

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AR\
 Data File : FD044387.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2022 19:46
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 06:00:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 05:41:11 2022
 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...	7.708	728228	5.382 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
6) S 2-Fluorobiphenyl (SURR)	8.571	513163	5.472 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.94%
11) S ortho-Terphenyl (SURR)	11.614	917615	5.348 ug/ml
Spiked Amount 50.000		Recovery =	10.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	784818	5.384 ug/ml
2) T Naphthalene (C11.7)	6.048	839681	5.393 ug/ml
3) T 2-Methylnaphthalene (...)	7.099	856830	5.423 ug/ml
5) T Acenaphthylene (C15.06)	8.375	847593	5.621 ug/ml
7) T Acenaphthene (C15.5)	8.670	843090	5.449 ug/ml
8) T Flouorene (C16.55)	9.449	836914	5.442 ug/ml
9) T Phenanthrene (C19.36)	10.847	795994	5.293 ug/ml
10) T Anthracene (C19.43)	10.920	775385	5.292 ug/ml
12) T Fluoranthene (C21.85)	12.657	808061	5.317 ug/ml
13) T Pyrene (C20.8)	12.953	781750	5.259 ug/ml
14) T Benzo[a]anthracene (C...	14.819	735565	5.255 ug/ml
15) T Chrysene (C27.41)	14.860	774835	5.291 ug/ml
16) T benzo[b]fluoranthene ...	16.363	753818	5.241 ug/ml
17) T Bnezo[k]fluoranthene ...	16.395	753807	5.302 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	726782	5.195 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.098	699457	5.130 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	717435	5.326 ug/ml
21) T Benzo[g,h,i]perylene ...	18.351	714152	5.232 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 5 PPM AROMATIC HC STD5
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ALS Vial : 60 Sample Multiplier: 1

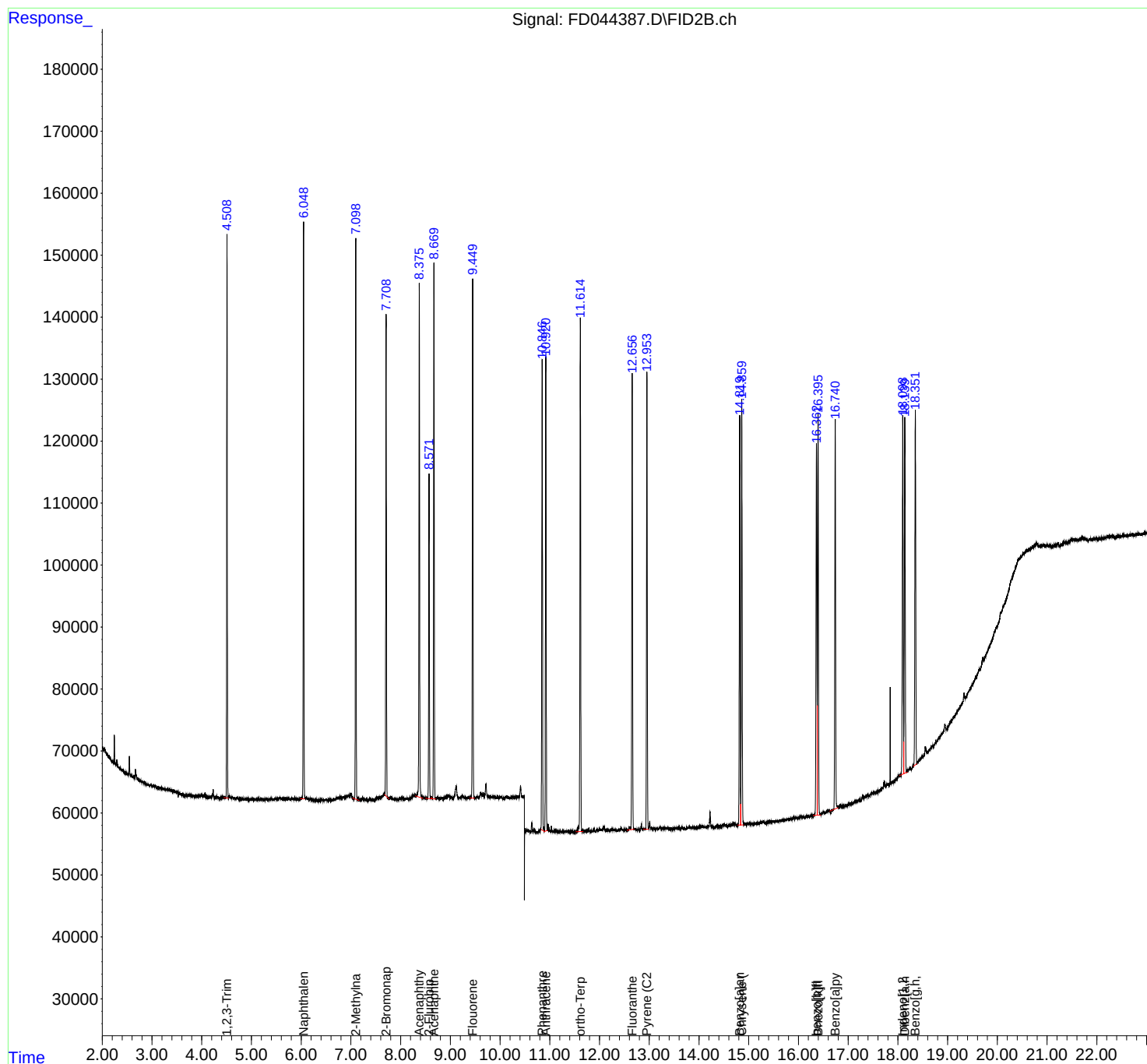
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

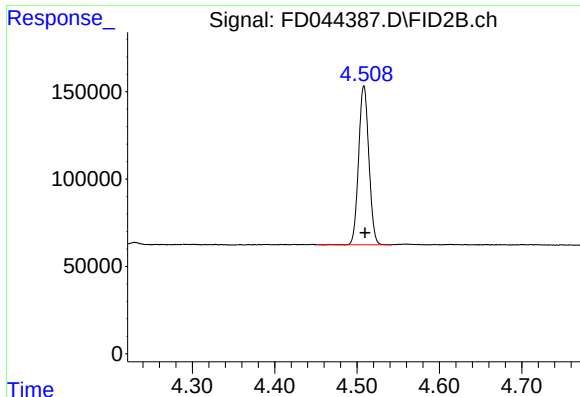
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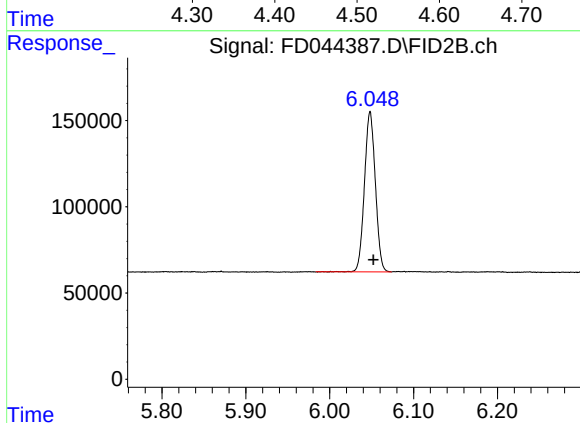
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 784818
Conc: 5.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

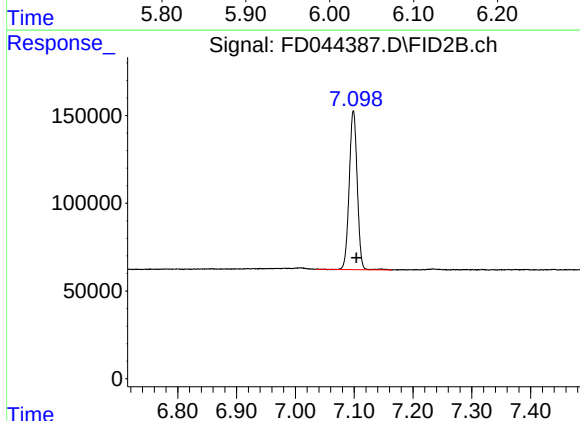
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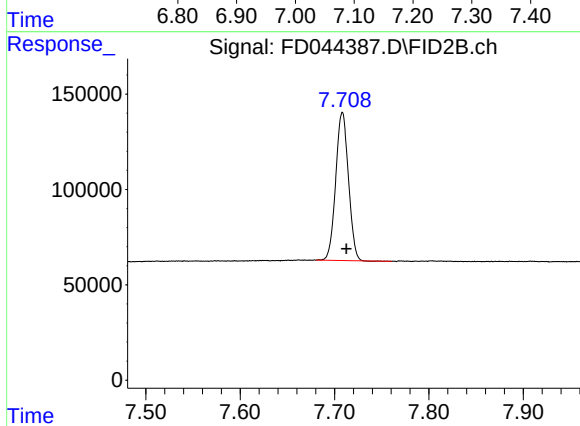
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.004 min
Response: 839681
Conc: 5.39 ug/ml



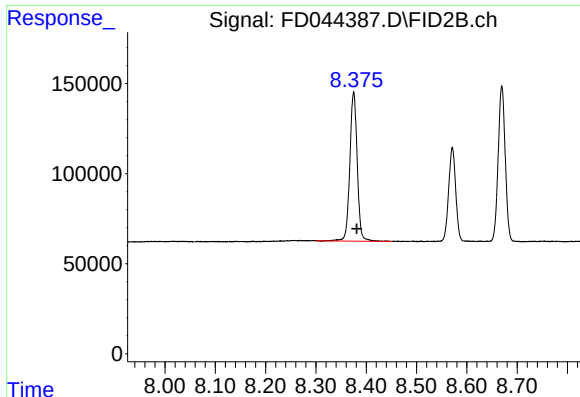
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.005 min
Response: 856830
Conc: 5.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.708 min
Delta R.T.: -0.004 min
Response: 728228
Conc: 5.38 ug/ml



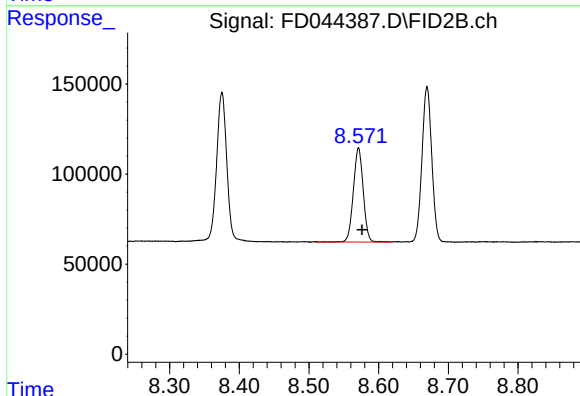
#5 Acenaphthylene (C15.06)

R.T.: 8.375 min
Delta R.T.: -0.006 min
Response: 847593
Conc: 5.62 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

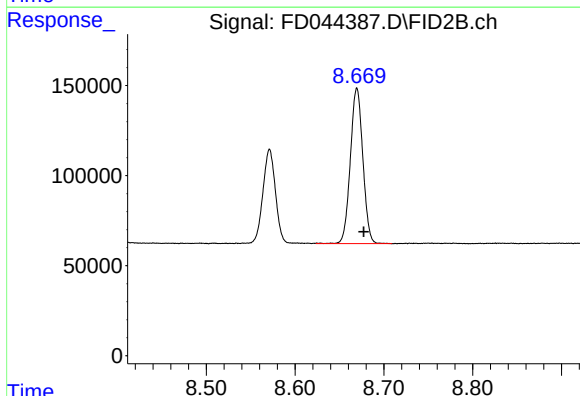
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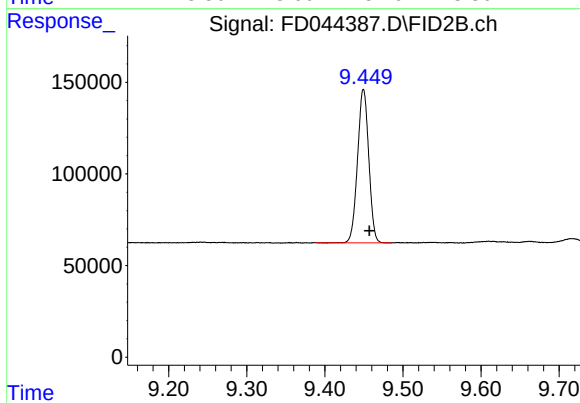
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.571 min
Delta R.T.: -0.005 min
Response: 513163
Conc: 5.47 ug/ml



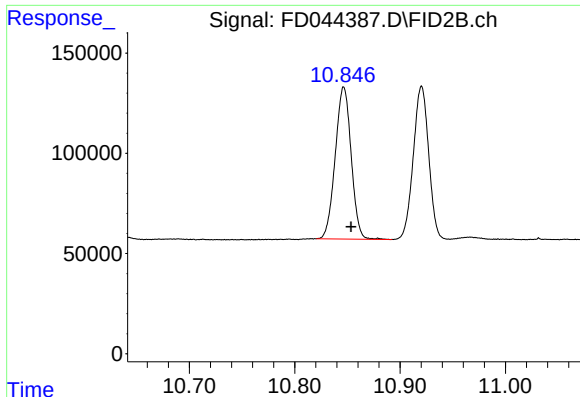
#7 Acenaphthene (C15.5)

R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 843090
Conc: 5.45 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.449 min
Delta R.T.: -0.008 min
Response: 836914
Conc: 5.44 ug/ml



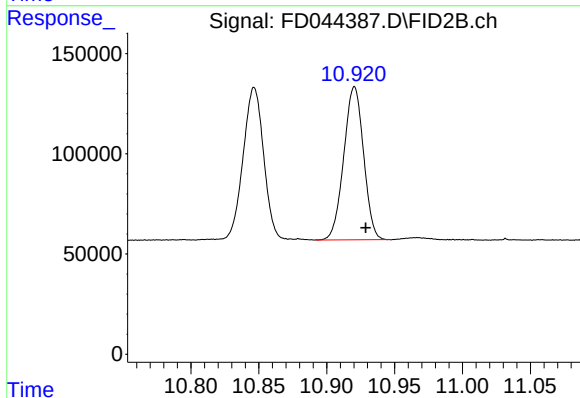
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: -0.007 min
Response: 795994
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

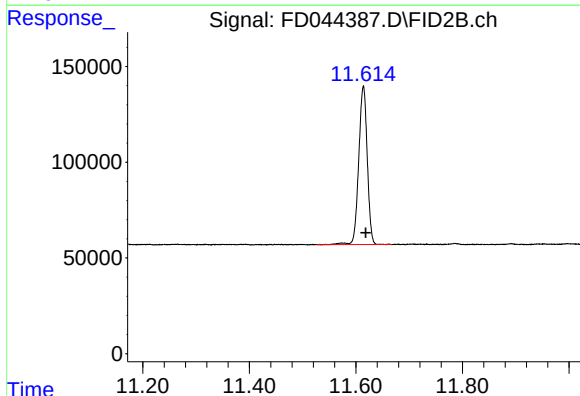
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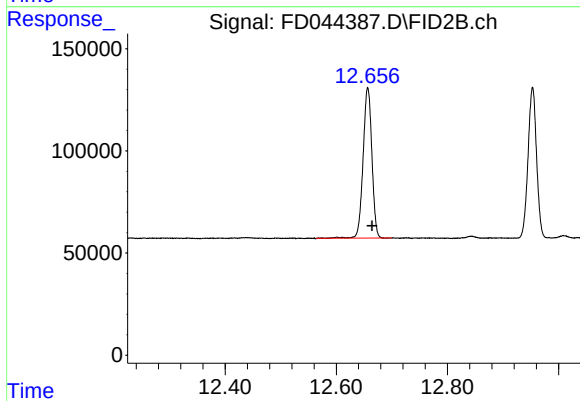
#10 Anthracene (C19.43)

R.T.: 10.920 min
Delta R.T.: -0.008 min
Response: 775385
Conc: 5.29 ug/ml



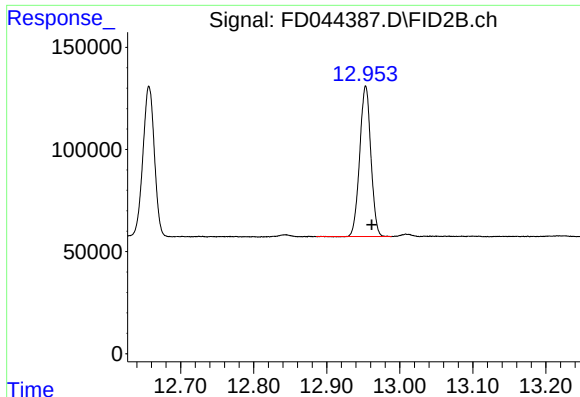
#11 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.004 min
Response: 917615
Conc: 5.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.008 min
Response: 808061
Conc: 5.32 ug/ml



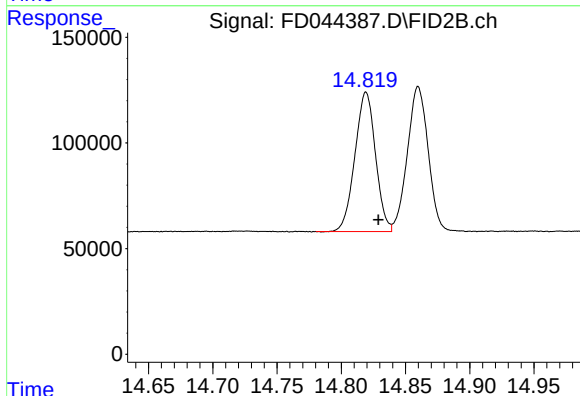
#13 Pyrene (C20.8)

R.T.: 12.953 min
Delta R.T.: -0.009 min
Response: 781750
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

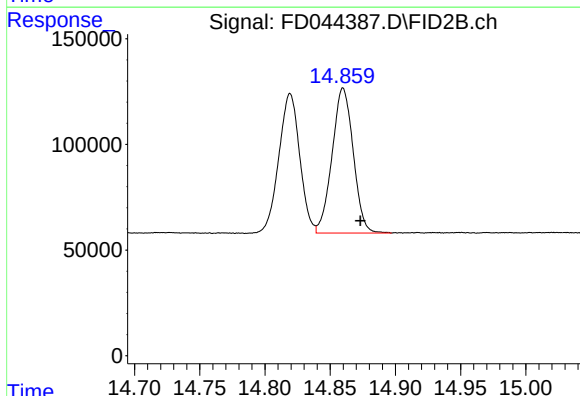
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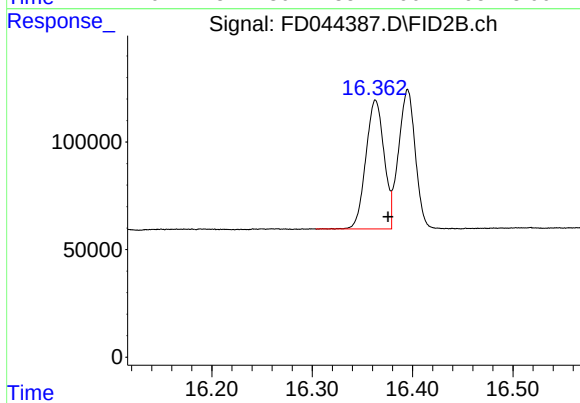
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.819 min
Delta R.T.: -0.010 min
Response: 735565
Conc: 5.26 ug/ml



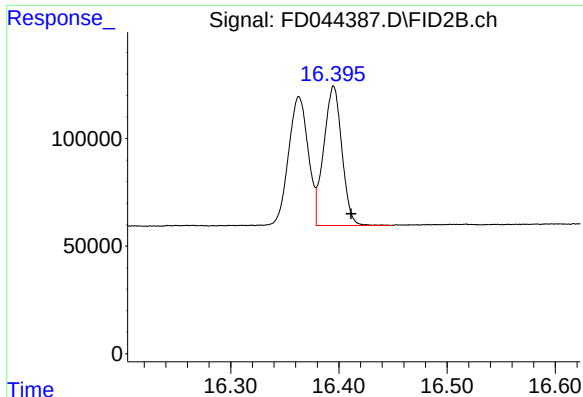
#15 Chrysene (C27.41)

R.T.: 14.860 min
Delta R.T.: -0.013 min
Response: 774835
Conc: 5.29 ug/ml



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

R.T.: 16.363 min
Delta R.T.: -0.012 min
Response: 753818
Conc: 5.24 ug/ml



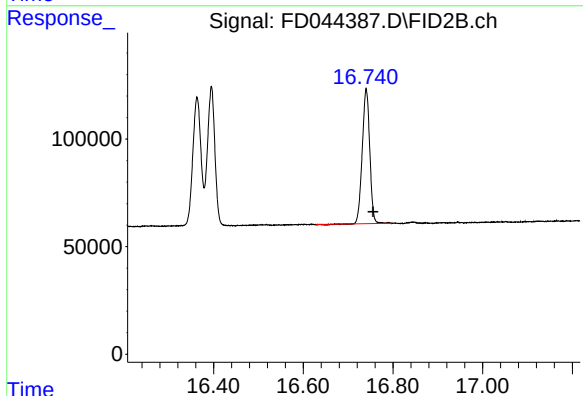
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.395 min
Delta R.T.: -0.016 min
Response: 753807
Conc: 5.30 ug/ml

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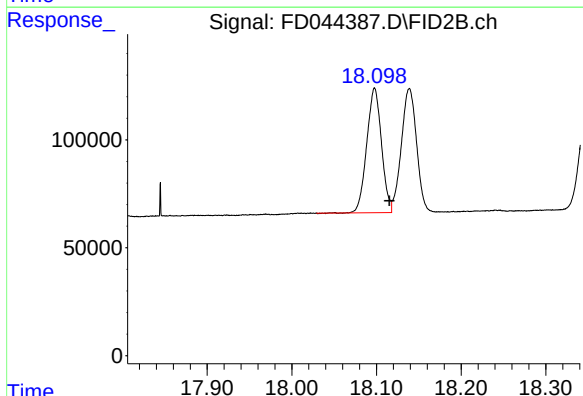
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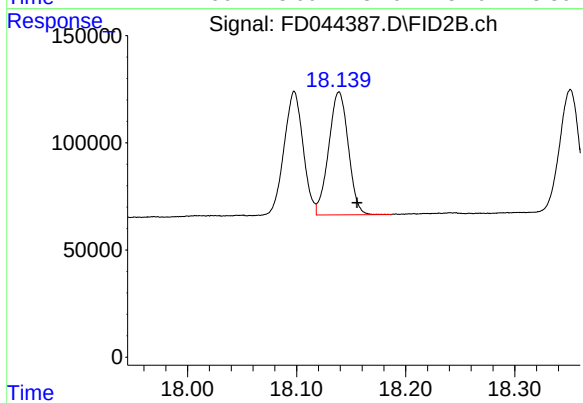
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.015 min
Response: 726782
Conc: 5.19 ug/ml



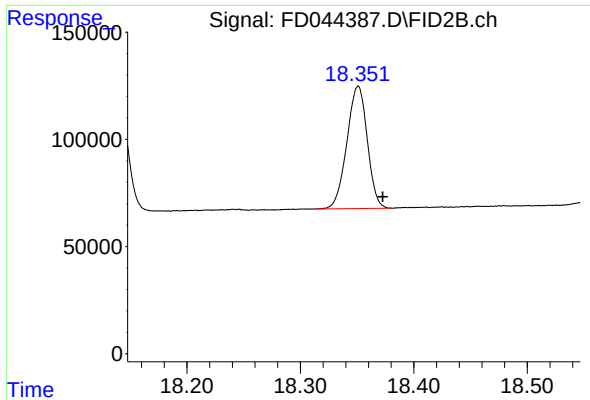
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.098 min
Delta R.T.: -0.017 min
Response: 699457
Conc: 5.13 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.017 min
Response: 717435
Conc: 5.33 ug/ml



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

R.T.: 18.351 min
Delta R.T.: -0.022 min
Response: 714152
Conc: 5.23 ug/ml

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