

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044959.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 13:11
 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: Feb 08 04:07:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.555	2984767	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.411	2015708	20.195 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.452	3810014	20.499 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3243812	20.321 ug/ml
2) T Naphthalene (C11.7)	5.895	3446758	20.343 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3466103	20.204 ug/ml
5) T Acenaphthylene (C15.06)	8.215	3130269	19.920 ug/ml
7) T Acenaphthene (C15.5)	8.511	3400763	20.453 ug/ml
8) T Flouorene (C16.55)	9.289	3342996	20.367 ug/ml
9) T Phenanthrene (C19.36)	10.680	3264096	20.188 ug/ml
10) T Anthracene (C19.43)	10.754	2502307	16.879 ug/ml
12) T Fluoranthene (C21.85)	12.485	3275149	20.464 ug/ml
13) T Pyrene (C20.8)	12.780	3178509	20.256 ug/ml
14) T Benzo[a]anthracene (C...	14.644	2784236	19.508 ug/ml
15) T Chrysene (C27.41)	14.687	3007136	20.310 ug/ml
16) T benzo[b]fluoranthene ...	16.188	2891279	19.930 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	2994559	21.004 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	2641034	18.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.921	2759528	20.506 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	2908649	21.949 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	2771972	20.387 ug/ml

(f)=RT Delta > 1/2 Window

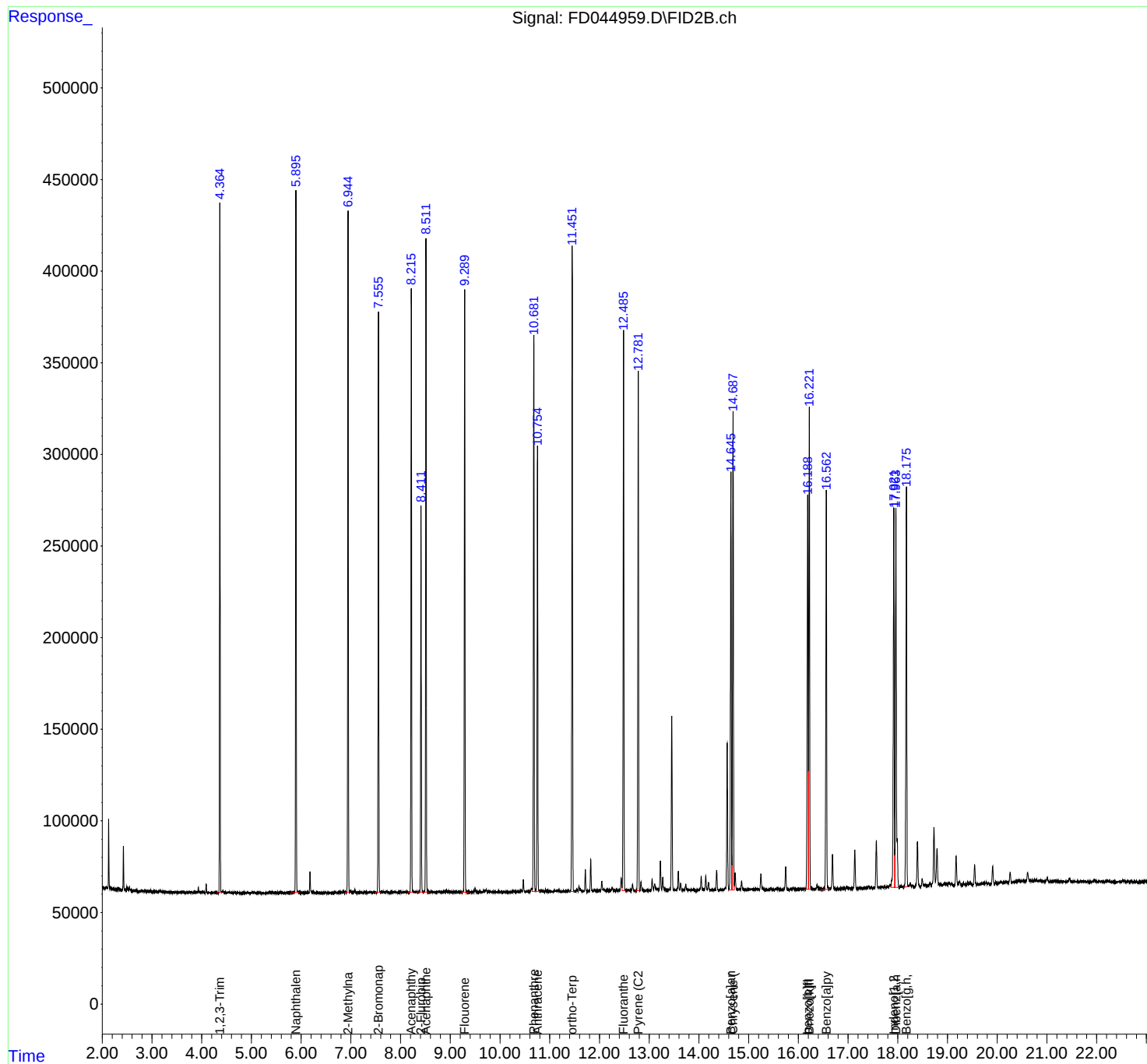
(m)=manual int.

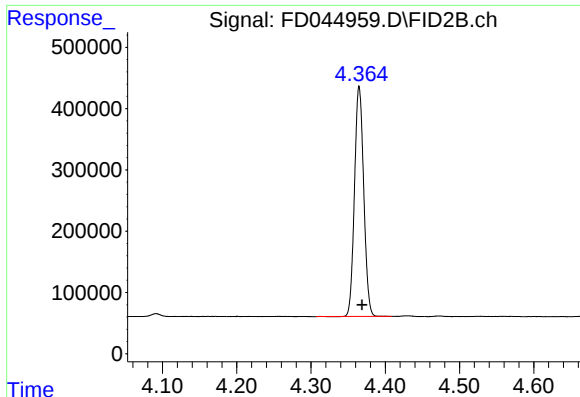
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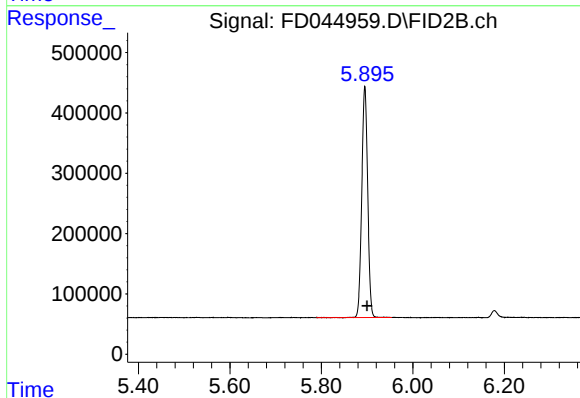




#1 1,2,3-Trimethylbenzene (C10.1)

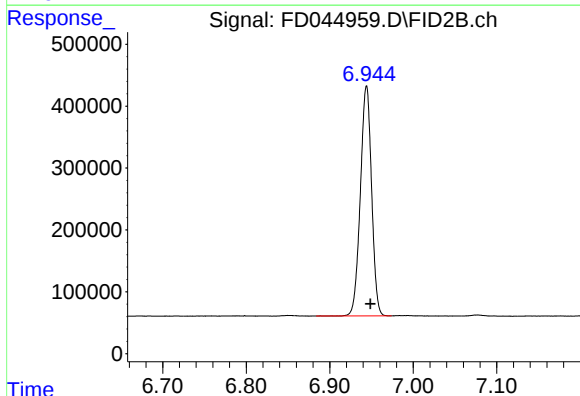
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3243812
Conc: 20.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



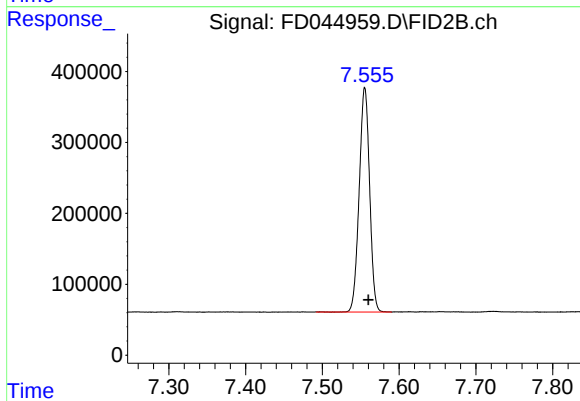
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 3446758
Conc: 20.34 ug/ml



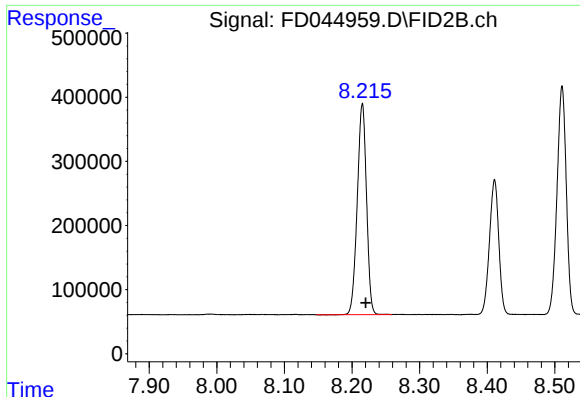
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3466103
Conc: 20.20 ug/ml



#4 2-Bromonaphthalene (SURR)

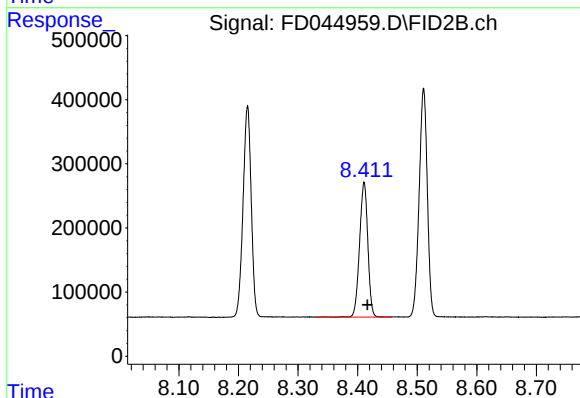
R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 2984767
Conc: 20.35 ug/ml



#5 Acenaphthylene (C15.06)

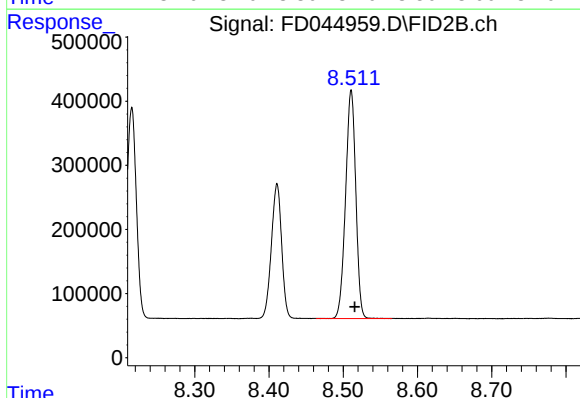
R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 3130269
Conc: 19.92 ug/ml

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20 PPM AROMATIC HC STD



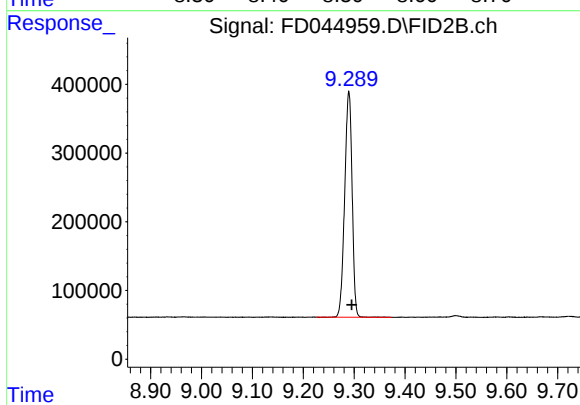
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.006 min
Response: 2015708
Conc: 20.19 ug/ml



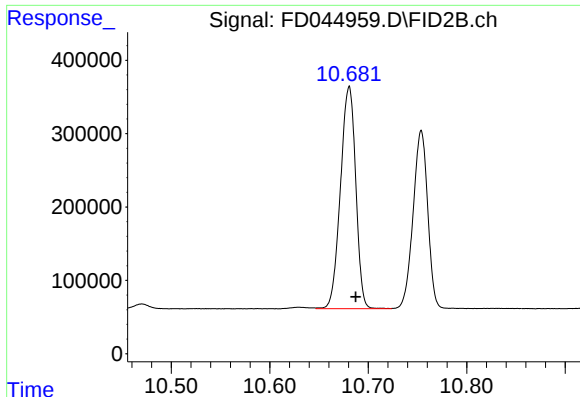
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3400763
Conc: 20.45 ug/ml



#8 Fluorene (C16.55)

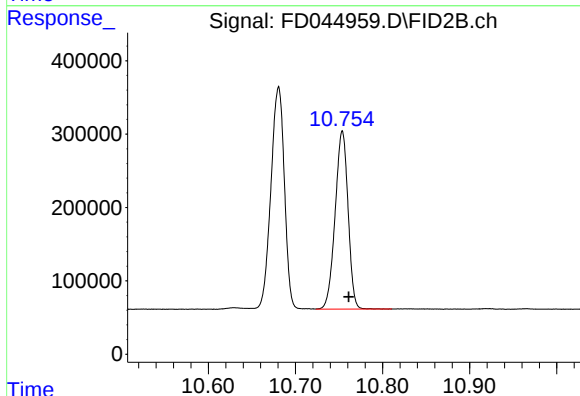
R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 3342996
Conc: 20.37 ug/ml



#9 Phenanthrene (C19.36)

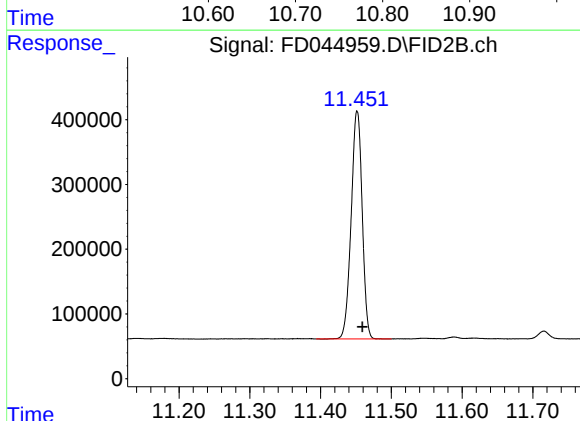
R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 3264096
Conc: 20.19 ug/ml

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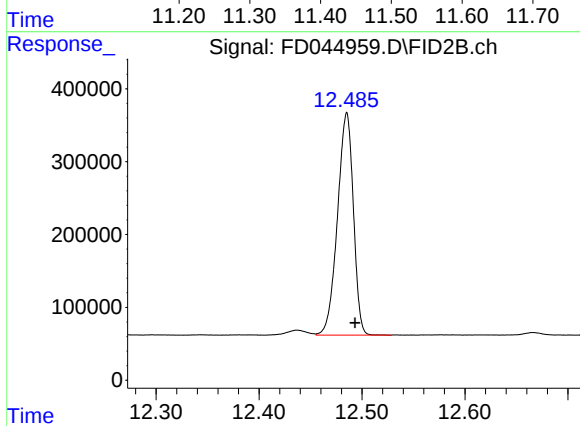
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.007 min
Response: 2502307
Conc: 16.88 ug/ml



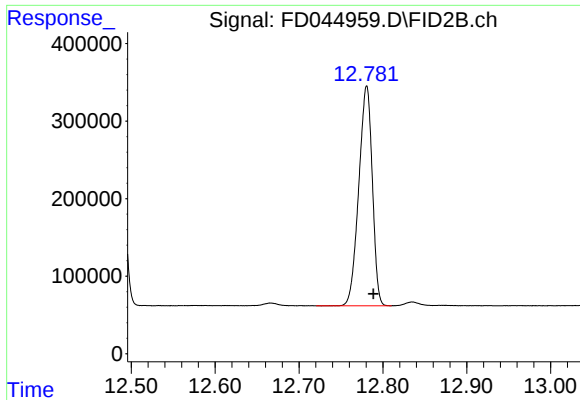
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 3810014
Conc: 20.50 ug/ml



#12 Fluoranthene (C21.85)

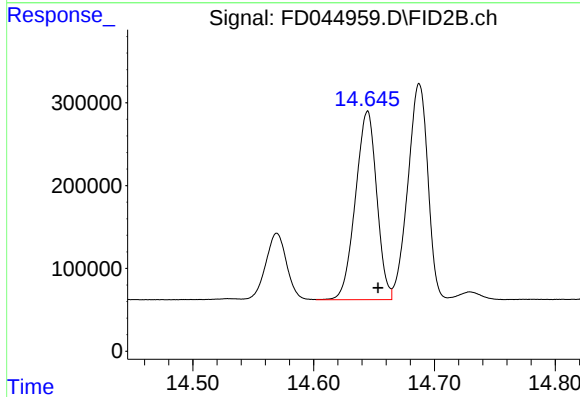
R.T.: 12.485 min
Delta R.T.: -0.008 min
Response: 3275149
Conc: 20.46 ug/ml



#13 Pyrene (C20.8)

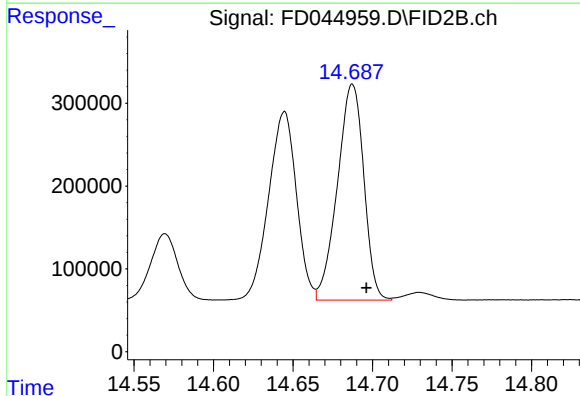
R.T.: 12.780 min
Delta R.T.: -0.008 min
Response: 3178509
Conc: 20.26 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



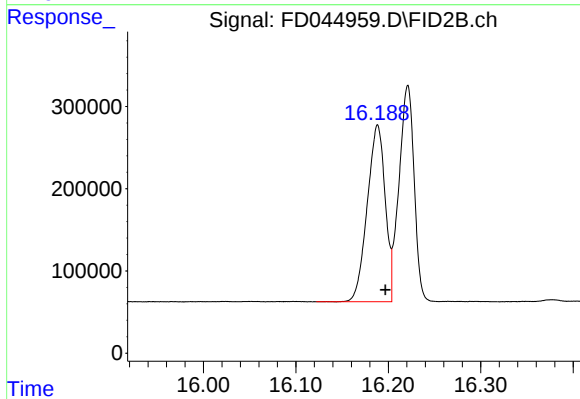
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.009 min
Response: 2784236
Conc: 19.51 ug/ml



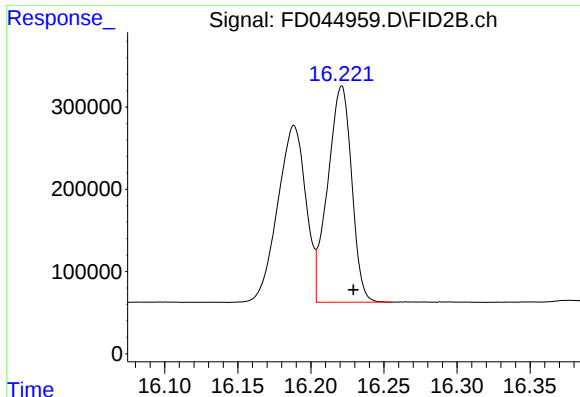
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.009 min
Response: 3007136
Conc: 20.31 ug/ml



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

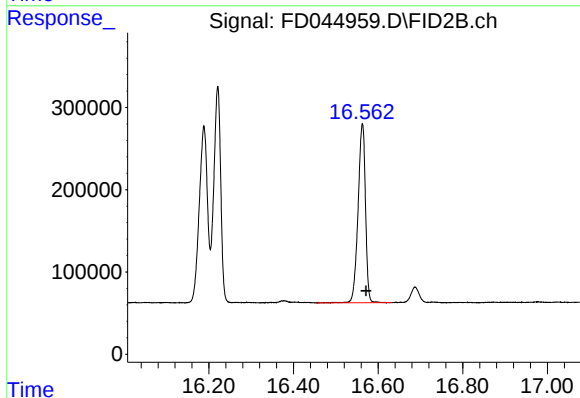
R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 2891279
Conc: 19.93 ug/ml



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

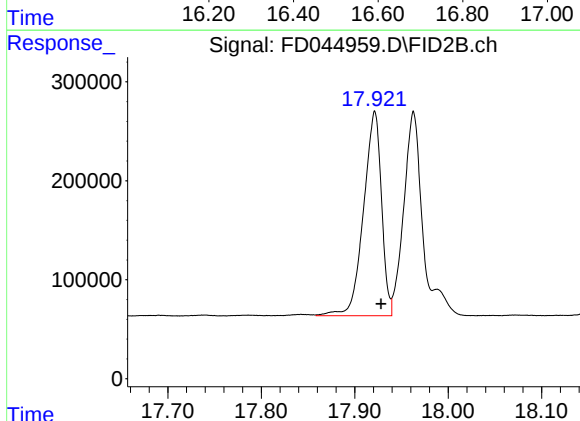
R.T.: 16.221 min
Delta R.T.: -0.008 min
Response: 2994559
Conc: 21.00 ug/ml

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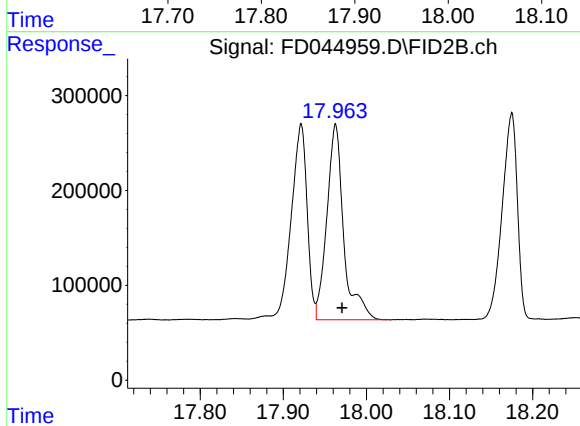
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: -0.009 min
Response: 2641034
Conc: 18.90 ug/ml



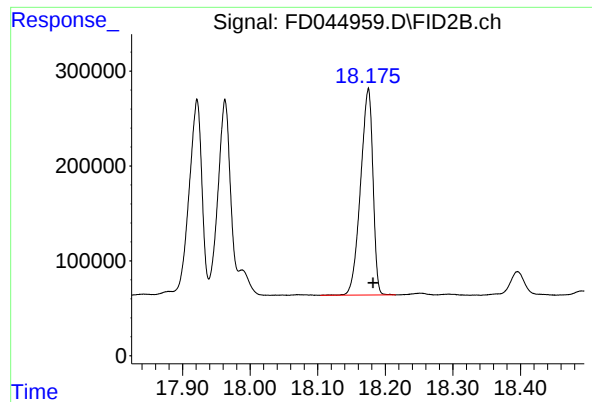
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.921 min
Delta R.T.: -0.007 min
Response: 2759528
Conc: 20.51 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.008 min
Response: 2908649
Conc: 21.95 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.008 min
Response: 2771972
Conc: 20.39 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD