

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049239.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 21:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 08 05:27:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 2025
 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...	7.752	2908654	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	8.619	2005320	19.659 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.32%
11) S ortho-Terphenyl (SURR)	11.661	3444693	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.544	2956529	19.730 ug/ml
2) T Naphthalene (C11.7)	6.089	3199254	19.539 ug/ml
3) T 2-Methylnaphthalene (...)	7.143	3158879	19.529 ug/ml
5) T Acenaphthylene (C15.06)	8.422	3428898	19.412 ug/ml
7) T Acenaphthene (C15.5)	8.718	3361778	19.513 ug/ml
8) T Fluorene (C16.55)	9.499	3400716	19.502 ug/ml
9) T Phenanthrene (C19.36)	10.897	3371871	19.648 ug/ml
10) T Anthracene (C19.43)	10.971	3092915	19.688 ug/ml
12) T Fluoranthene (C21.85)	12.710	3345789	19.794 ug/ml
13) T Pyrene (C20.8)	13.008	3321261	19.803 ug/ml
14) T Benzo[a]anthracene (C...	14.877	2871431	19.976 ug/ml
15) T Chrysene (C27.41)	14.920	2883937	19.987 ug/ml
16) T benzo[b]fluoranthene ...	16.427	2766554	19.886 ug/ml
17) T Bnezo[k]fluoranthene ...	16.461	2737044	20.012 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.806	2629517	20.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.169	2434349	19.747 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	2541421	20.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.426	2598045	19.901 ug/ml

(f)=RT Delta > 1/2 Window

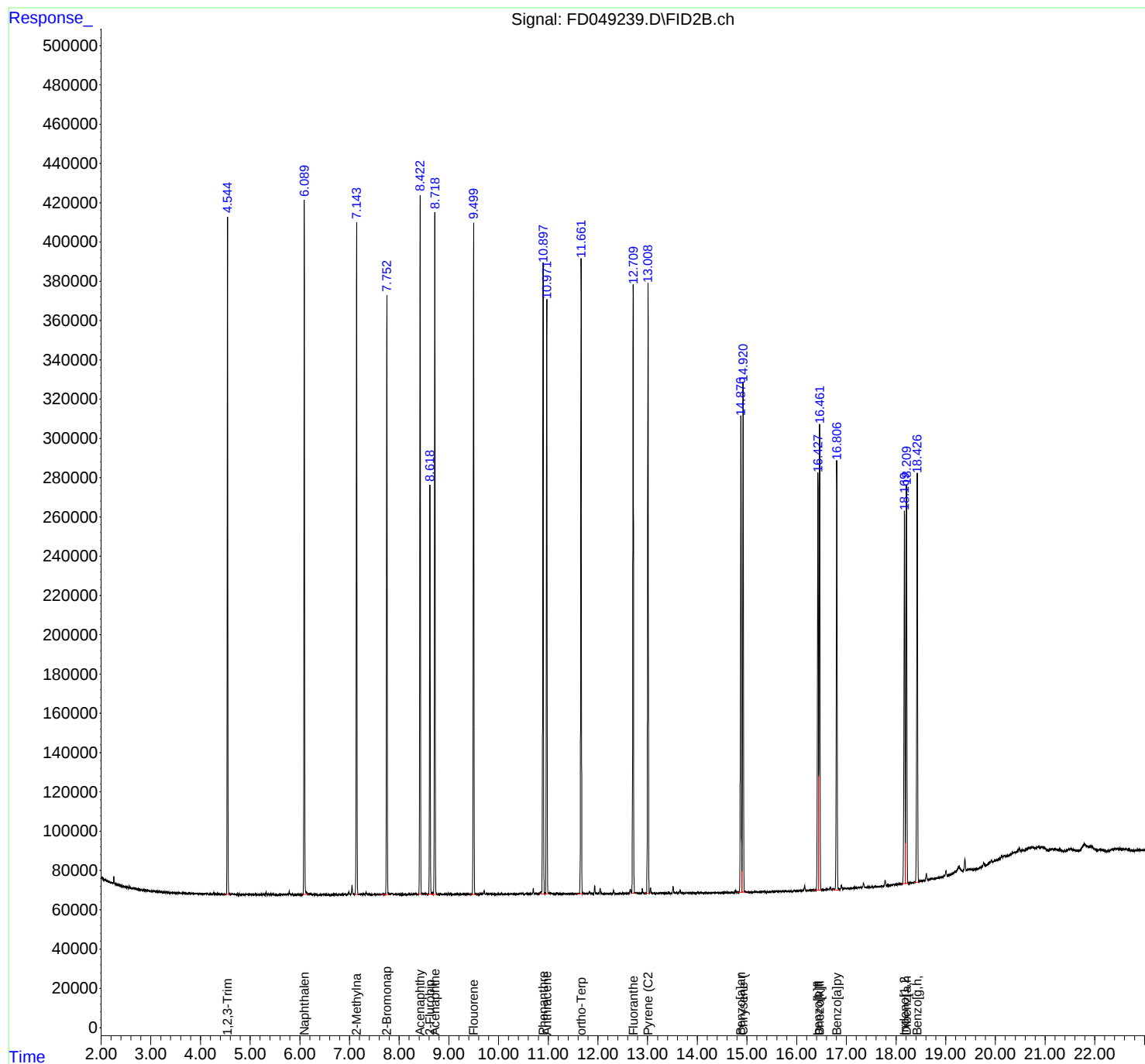
(m)=manual int.

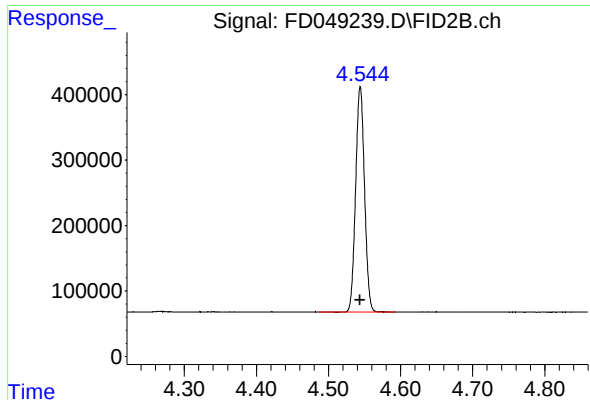
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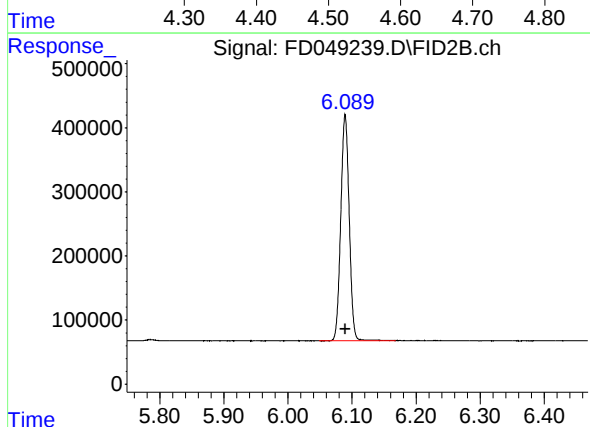




#1 1,2,3-Trimethylbenzene (C10.1)

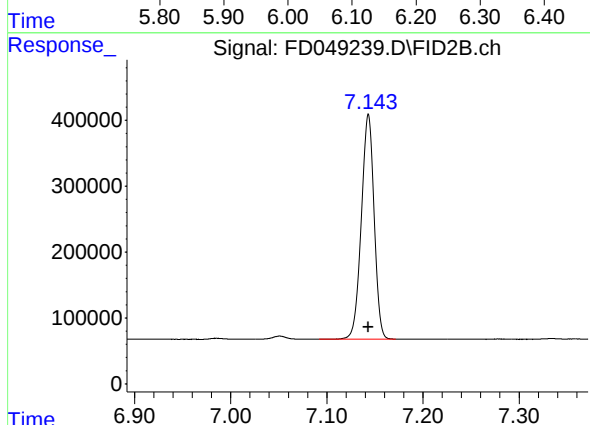
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 2956529
Conc: 19.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



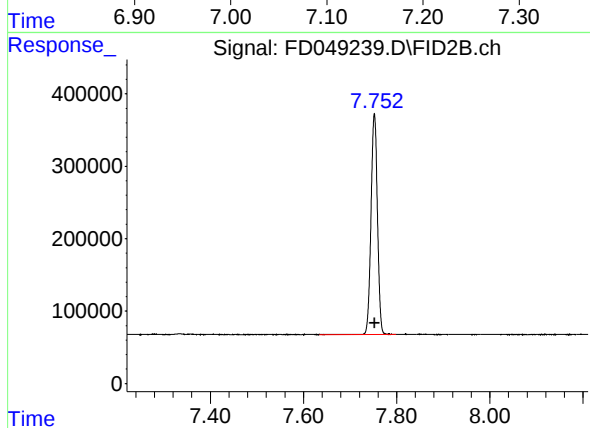
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 3199254
Conc: 19.54 ug/ml



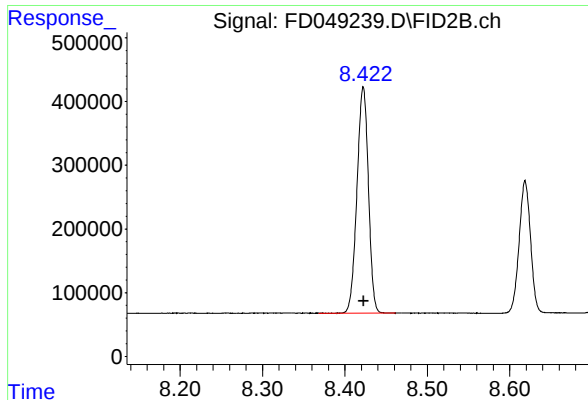
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 3158879
Conc: 19.53 ug/ml



#4 2-Bromonaphthalene (SURR)

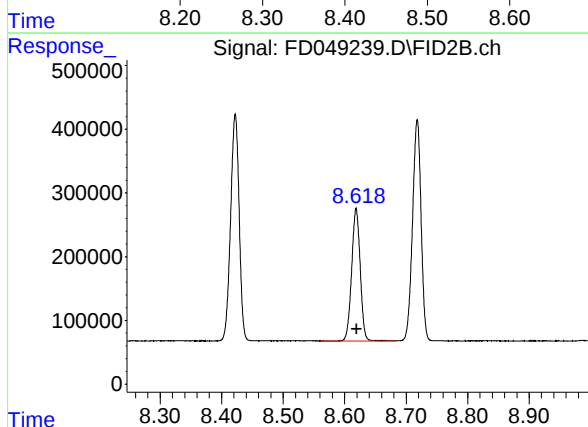
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 2908654
Conc: 19.64 ug/ml



#5 Acenaphthylene (C15.06)

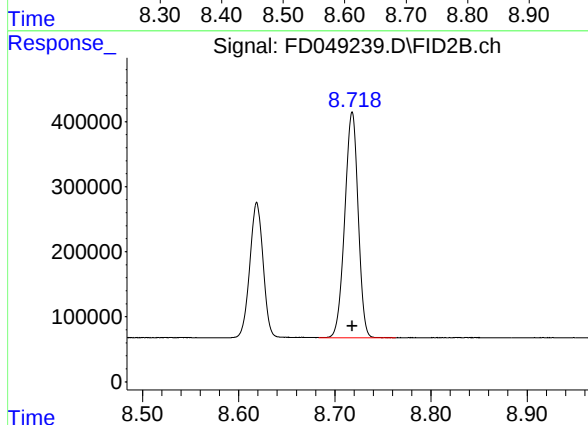
R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 3428898
Conc: 19.41 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



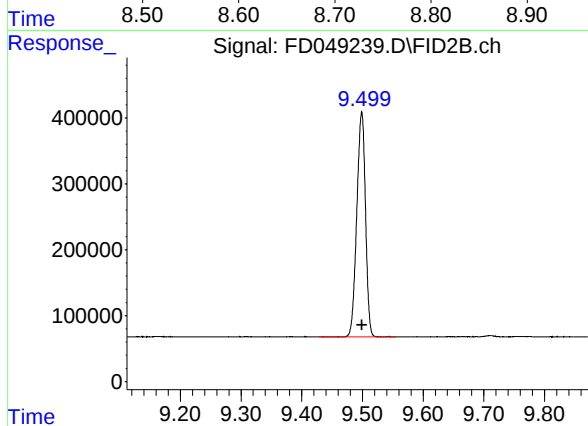
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 2005320
Conc: 19.66 ug/ml



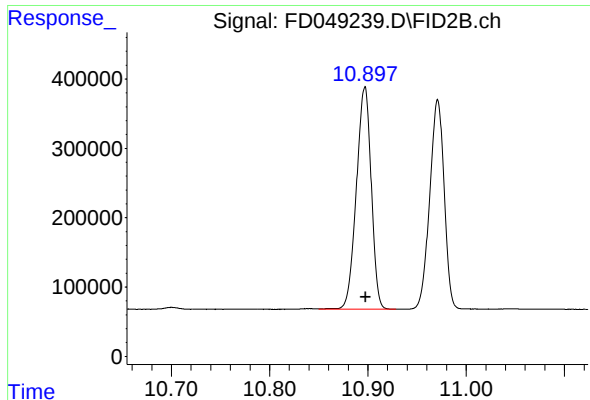
#7 Acenaphthene (C15.5)

R.T.: 8.718 min
Delta R.T.: 0.000 min
Response: 3361778
Conc: 19.51 ug/ml



#8 Flouorene (C16.55)

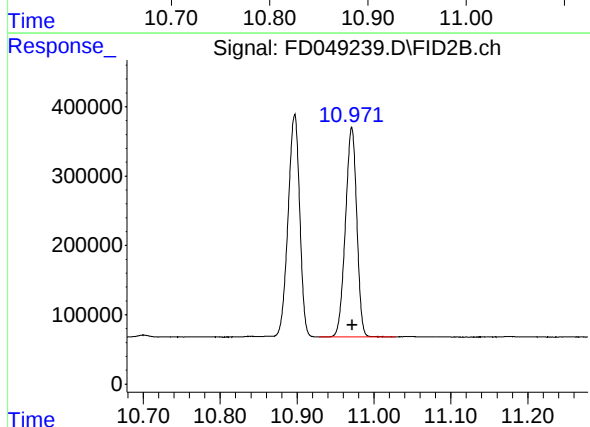
R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 3400716
Conc: 19.50 ug/ml



#9 Phenanthrene (C19.36)

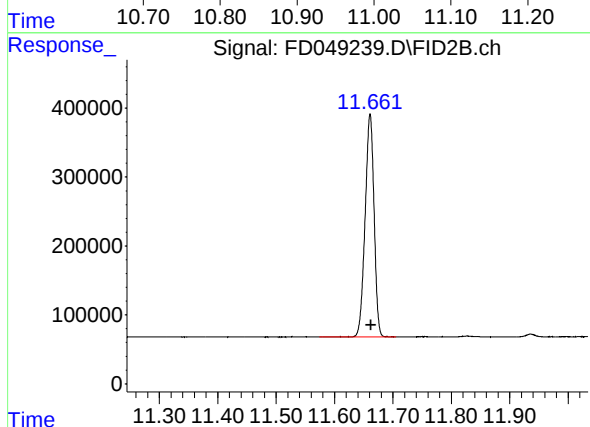
R.T.: 10.897 min
Delta R.T.: 0.000 min
Response: 3371871
Conc: 19.65 ug/ml

Instrument :
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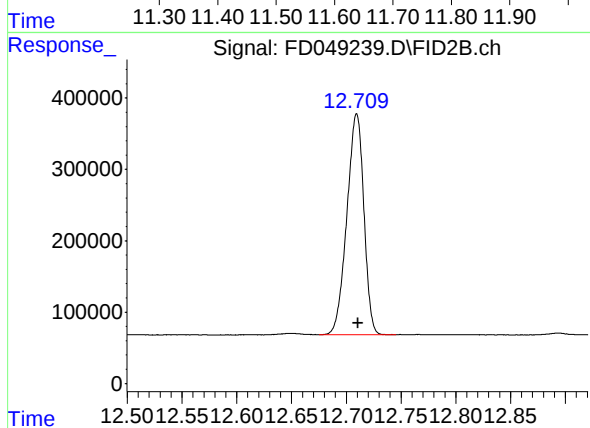
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: 0.000 min
Response: 3092915
Conc: 19.69 ug/ml



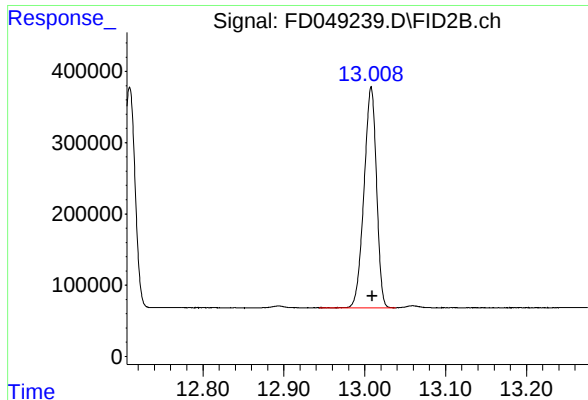
#11 ortho-Terphenyl (SURRE)

R.T.: 11.661 min
Delta R.T.: -0.001 min
Response: 3444693
Conc: 19.55 ug/ml



#12 Fluoranthene (C21.85)

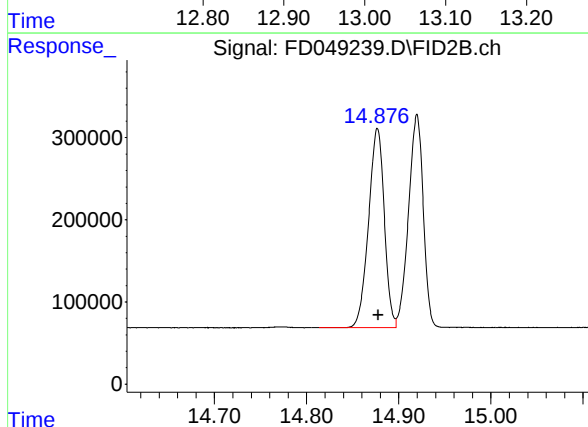
R.T.: 12.710 min
Delta R.T.: -0.001 min
Response: 3345789
Conc: 19.79 ug/ml



#13 Pyrene (C20.8)

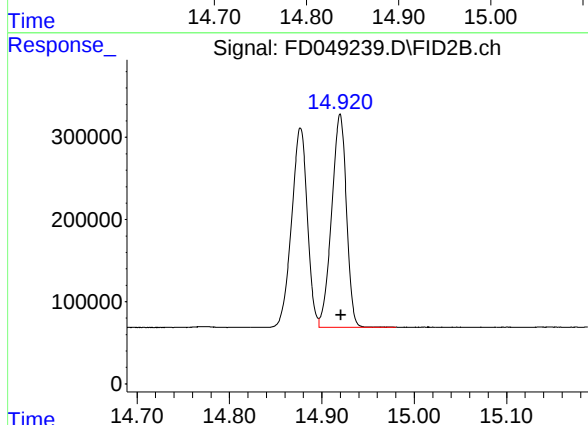
R.T.: 13.008 min
Delta R.T.: -0.001 min
Response: 3321261
Conc: 19.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



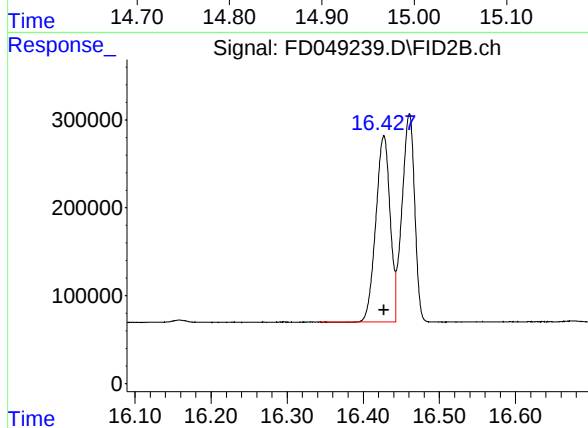
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: 0.000 min
Response: 2871431
Conc: 19.98 ug/ml



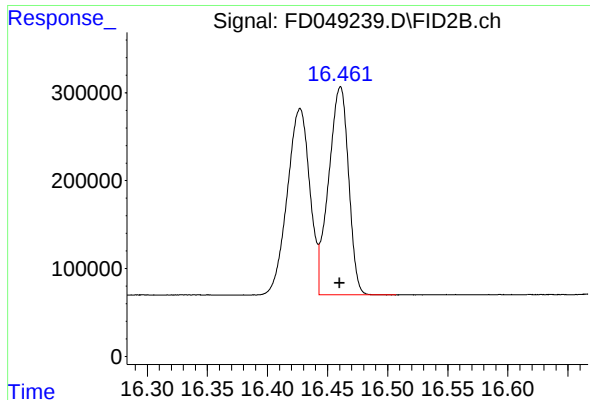
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.000 min
Response: 2883937
Conc: 19.99 ug/ml



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

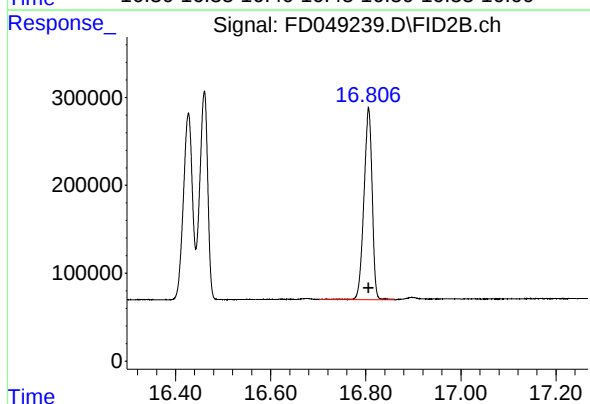
R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 2766554
Conc: 19.89 ug/ml



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

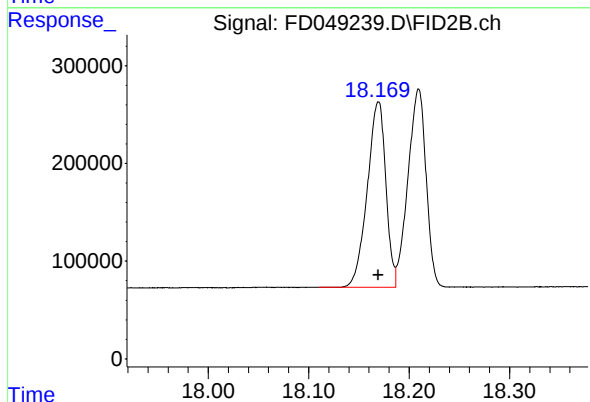
R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 2737044
Conc: 20.01 ug/ml

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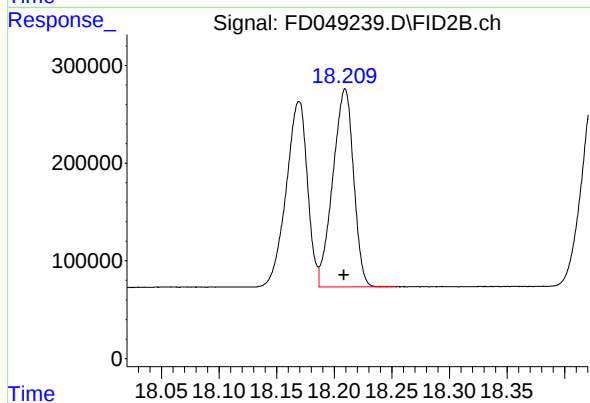
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.806 min
Delta R.T.: 0.000 min
Response: 2629517
Conc: 20.22 ug/ml



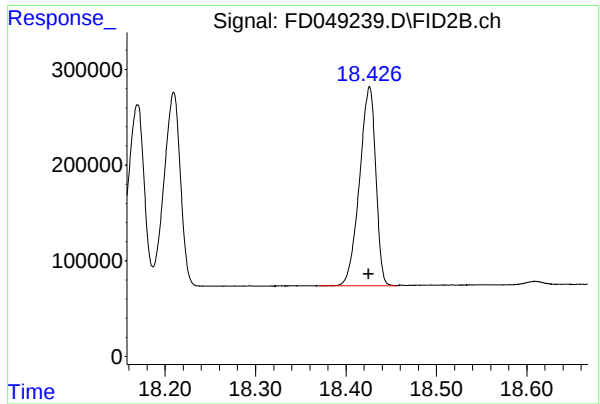
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 2434349
Conc: 19.75 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.000 min
Response: 2541421
Conc: 20.10 ug/ml



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

R.T.: 18.426 min

Delta R.T.: 0.001 min

Response: 2598045

Conc: 19.90 ug/ml

Instrument :

FID_D

ClientSampleId :

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