

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
 Data File : FD046656.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 12:11
 Operator : YP/AJ
 Sample : 04699-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 05 23:52:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.492	10727105	60.871 ug/ml
Spiked Amount 50.000		Recovery =	121.74%
6) S 2-Fluorobiphenyl (SURR)	8.345	7174602	61.925 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.85%
11) S ortho-Terphenyl (SURR)	11.385	11426723	56.088 ug/ml
Spiked Amount 50.000		Recovery =	112.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	847252	4.587 ug/ml
2) T Naphthalene (C11.7)	5.828	967300	5.006 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	993262	5.126 ug/ml
5) T Acenaphthylene (C15.06)	8.144	1004415	5.696 ug/ml
7) T Acenaphthene (C15.5)	8.438	995870	5.300 ug/ml
8) T Fluorene (C16.55)	9.216	998366	5.534 ug/ml
9) T Phenanthrene (C19.36)	10.604	968588	5.509 ug/ml
10) T Anthracene (C19.43)	10.679	930463	6.058 ug/ml
12) T Fluoranthene (C21.85)	12.406	969590	5.689 ug/ml
13) T Pyrene (C20.8)	12.700	979694	5.972 ug/ml
14) T Benzo[a]anthracene (C...	14.563	824969	5.908 ug/ml
15) T Chrysene (C27.41)	14.604	892256	5.878 ug/ml
16) T benzo[b]fluoranthene ...	16.103	814061	5.935 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.134	830135	5.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	759884	5.680 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	727233	5.802 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	804440	6.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	746692	5.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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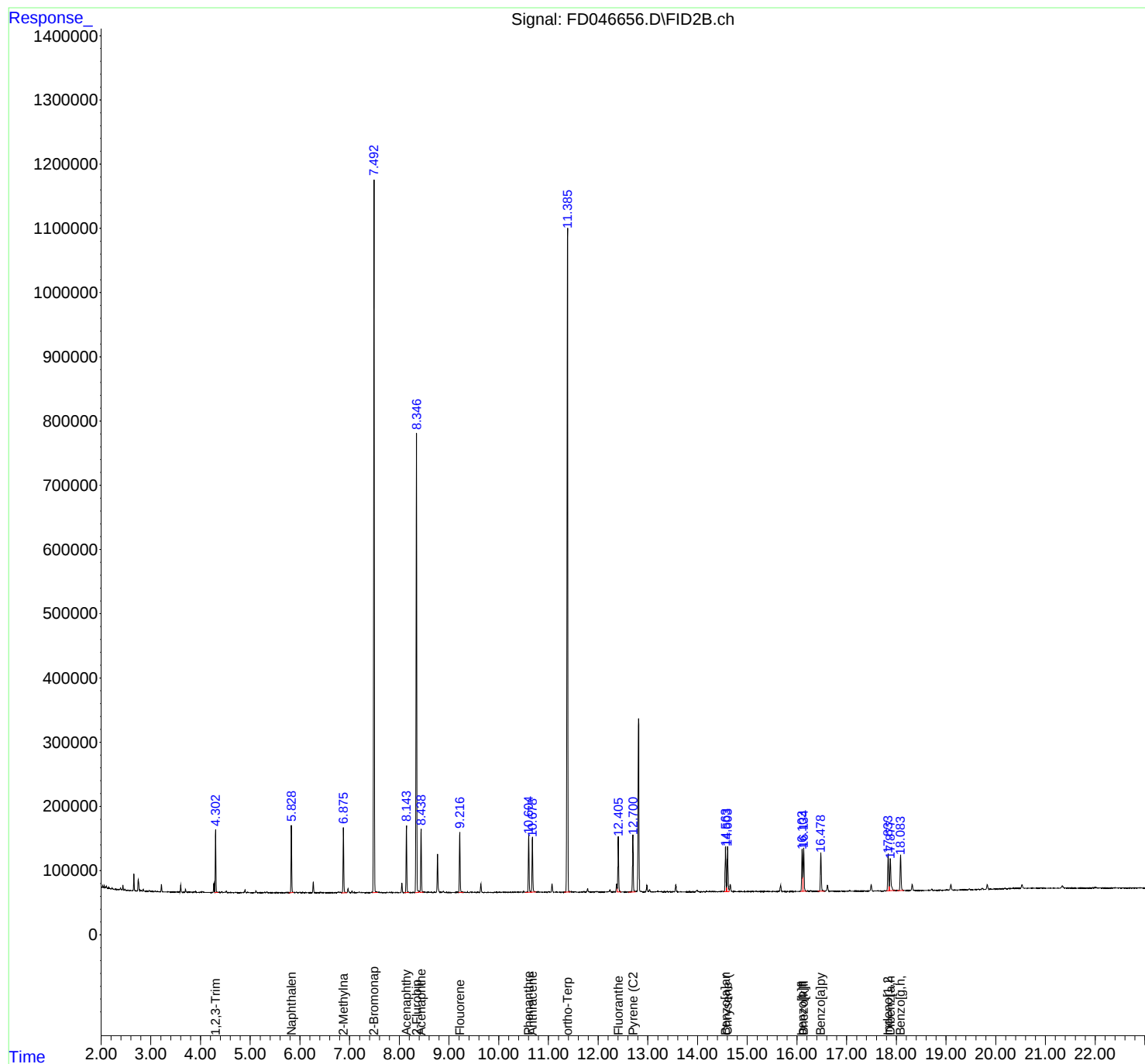
Instrument :
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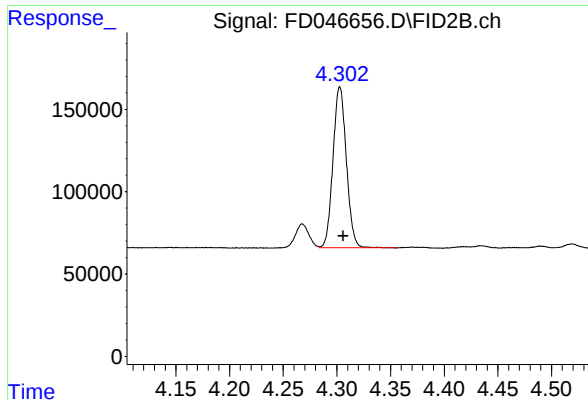
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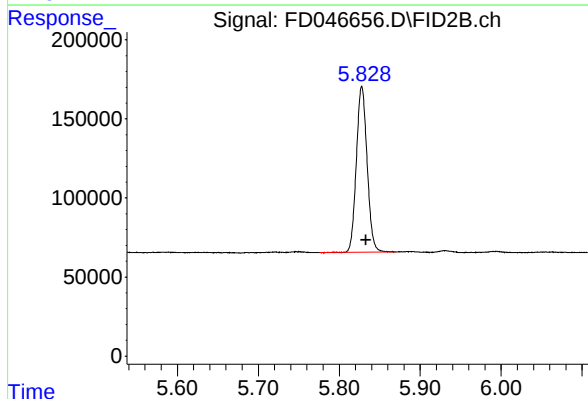
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 847252
Conc: 4.59 ug/ml

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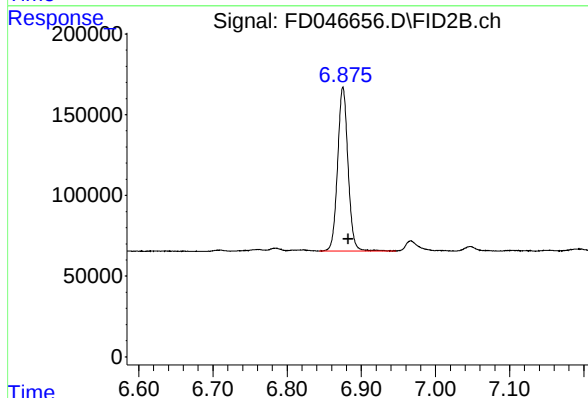
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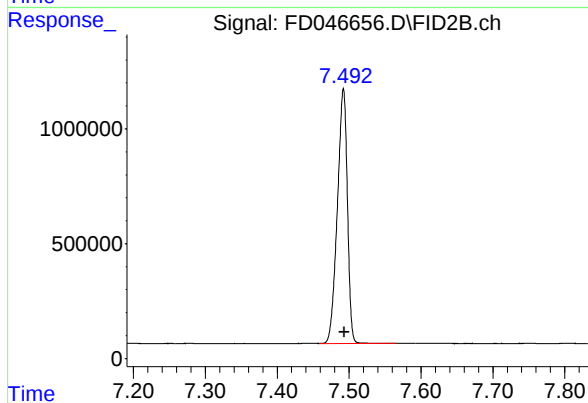
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 967300
Conc: 5.01 ug/ml



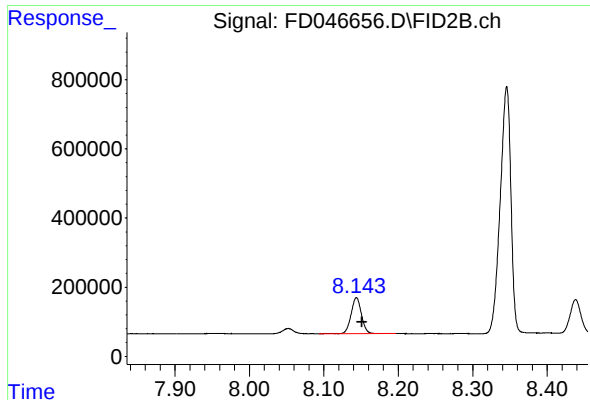
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 993262
Conc: 5.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 10727105
Conc: 60.87 ug/ml



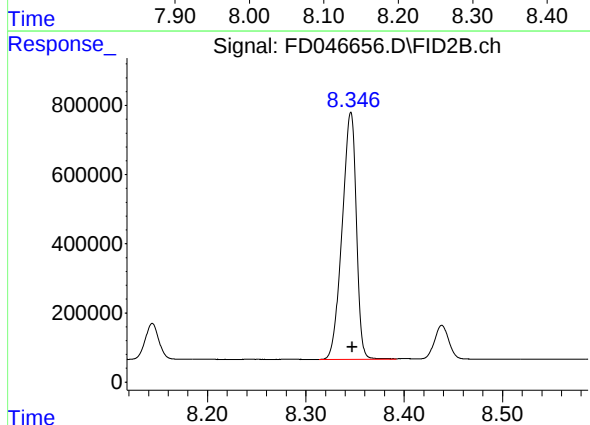
#5 Acenaphthylene (C15.06)

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 1004415
Conc: 5.70 ug/ml

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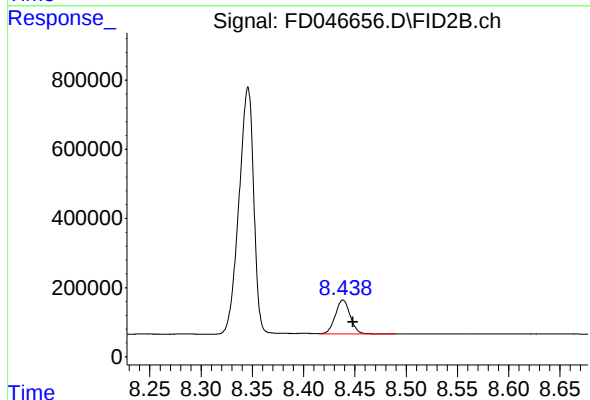
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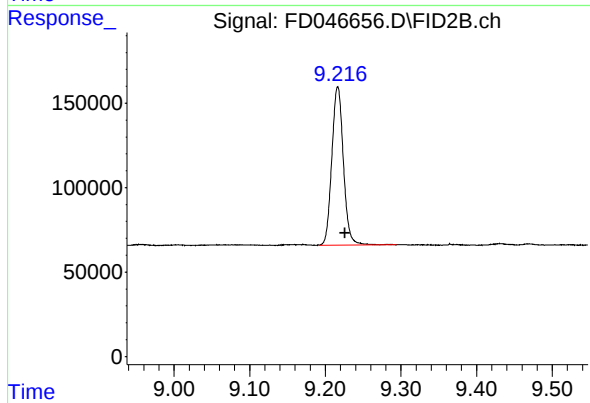
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 7174602
Conc: 61.93 ug/ml



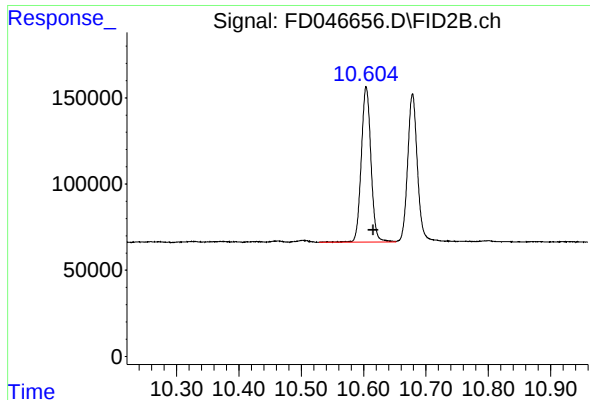
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 995870
Conc: 5.30 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.216 min
Delta R.T.: -0.010 min
Response: 998366
Conc: 5.53 ug/ml



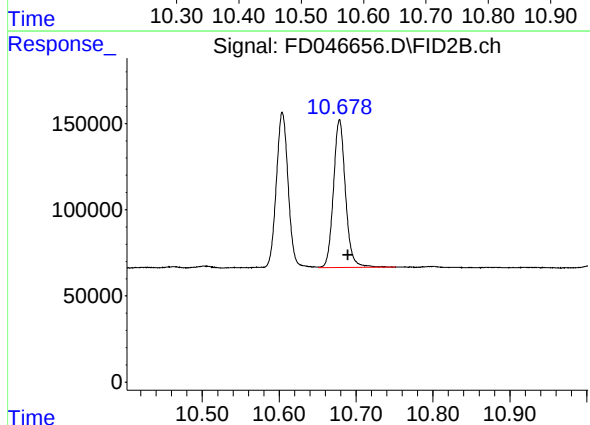
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: -0.011 min
Response: 968588
Conc: 5.51 ug/ml

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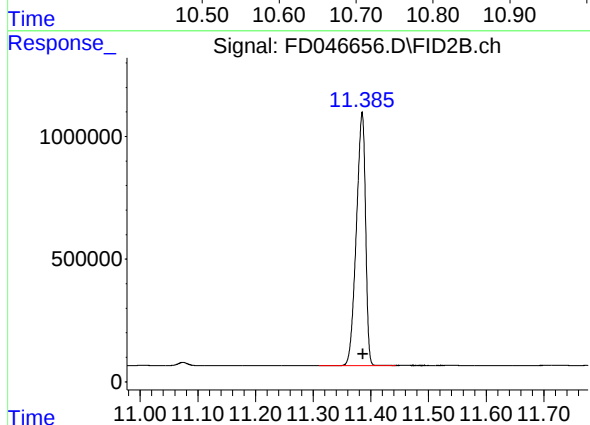
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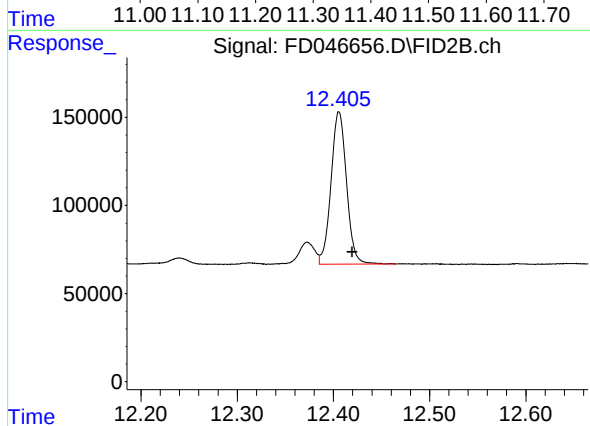
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: -0.011 min
Response: 930463
Conc: 6.06 ug/ml



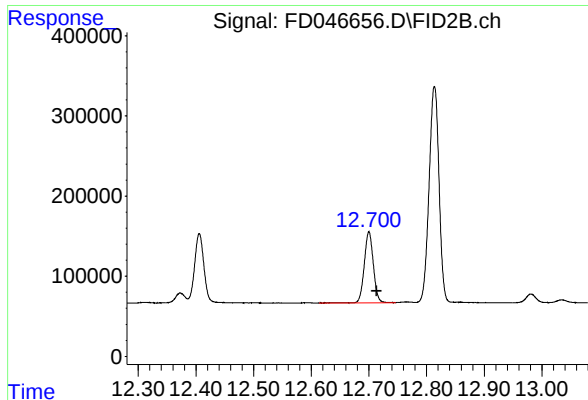
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: -0.002 min
Response: 11426723
Conc: 56.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.406 min
Delta R.T.: -0.014 min
Response: 969590
Conc: 5.69 ug/ml



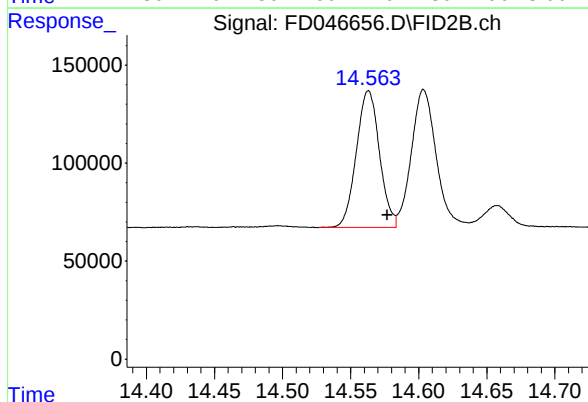
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.013 min
Response: 979694
Conc: 5.97 ug/ml

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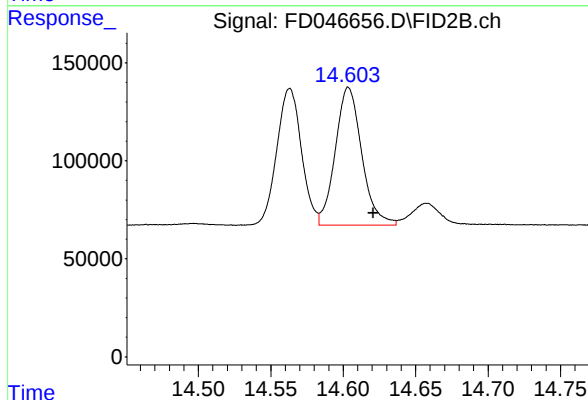
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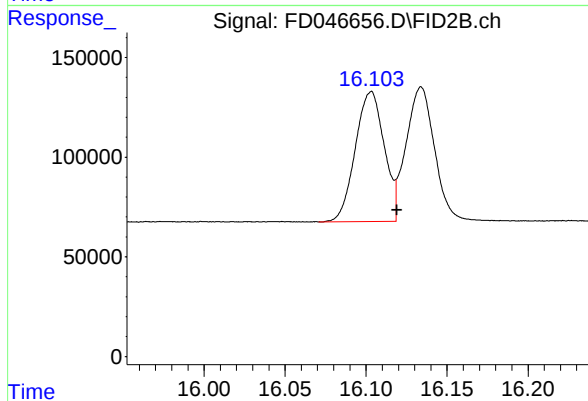
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.563 min
Delta R.T.: -0.014 min
Response: 824969
Conc: 5.91 ug/ml



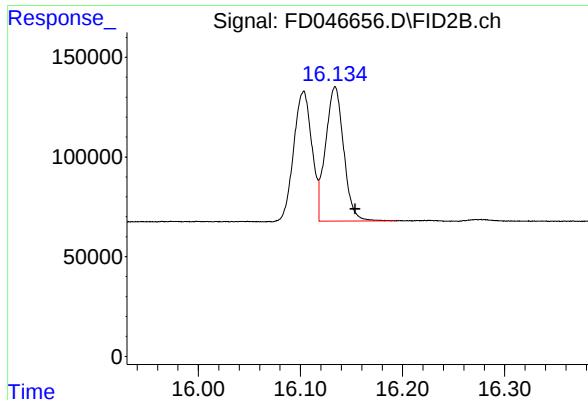
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: -0.017 min
Response: 892256
Conc: 5.88 ug/ml



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

R.T.: 16.103 min
Delta R.T.: -0.016 min
Response: 814061
Conc: 5.93 ug/ml m



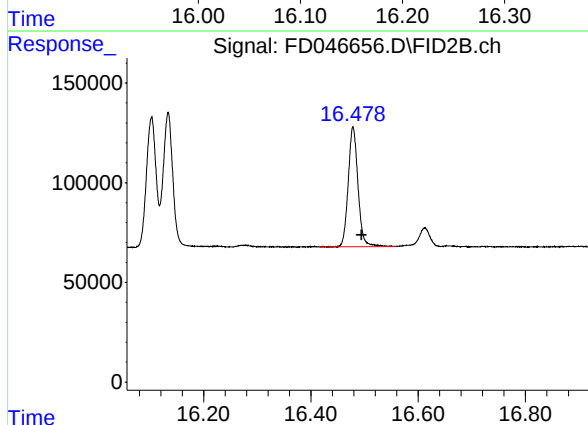
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: -0.020 min
Response: 830135
Conc: 5.99 ug/ml

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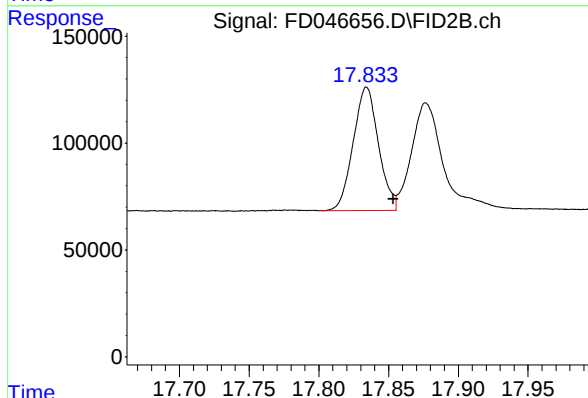
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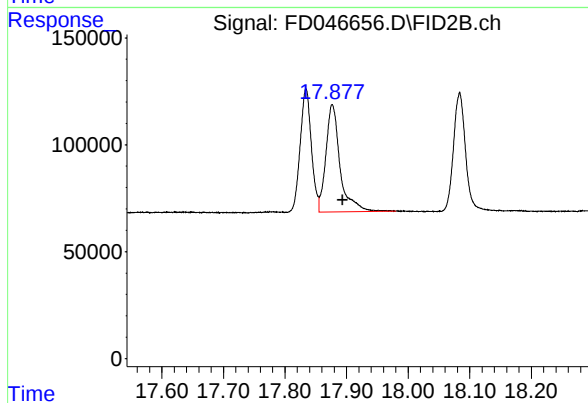
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: -0.016 min
Response: 759884
Conc: 5.68 ug/ml



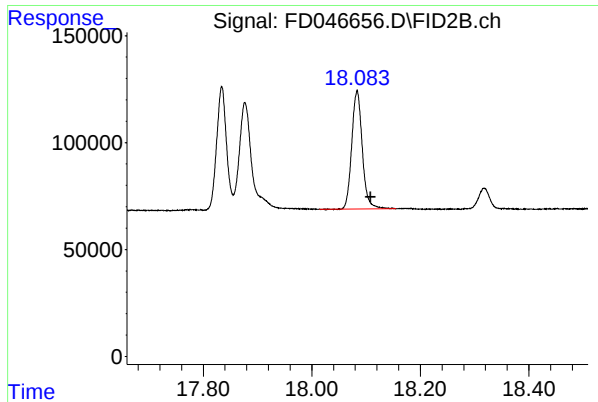
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: -0.019 min
Response: 727233
Conc: 5.80 ug/ml



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

R.T.: 17.877 min
Delta R.T.: -0.017 min
Response: 804440
Conc: 6.05 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.025 min
Response: 746692
Conc: 5.66 ug/ml

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