

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045860.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 03:27
 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: Jun 17 04:11:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.525	3464811	19.218 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
6) S 2-Fluorobiphenyl (SURR)	8.381	2284691	19.003 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.01%
11) S ortho-Terphenyl (SURR)	11.420	4195429	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	3914280	19.389 ug/ml
2) T Naphthalene (C11.7)	5.865	4046369	19.096 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	4034675	19.103 ug/ml
5) T Acenaphthylene (C15.06)	8.185	3618860	19.101 ug/ml
7) T Acenaphthene (C15.5)	8.481	3858391	19.084 ug/ml
8) T Fluorene (C16.55)	9.259	3737651	18.864 ug/ml
9) T Phenanthrene (C19.36)	10.650	3566429	18.642 ug/ml
10) T Anthracene (C19.43)	10.724	3201567	18.794 ug/ml
12) T Fluoranthene (C21.85)	12.453	3374143	18.263 ug/ml
13) T Pyrene (C20.8)	12.748	3273945	18.331 ug/ml
14) T Benzo[a]anthracene (C...	14.612	2917182	18.632 ug/ml
15) T Chrysene (C27.41)	14.655	3067646	18.594 ug/ml
16) T benzo[b]fluoranthene ...	16.156	2972929	19.643 ug/ml
17) T Bnezo[k]fluoranthene ...	16.187	2911522	18.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	2890734	19.767 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	2849290	19.454 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	2926396	19.507 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	2951786	20.005 ug/ml

(f)=RT Delta > 1/2 Window

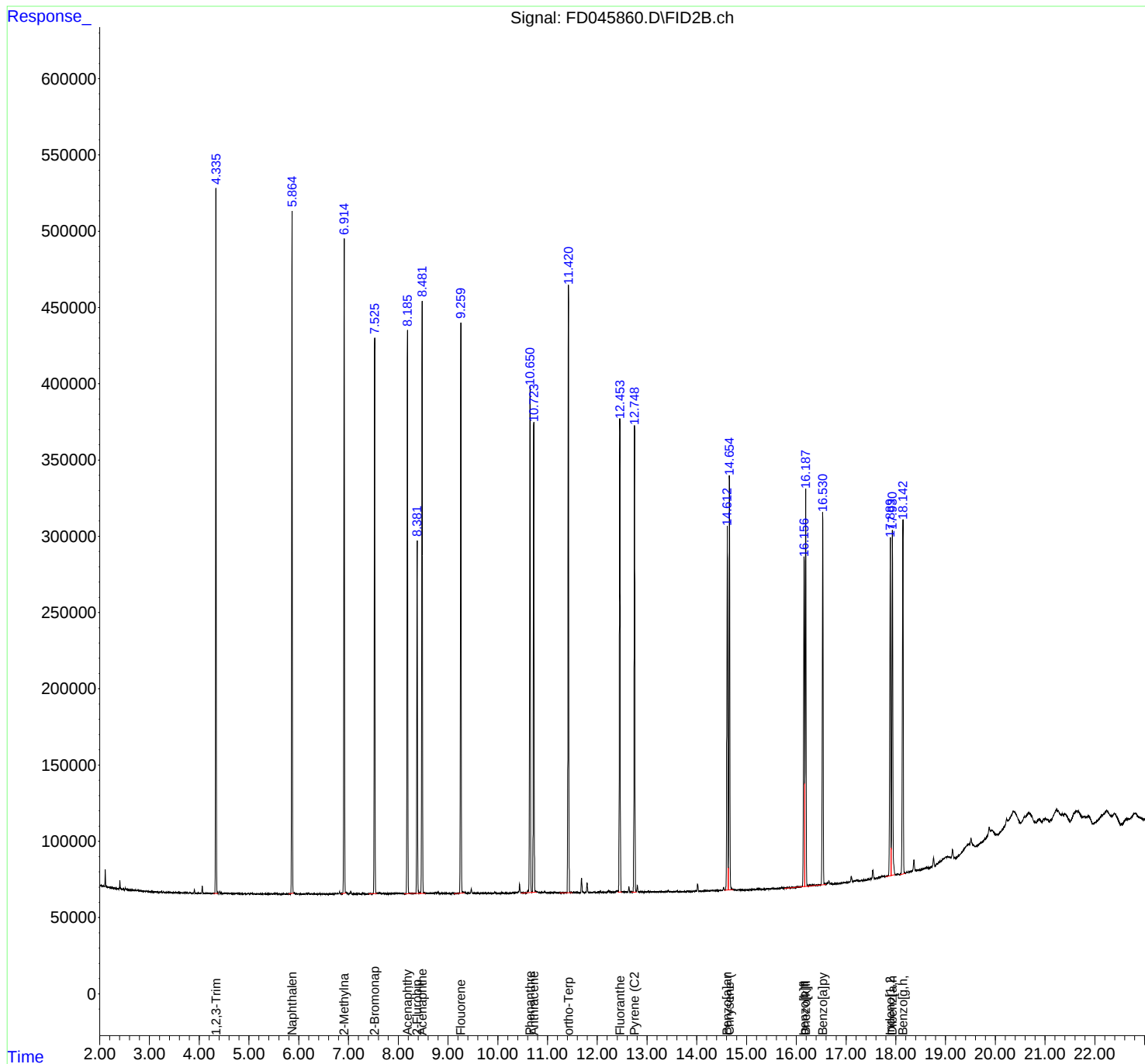
(m)=manual int.

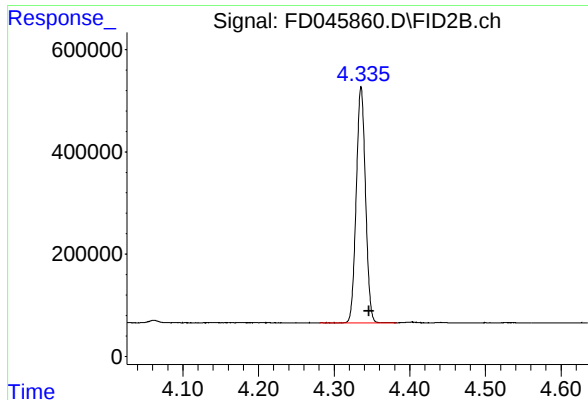
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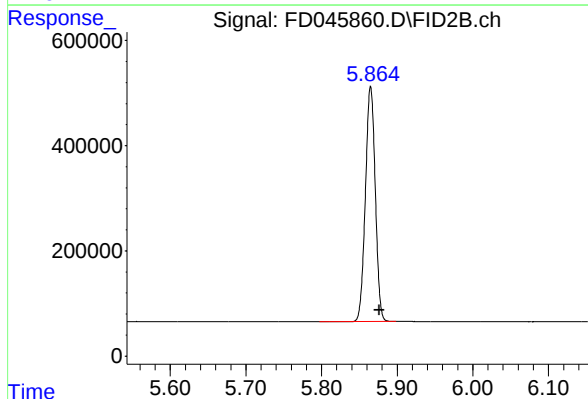




#1 1,2,3-Trimethylbenzene (C10.1)

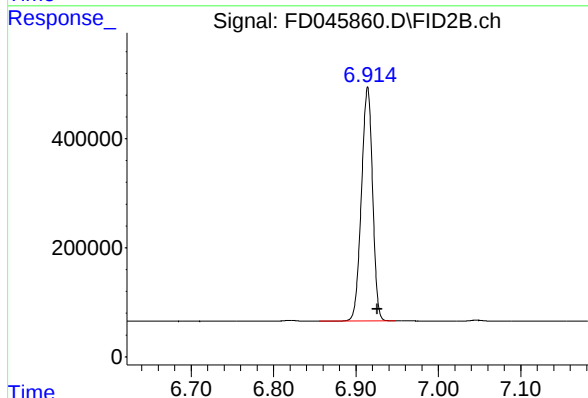
R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 3914280
Conc: 19.39 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



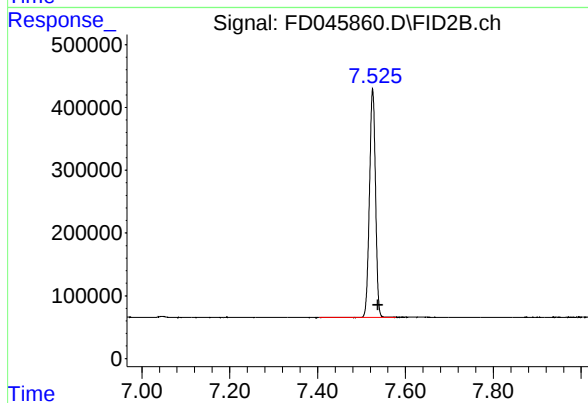
#2 Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: -0.012 min
Response: 4046369
Conc: 19.10 ug/ml



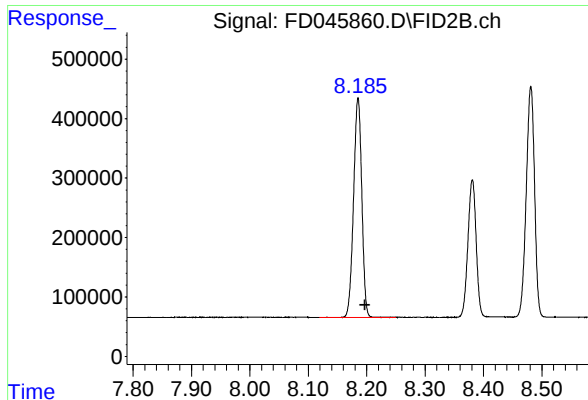
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.012 min
Response: 4034675
Conc: 19.10 ug/ml



#4 2-Bromonaphthalene (SURR)

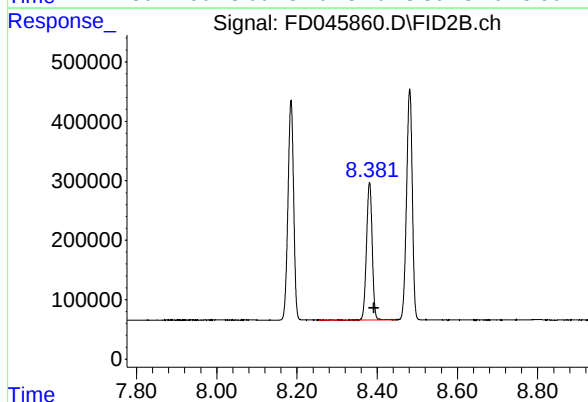
R.T.: 7.525 min
Delta R.T.: -0.012 min
Response: 3464811
Conc: 19.22 ug/ml



#5 Acenaphthylene (C15.06)

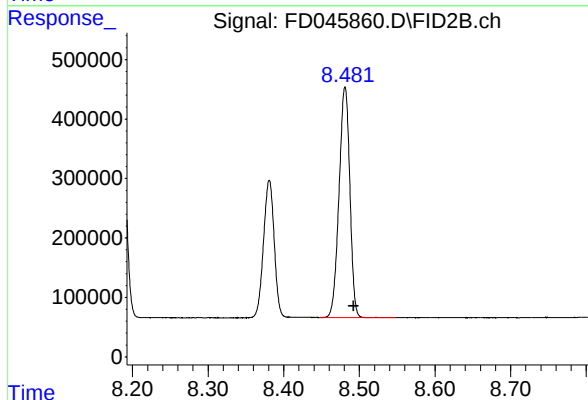
R.T.: 8.185 min
Delta R.T.: -0.012 min
Response: 3618860
Conc: 19.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



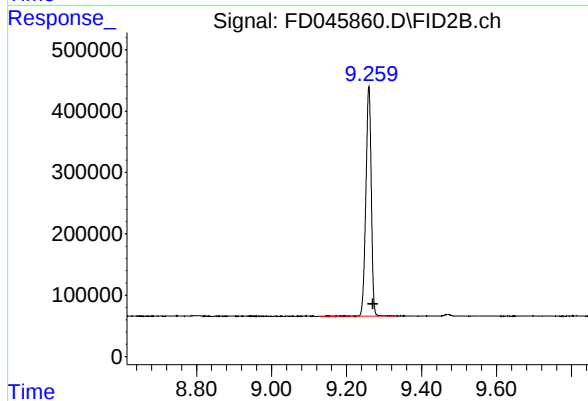
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.381 min
Delta R.T.: -0.012 min
Response: 2284691
Conc: 19.00 ug/ml



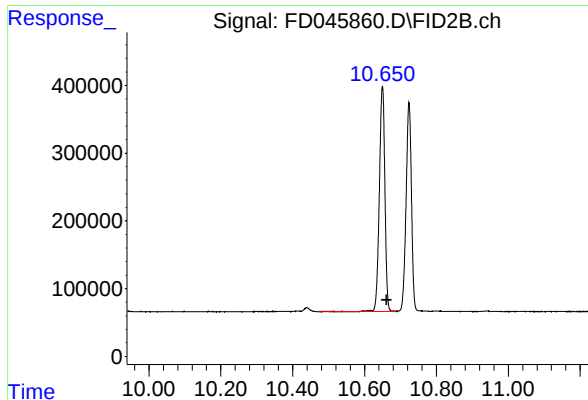
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 3858391
Conc: 19.08 ug/ml



#8 Flouorene (C16.55)

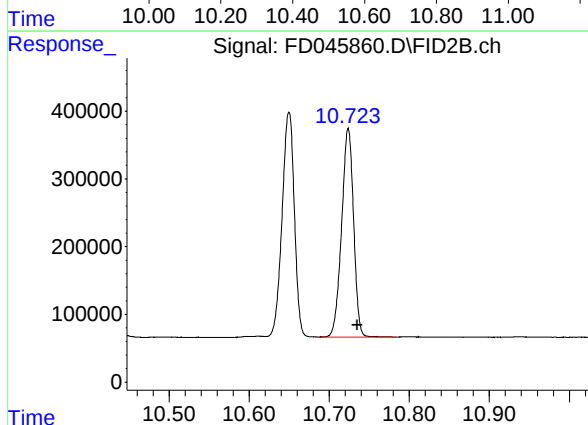
R.T.: 9.259 min
Delta R.T.: -0.011 min
Response: 3737651
Conc: 18.86 ug/ml



#9 Phenanthrene (C19.36)

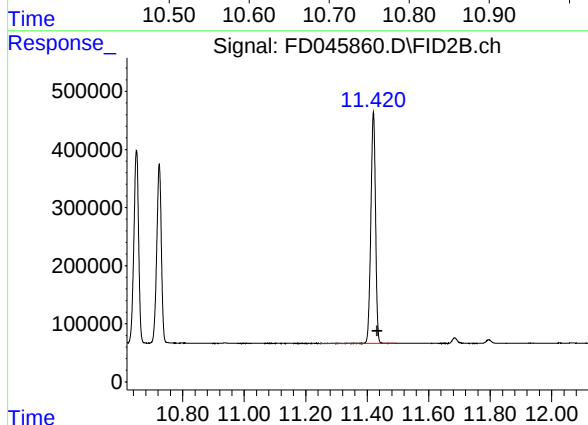
R.T.: 10.650 min
Delta R.T.: -0.011 min
Response: 3566429
Conc: 18.64 ug/ml

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20 PPM AROMATIC HC STD



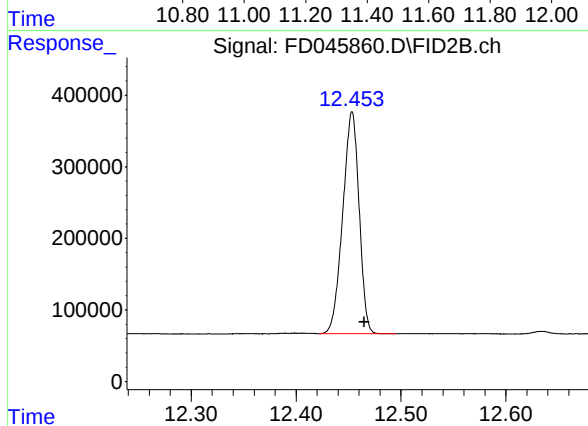
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.012 min
Response: 3201567
Conc: 18.79 ug/ml



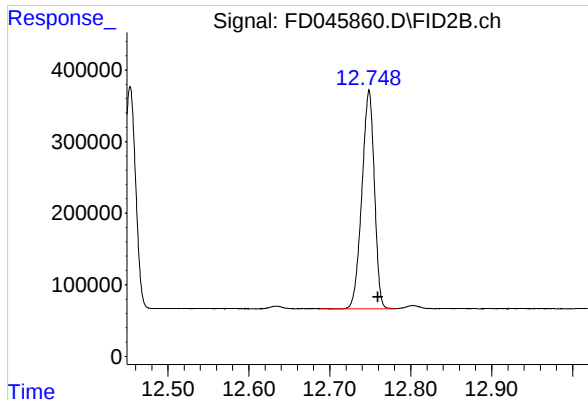
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.012 min
Response: 4195429
Conc: 18.78 ug/ml



#12 Fluoranthene (C21.85)

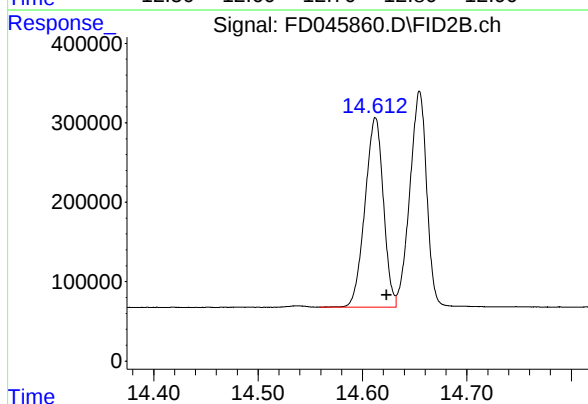
R.T.: 12.453 min
Delta R.T.: -0.012 min
Response: 3374143
Conc: 18.26 ug/ml



#13 Pyrene (C20.8)

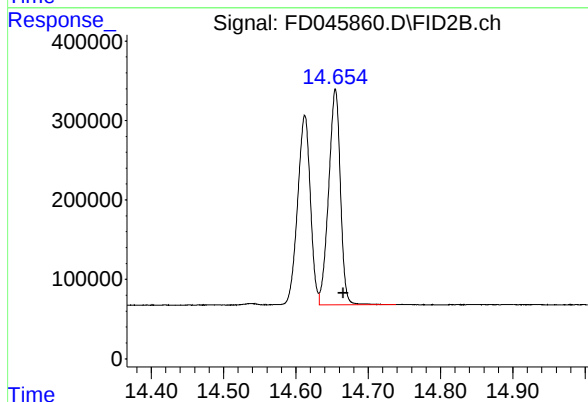
R.T.: 12.748 min
Delta R.T.: -0.011 min
Response: 3273945
Conc: 18.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



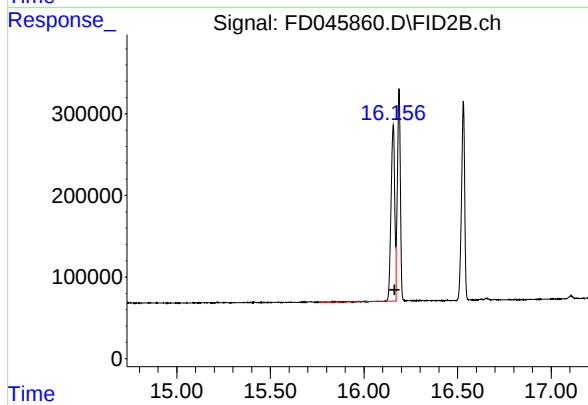
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: -0.011 min
Response: 2917182
Conc: 18.63 ug/ml



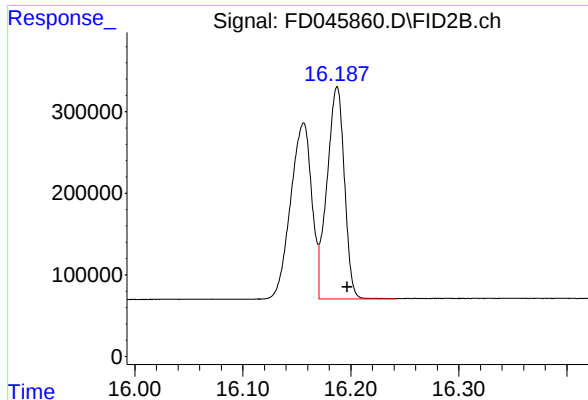
#15 Chrysene (C27.41)

R.T.: 14.655 min
Delta R.T.: -0.011 min
Response: 3067646
Conc: 18.59 ug/ml



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

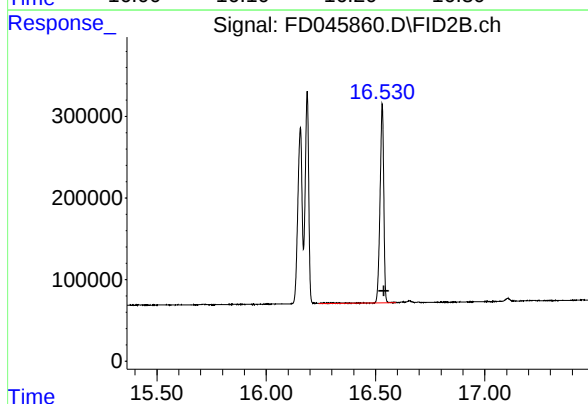
R.T.: 16.156 min
Delta R.T.: -0.009 min
Response: 2972929
Conc: 19.64 ug/ml



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

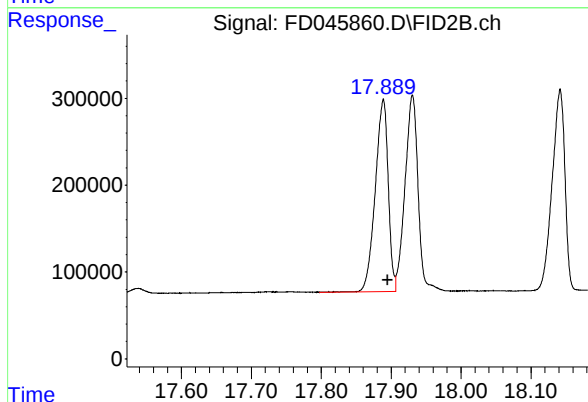
R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 2911522
Conc: 18.81 ug/ml

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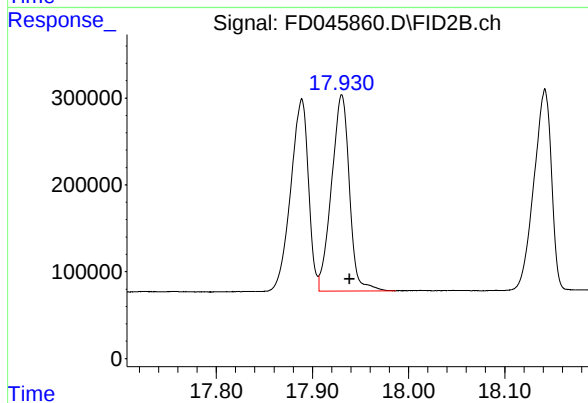
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: -0.009 min
Response: 2890734
Conc: 19.77 ug/ml



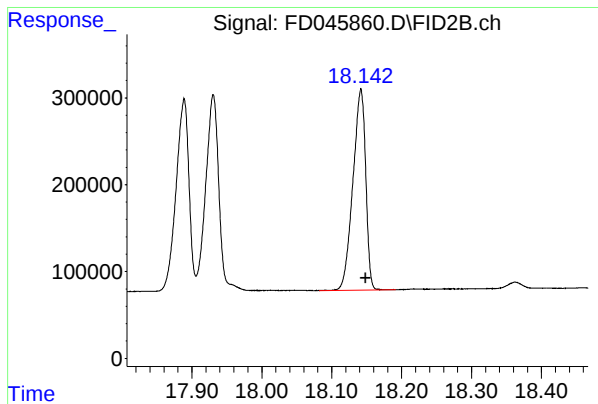
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 2849290
Conc: 19.45 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 2926396
Conc: 19.51 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.008 min
Response: 2951786
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :

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