

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070523AR\
 Data File : FD046073.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2023 12:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 05 15:43:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.514	4259994	19.768 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
6) S 2-Fluorobiphenyl (SURR)	8.369	2694274	19.467 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.93%
11) S ortho-Terphenyl (SURR)	11.408	4946586	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.325	5095763	20.456 ug/ml
2) T Naphthalene (C11.7)	5.854	5097784	19.982 ug/ml
3) T 2-Methylnaphthalene (...)	6.903	4993655	19.809 ug/ml
5) T Acenaphthylene (C15.06)	8.173	4294082	19.770 ug/ml
7) T Acenaphthene (C15.5)	8.469	4626578	19.627 ug/ml
8) T Flouorene (C16.55)	9.247	4398438	19.440 ug/ml
9) T Phenanthrene (C19.36)	10.637	4100287	19.216 ug/ml
10) T Anthracene (C19.43)	10.710	3152231	19.839 ug/ml
12) T Fluoranthene (C21.85)	12.441	3896532	19.040 ug/ml
13) T Pyrene (C20.8)	12.736	3807259	19.581 ug/ml
14) T Benzo[a]anthracene (C...	14.600	3529798	19.627 ug/ml
15) T Chrysene (C27.41)	14.643	3756629	19.140 ug/ml
16) T benzo[b]fluoranthene ...	16.144	3814192	20.336 ug/ml
17) T Bnezo[k]fluoranthene ...	16.176	3757557	18.996 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	3667275	21.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.877	3663321	19.684 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	3788462	20.606 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	3775483	20.206 ug/ml

(f)=RT Delta > 1/2 Window

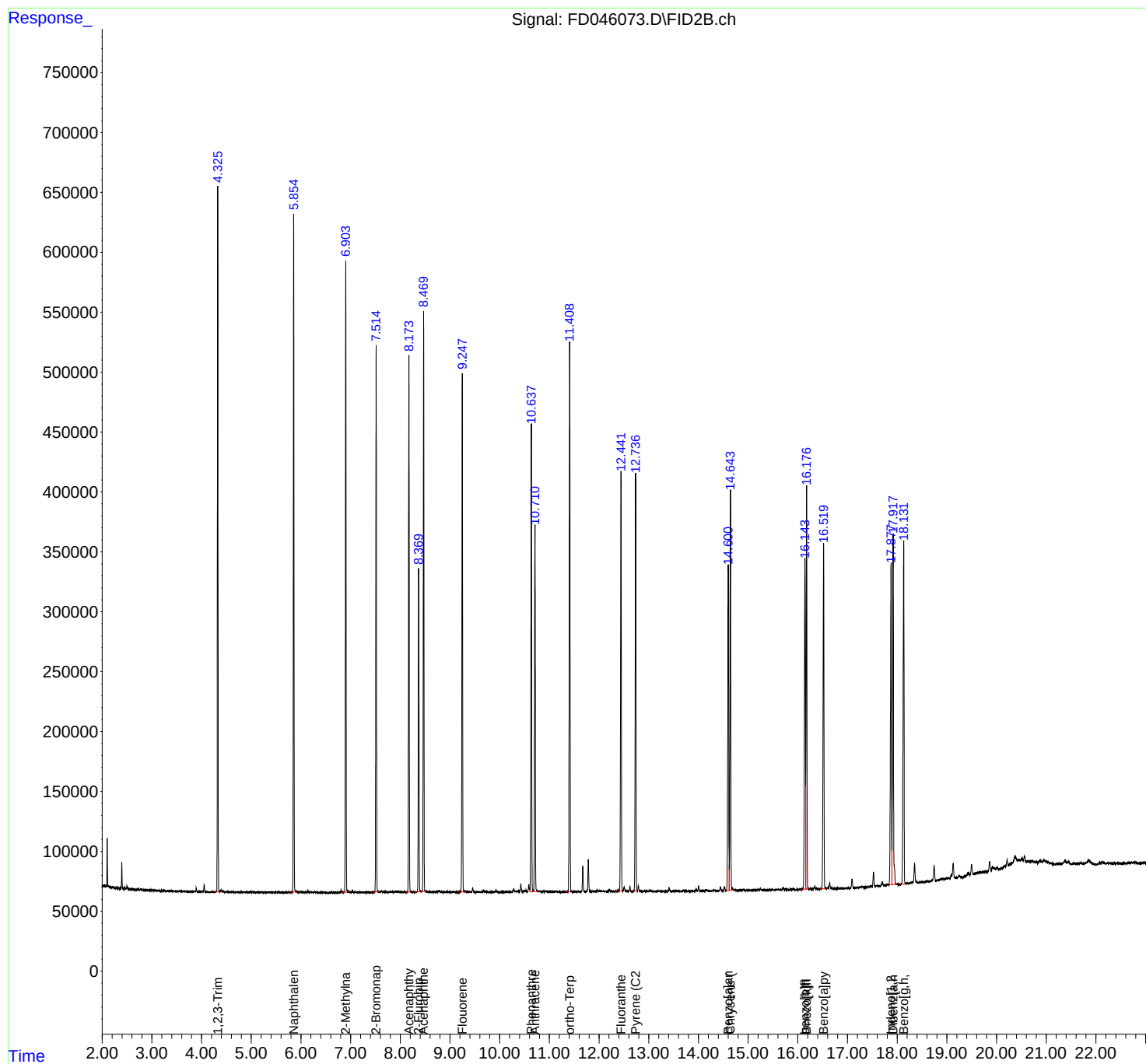
(m)=manual int.

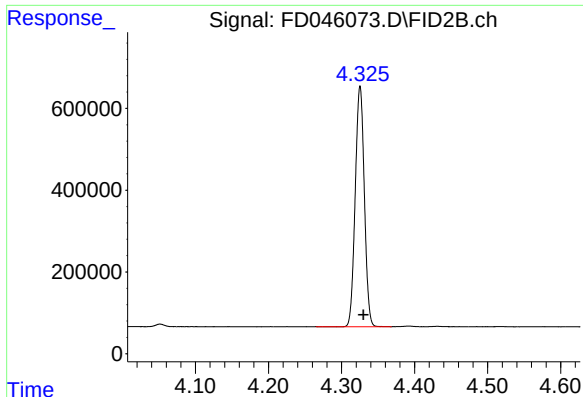
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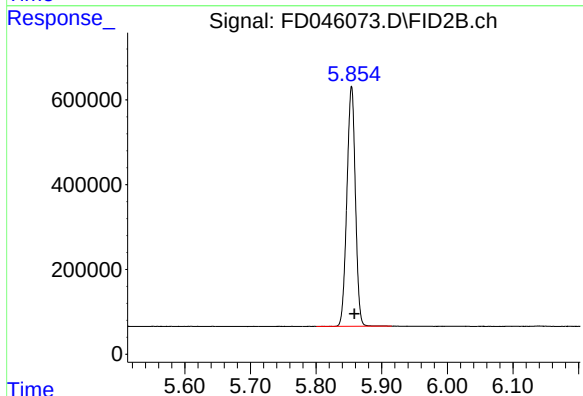




#1 1,2,3-Trimethylbenzene (C10.1)

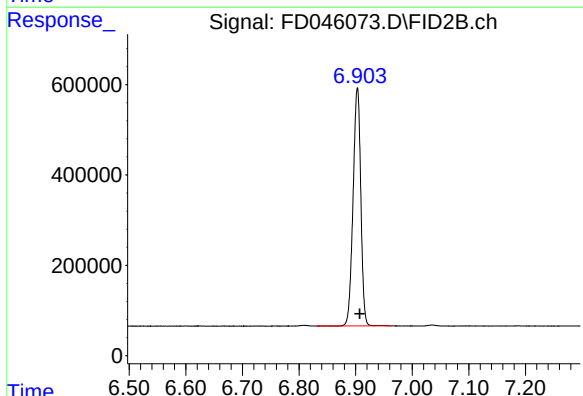
R.T.: 4.325 min
Delta R.T.: -0.005 min
Response: 5095763
Conc: 20.46 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



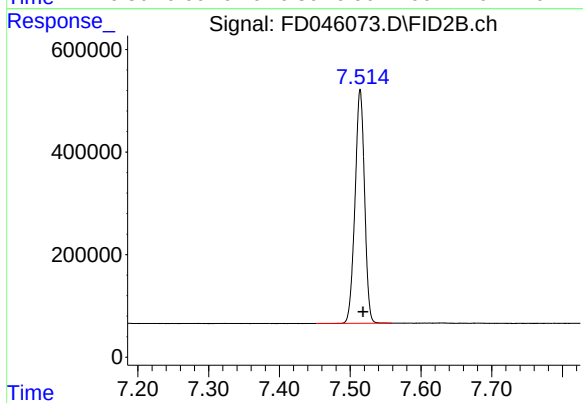
#2 Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 5097784
Conc: 19.98 ug/ml



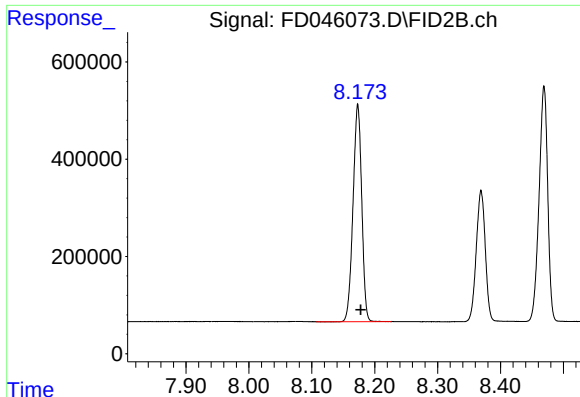
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 4993655
Conc: 19.81 ug/ml



#4 2-Bromonaphthalene (SURR)

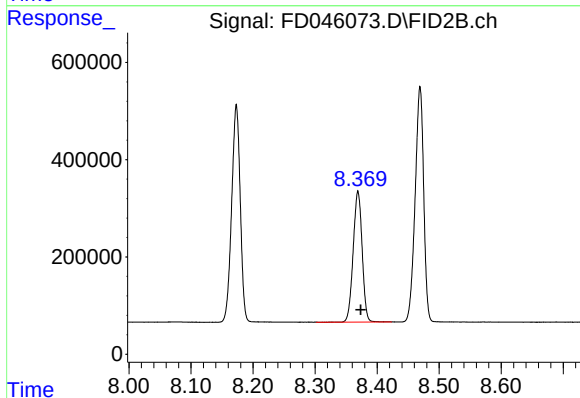
R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 4259994
Conc: 19.77 ug/ml



#5 Acenaphthylene (C15.06)

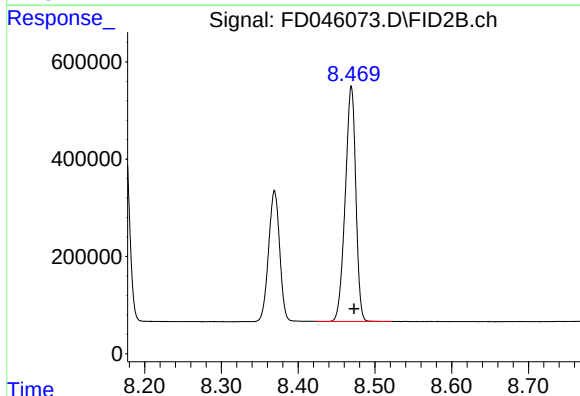
R.T.: 8.173 min
Delta R.T.: -0.005 min
Response: 4294082
Conc: 19.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



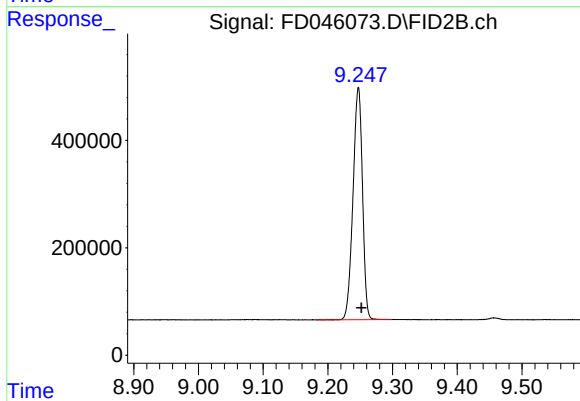
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.369 min
Delta R.T.: -0.004 min
Response: 2694274
Conc: 19.47 ug/ml



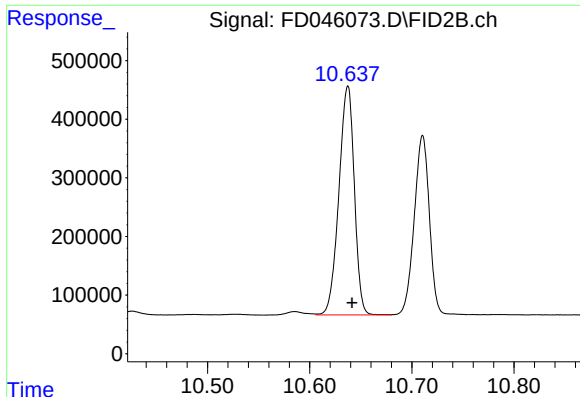
#7 Acenaphthene (C15.5)

R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 4626578
Conc: 19.63 ug/ml



#8 Fluorene (C16.55)

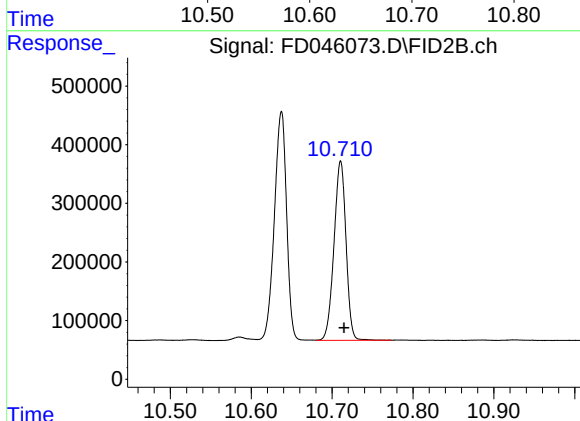
R.T.: 9.247 min
Delta R.T.: -0.005 min
Response: 4398438
Conc: 19.44 ug/ml



#9 Phenanthrene (C19.36)

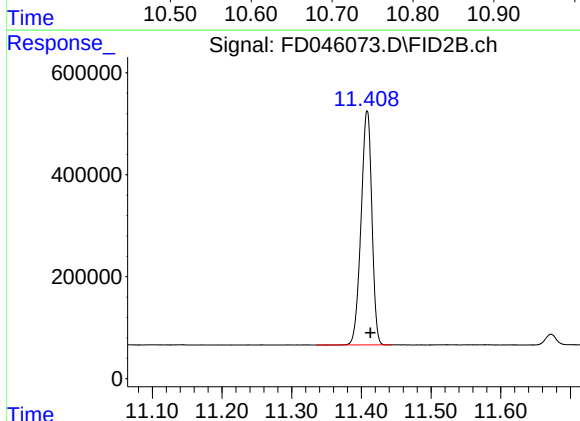
R.T.: 10.637 min
Delta R.T.: -0.004 min
Response: 4100287
Conc: 19.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



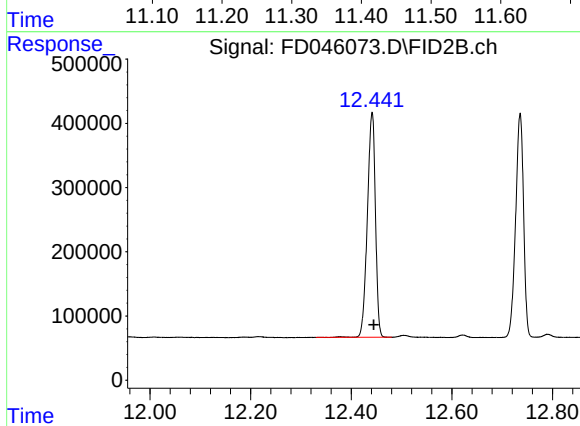
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: -0.004 min
Response: 3152231
Conc: 19.84 ug/ml



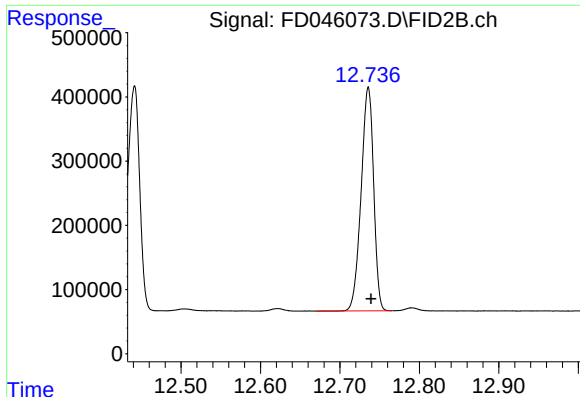
#11 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: -0.005 min
Response: 4946586
Conc: 19.51 ug/ml



#12 Fluoranthene (C21.85)

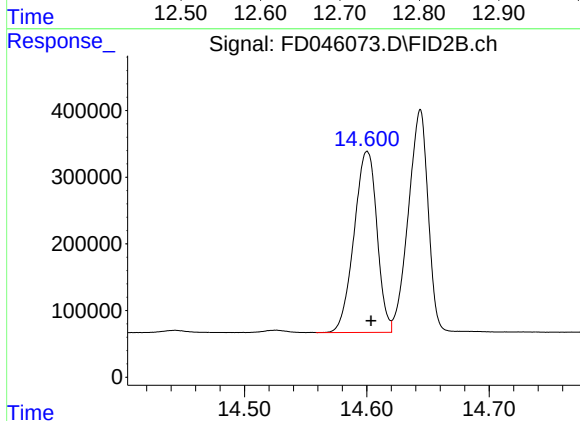
R.T.: 12.441 min
Delta R.T.: -0.004 min
Response: 3896532
Conc: 19.04 ug/ml



#13 Pyrene (C20.8)

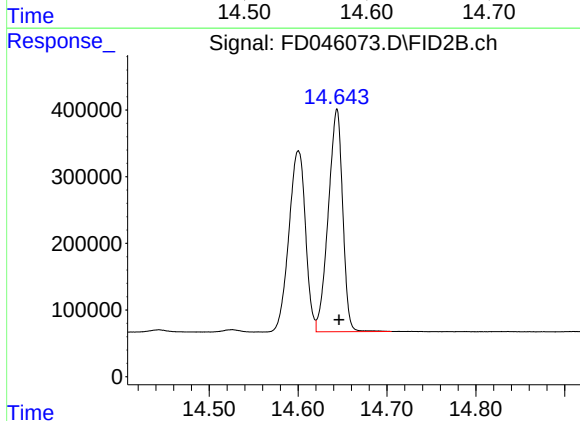
R.T.: 12.736 min
Delta R.T.: -0.004 min
Response: 3807259
Conc: 19.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



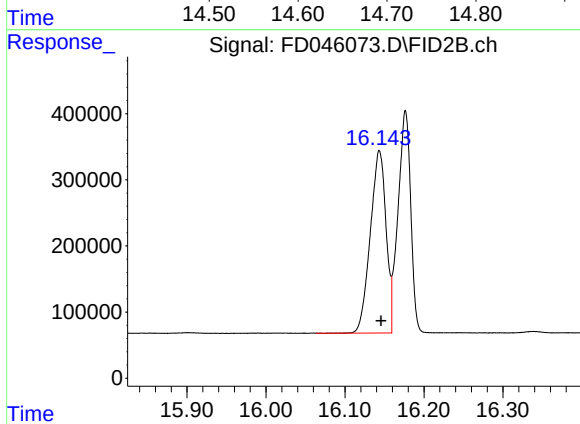
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.600 min
Delta R.T.: -0.003 min
Response: 3529798
Conc: 19.63 ug/ml



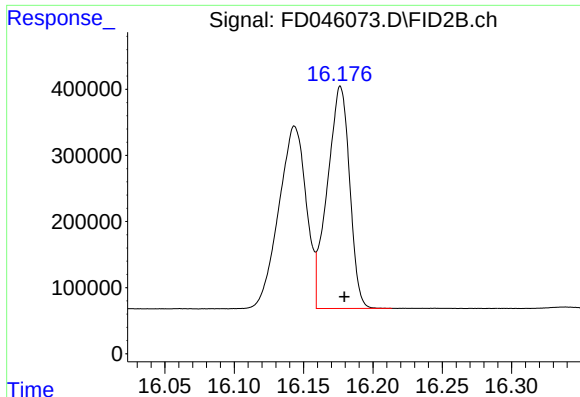
#15 Chrysene (C27.41)

R.T.: 14.643 min
Delta R.T.: -0.003 min
Response: 3756629
Conc: 19.14 ug/ml



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

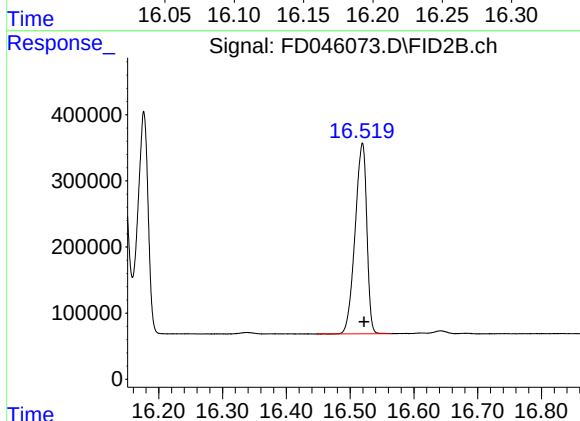
R.T.: 16.144 min
Delta R.T.: -0.002 min
Response: 3814192
Conc: 20.34 ug/ml



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

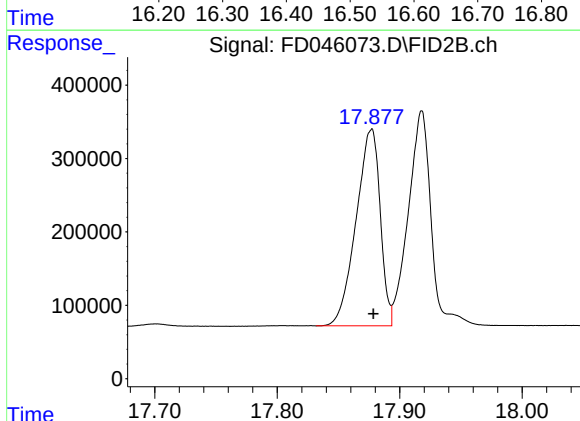
R.T.: 16.176 min
Delta R.T.: -0.003 min
Response: 3757557
Conc: 19.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



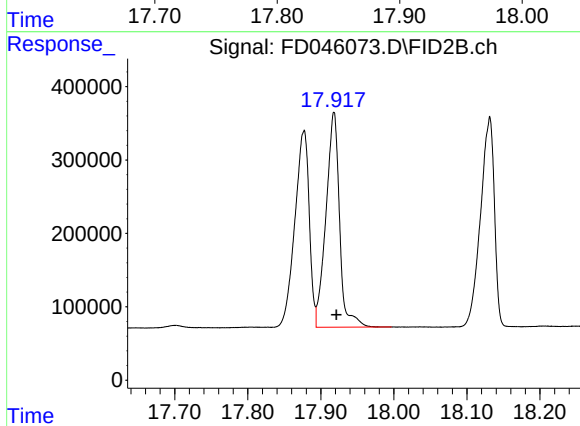
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.519 min
Delta R.T.: -0.003 min
Response: 3667275
Conc: 21.05 ug/ml



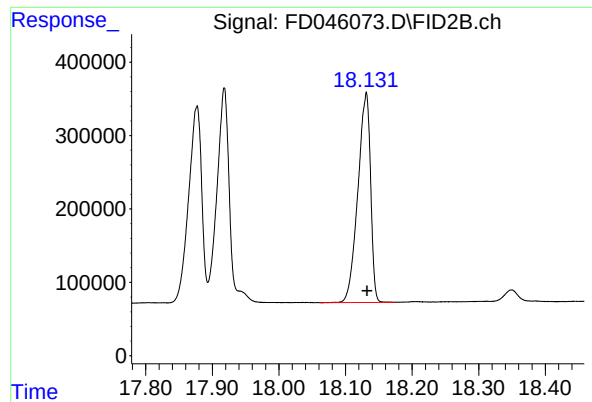
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.877 min
Delta R.T.: -0.002 min
Response: 3663321
Conc: 19.68 ug/ml



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

R.T.: 17.918 min
Delta R.T.: -0.003 min
Response: 3788462
Conc: 20.61 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.002 min
Response: 3775483
Conc: 20.21 ug/ml

Instrument :
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ClientSampleId :
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