

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082323AR\
 Data File : FD046385.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 19:27
 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: Aug 24 01:07:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.496	3404333	20.158 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
6) S 2-Fluorobiphenyl (SURR)	8.349	2278369	20.472 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.94%
11) S ortho-Terphenyl (SURR)	11.387	4076585	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	3467142	19.731 ug/ml
2) T Naphthalene (C11.7)	5.836	3673347	19.931 ug/ml
3) T 2-Methylnaphthalene (...)	6.884	3735320	20.118 ug/ml
5) T Acenaphthylene (C15.06)	8.154	3446801	20.254 ug/ml
7) T Acenaphthene (C15.5)	8.448	3665623	20.347 ug/ml
8) T Fluorene (C16.55)	9.227	3603962	20.607 ug/ml
9) T Phenanthrene (C19.36)	10.615	3578327	20.856 ug/ml
10) T Anthracene (C19.43)	10.690	3448223	20.440 ug/ml
12) T Fluoranthene (C21.85)	12.419	3551668	21.348 ug/ml
13) T Pyrene (C20.8)	12.713	3438080	21.332 ug/ml
14) T Benzo[a]anthracene (C...	14.576	3073752	21.848 ug/ml
15) T Chrysene (C27.41)	14.619	3246319	21.885 ug/ml
16) T benzo[b]fluoranthene ...	16.118	3002810	22.099 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.150	2991244	22.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	2866500	21.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	2612290	20.943 ug/mlm
20) T Dibenz[a,h]anthracene...	17.891	2667650	21.289 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	2635265	20.549 ug/ml

(f)=RT Delta > 1/2 Window

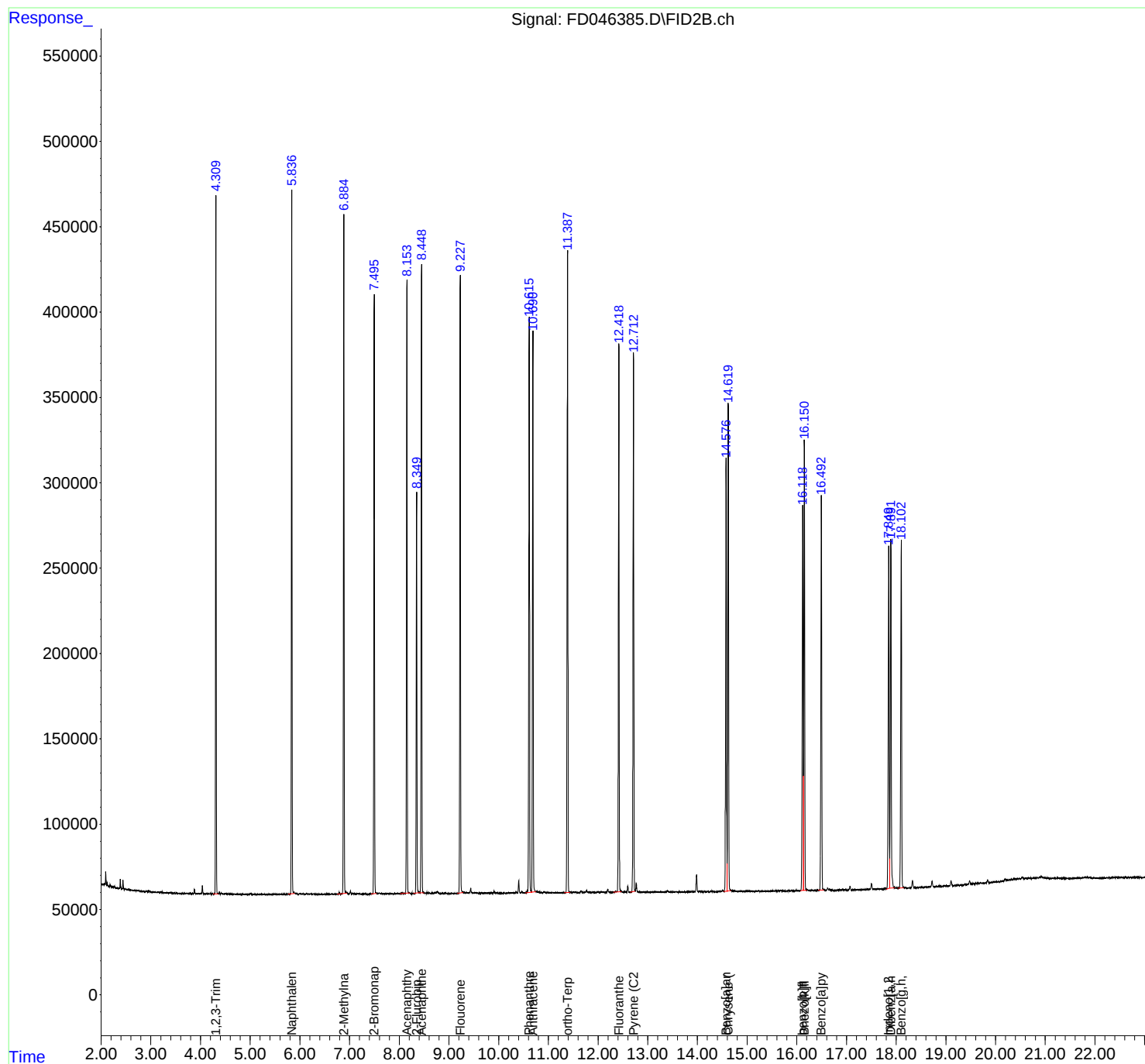
(m)=manual int.

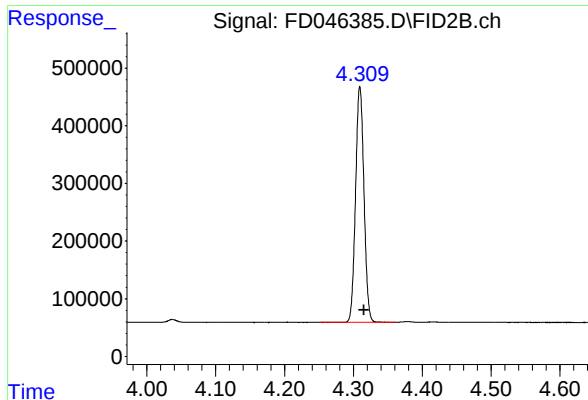
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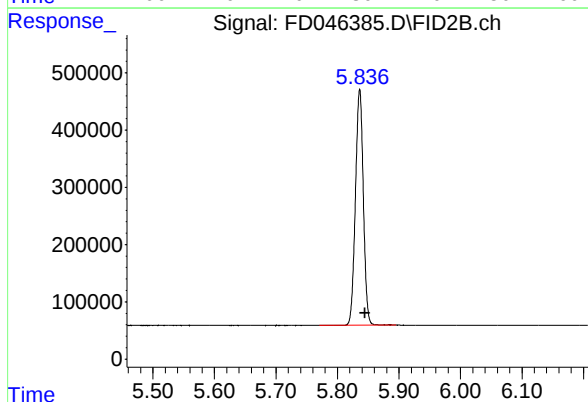




#1 1,2,3-Trimethylbenzene (C10.1)

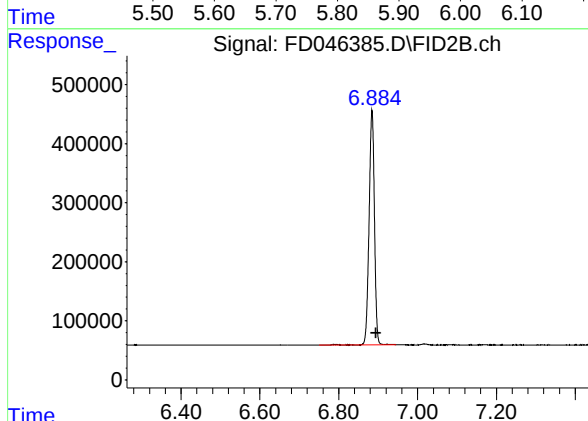
R.T.: 4.310 min
Delta R.T.: -0.005 min
Response: 3467142
Conc: 19.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



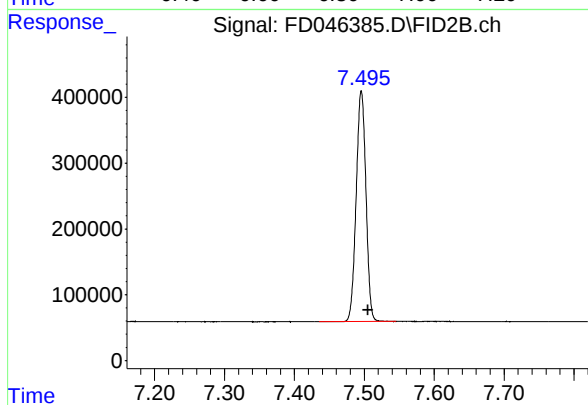
#2 Naphthalene (C11.7)

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 3673347
Conc: 19.93 ug/ml



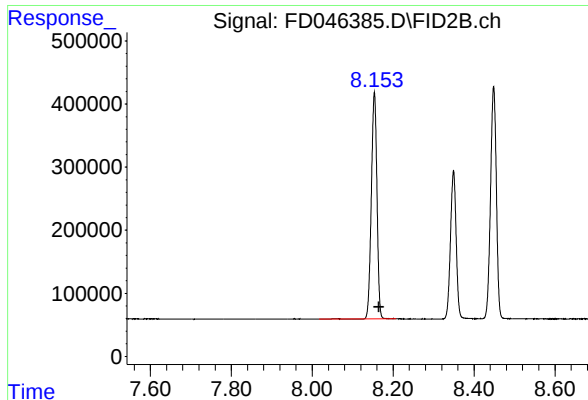
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: -0.011 min
Response: 3735320
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

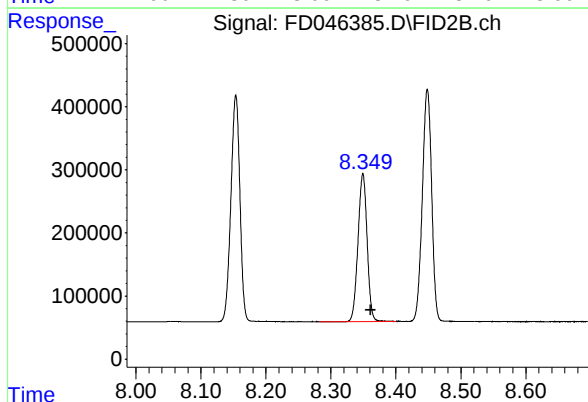
R.T.: 7.496 min
Delta R.T.: -0.010 min
Response: 3404333
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

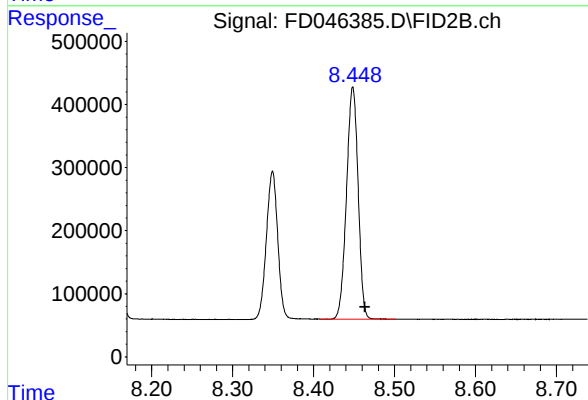
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 3446801
Conc: 20.25 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



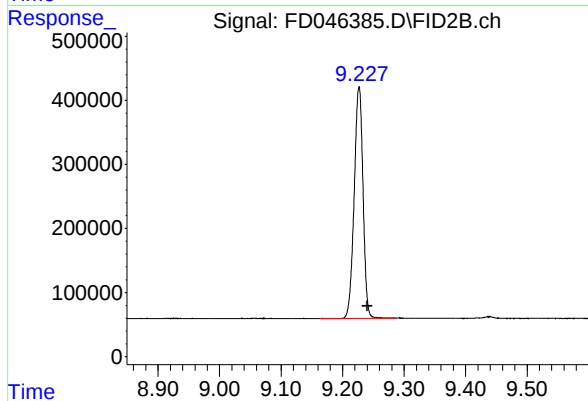
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.349 min
Delta R.T.: -0.012 min
Response: 2278369
Conc: 20.47 ug/ml



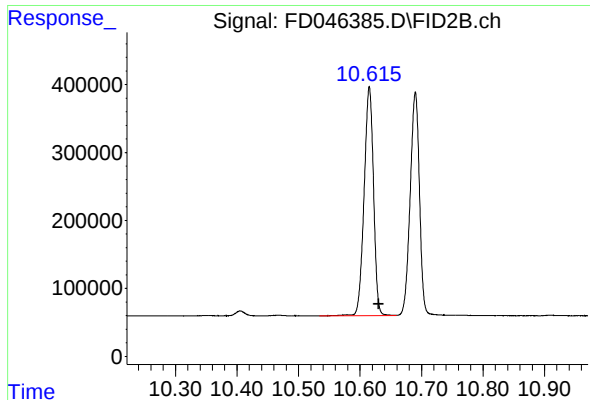
#7 Acenaphthene (C15.5)

R.T.: 8.448 min
Delta R.T.: -0.015 min
Response: 3665623
Conc: 20.35 ug/ml



#8 Fluorene (C16.55)

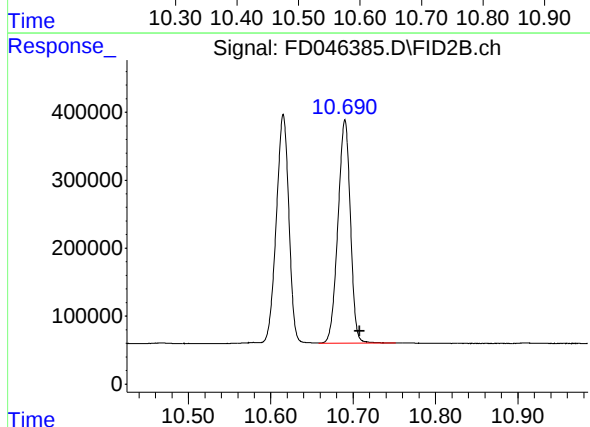
R.T.: 9.227 min
Delta R.T.: -0.014 min
Response: 3603962
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

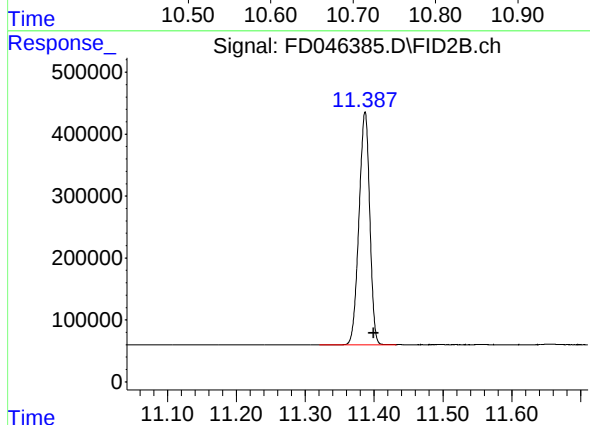
R.T.: 10.615 min
Delta R.T.: -0.015 min
Response: 3578327
Conc: 20.86 ug/ml

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20 PPM AROMATIC HC STD



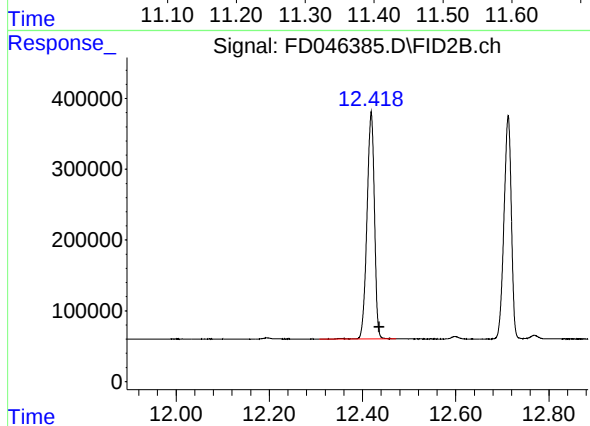
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: -0.018 min
Response: 3448223
Conc: 20.44 ug/ml



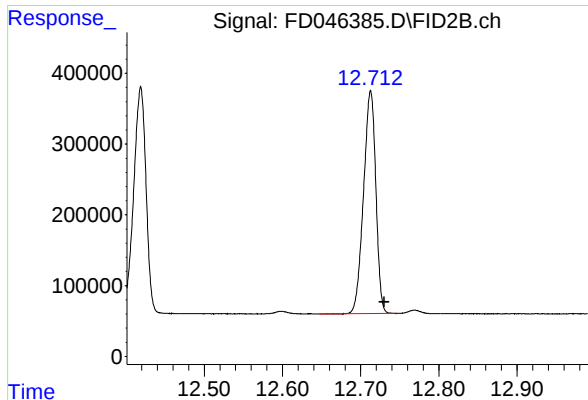
#11 ortho-Terphenyl (SURRE)

R.T.: 11.387 min
Delta R.T.: -0.012 min
Response: 4076585
Conc: 20.79 ug/ml



#12 Fluoranthene (C21.85)

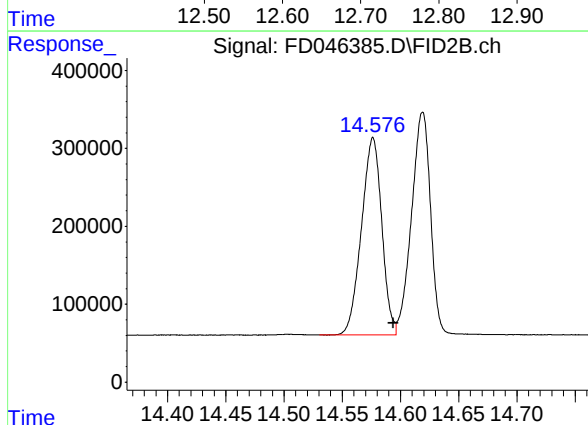
R.T.: 12.419 min
Delta R.T.: -0.017 min
Response: 3551668
Conc: 21.35 ug/ml



#13 Pyrene (C20.8)

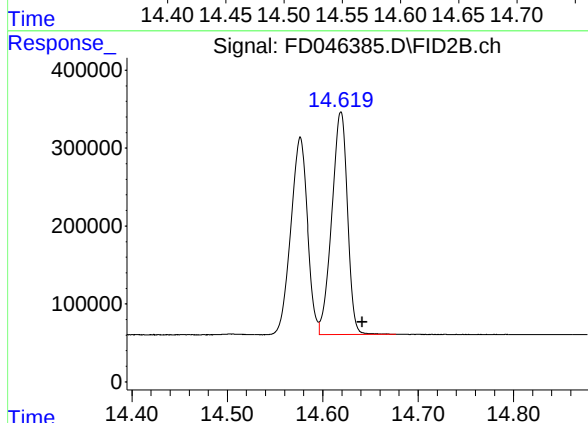
R.T.: 12.713 min
Delta R.T.: -0.018 min
Response: 3438080
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



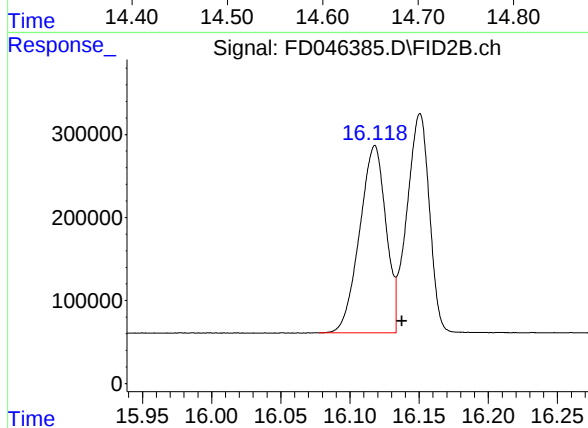
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: -0.018 min
Response: 3073752
Conc: 21.85 ug/ml



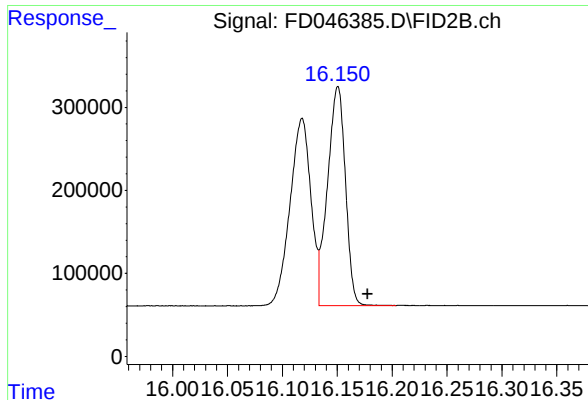
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.023 min
Response: 3246319
Conc: 21.89 ug/ml



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

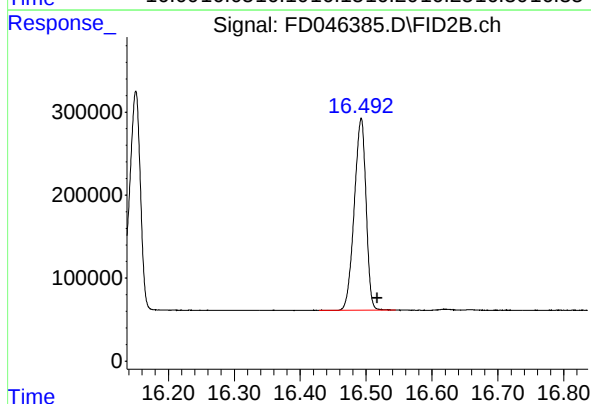
R.T.: 16.118 min
Delta R.T.: -0.020 min
Response: 3002810
Conc: 22.10 ug/ml m



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

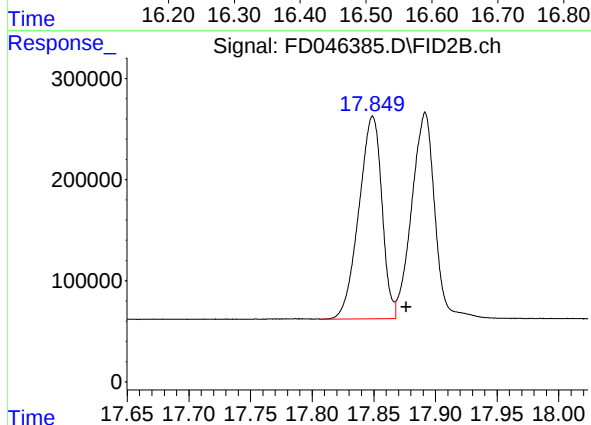
R.T.: 16.150 min
Delta R.T.: -0.027 min
Response: 2991244
Conc: 22.05 ug/ml

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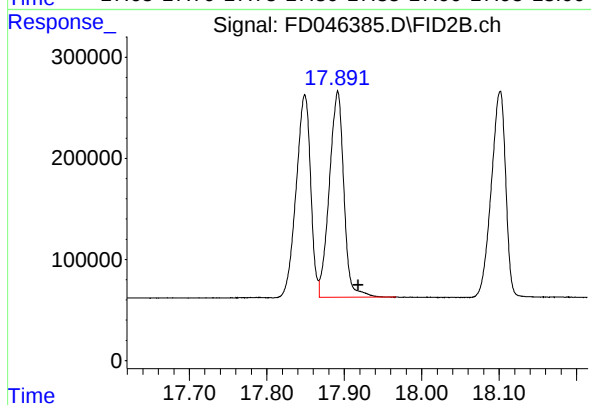
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min
Delta R.T.: -0.025 min
Response: 2866500
Conc: 21.76 ug/ml



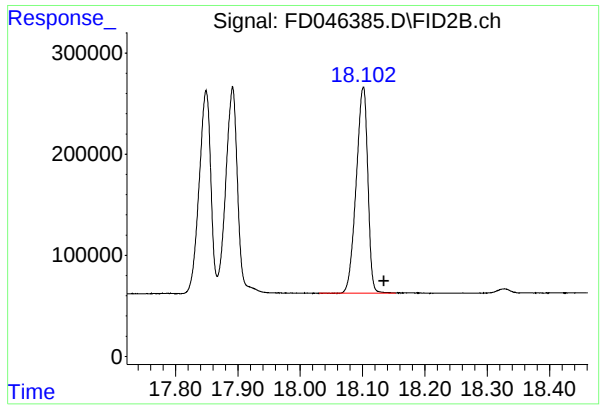
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: -0.028 min
Response: 2612290
Conc: 20.94 ug/ml m



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

R.T.: 17.891 min
Delta R.T.: -0.027 min
Response: 2667650
Conc: 21.29 ug/ml



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

R.T.: 18.101 min
Delta R.T.: -0.034 min
Response: 2635265
Conc: 20.55 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD