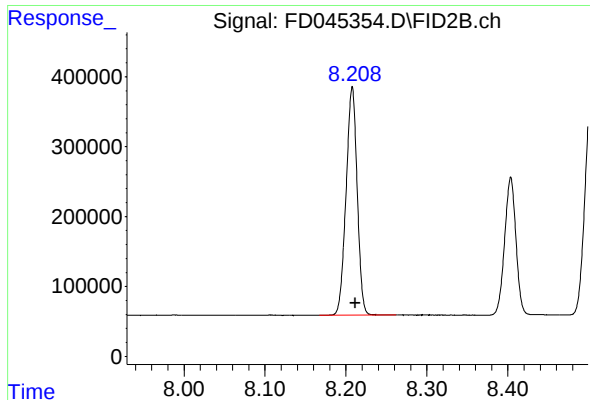
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 3407047
Conc: 21.44 ug/ml



#4 2-Bromonaphthalene (SURR)

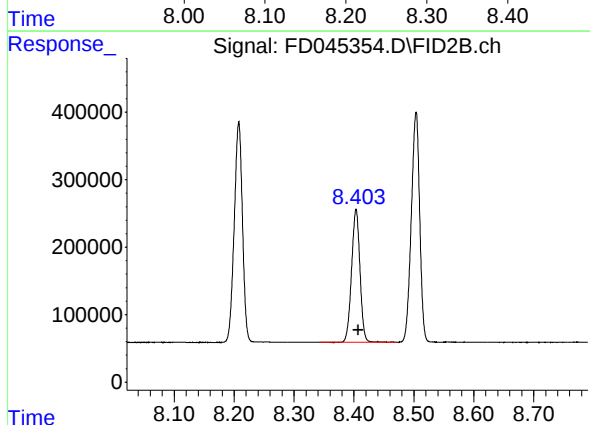
R.T.: 7.548 min
Delta R.T.: -0.004 min
Response: 2924618
Conc: 21.55 ug/ml



#5 Acenaphthylene (C15.06)

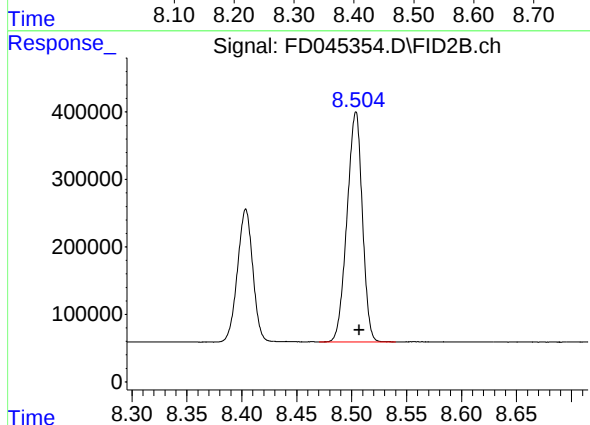
R.T.: 8.208 min
Delta R.T.: -0.004 min
Response: 3115656
Conc: 21.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



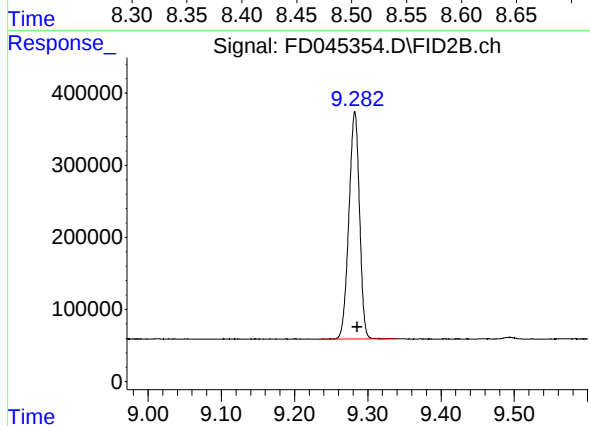
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 1915316
Conc: 21.39 ug/ml



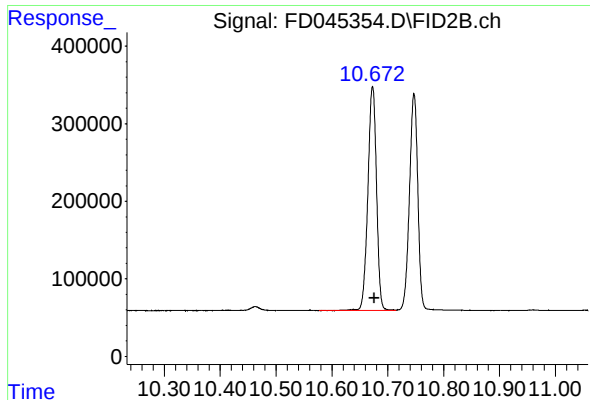
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 3312092
Conc: 21.85 ug/ml



#8 Flouorene (C16.55)

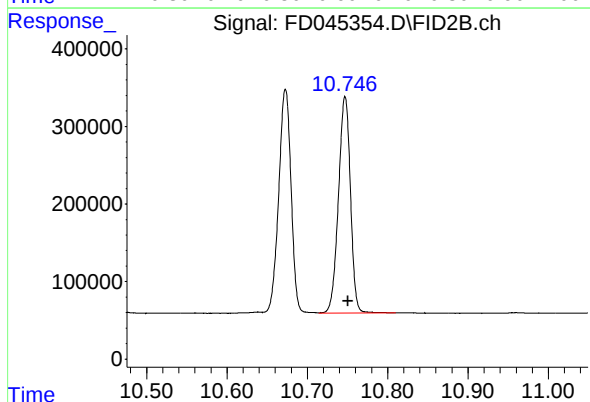
R.T.: 9.282 min
Delta R.T.: -0.003 min
Response: 3178808
Conc: 21.59 ug/ml



#9 Phenanthrene (C19.36)

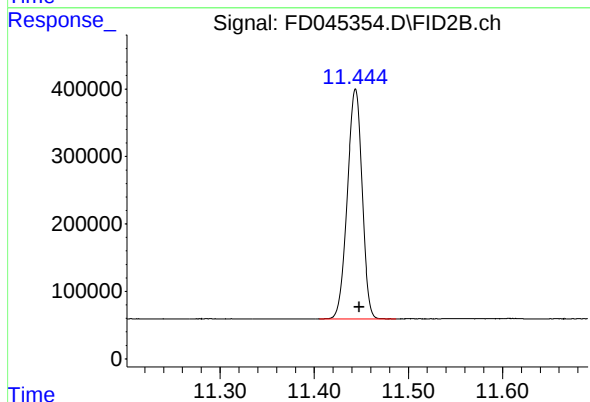
R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 3099563
Conc: 21.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



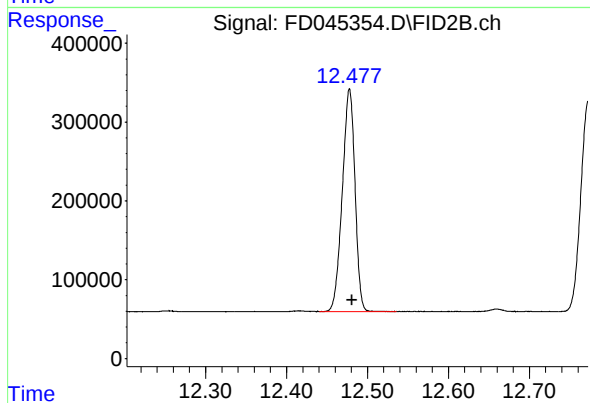
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: -0.003 min
Response: 2895230
Conc: 20.66 ug/ml



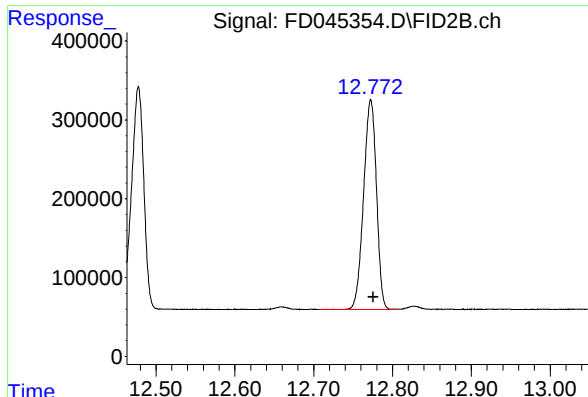
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: -0.004 min
Response: 3708501
Conc: 22.28 ug/ml



#12 Fluoranthene (C21.85)

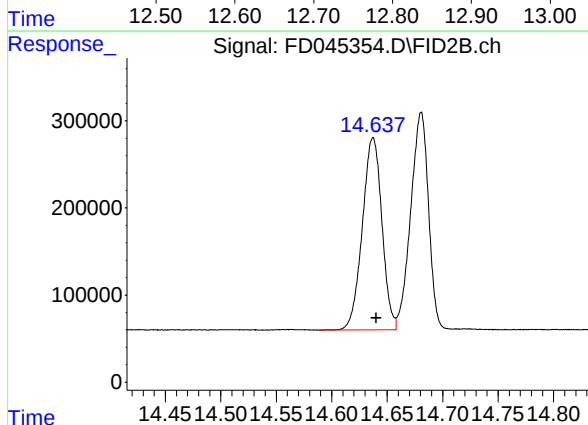
R.T.: 12.478 min
Delta R.T.: -0.003 min
Response: 3074614
Conc: 22.01 ug/ml



#13 Pyrene (C20.8)

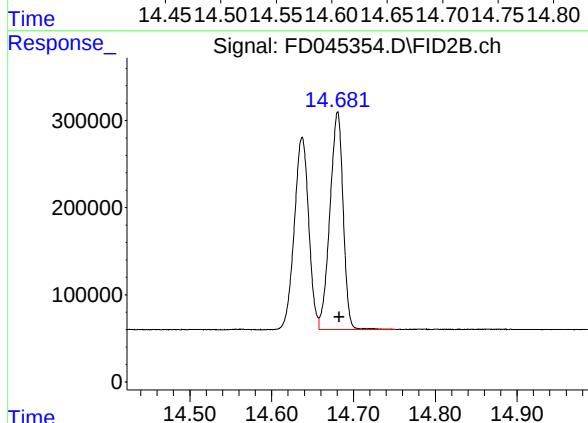
R.T.: 12.772 min
Delta R.T.: -0.003 min
Response: 3015857
Conc: 22.15 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



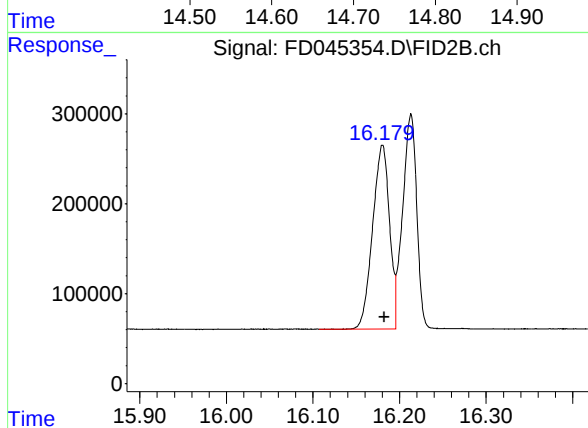
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 2705361
Conc: 21.22 ug/ml



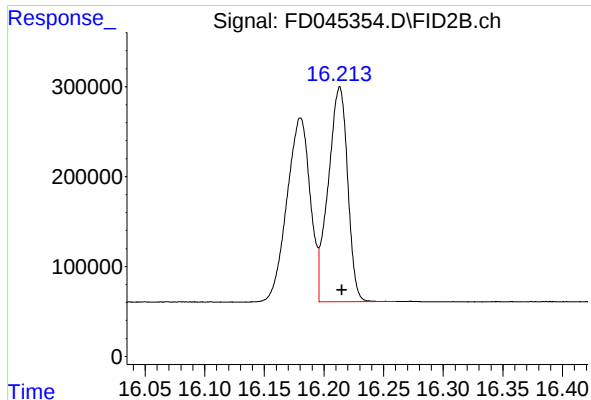
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.002 min
Response: 2812361
Conc: 21.58 ug/ml



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

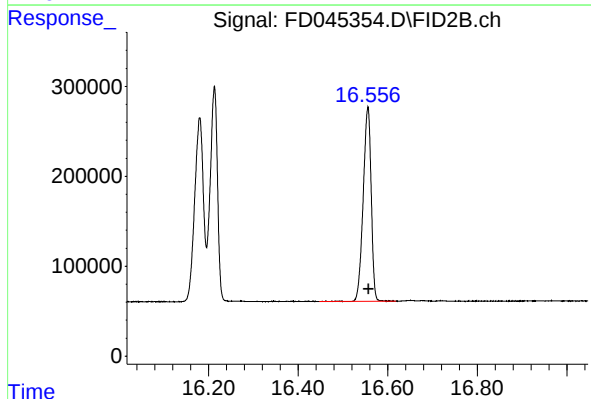
R.T.: 16.180 min
Delta R.T.: -0.002 min
Response: 2769313
Conc: 21.48 ug/ml



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

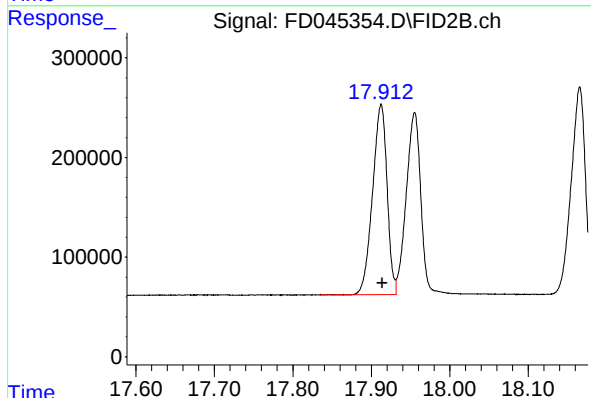
R.T.: 16.213 min
Delta R.T.: -0.002 min
Response: 2704641
Conc: 21.43 ug/ml

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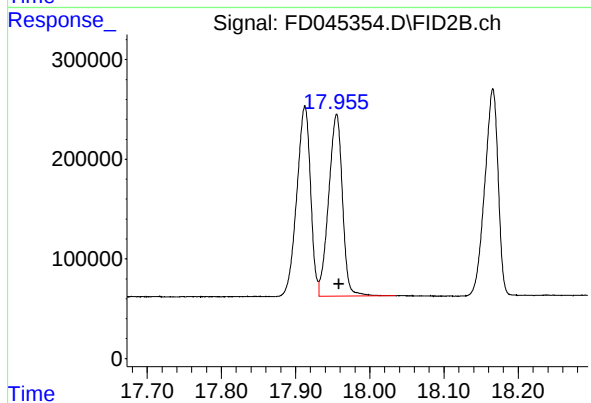
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.002 min
Response: 2665444
Conc: 21.18 ug/ml



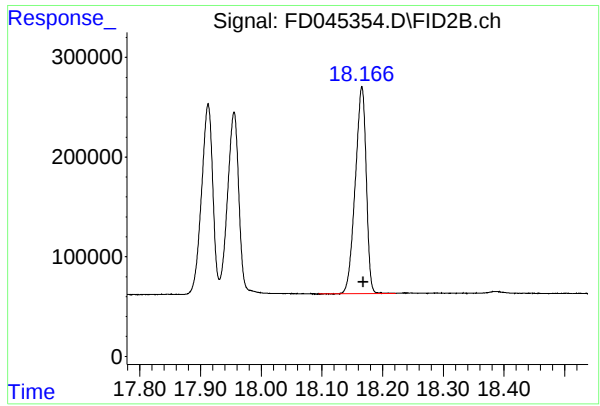
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: -0.002 min
Response: 2447258
Conc: 20.46 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.003 min
Response: 2358274
Conc: 19.55 ug/ml



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

R.T.: 18.166 min
Delta R.T.: -0.003 min
Response: 2605653
Conc: 20.94 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD