

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049453.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 08:02
 Operator : YP/AJ
 Sample : Q2126-08
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 12 09:11:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.733	5830027	35.071 ug/ml
Spiked Amount 50.000		Recovery =	70.14%
6) S 2-Fluorobiphenyl (SURR)	8.599	4062293	35.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.02%
11) S ortho-Terphenyl (SURR)	11.645	6434108	32.055 ug/ml
Spiked Amount 50.000		Recovery =	64.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	498872	3.135 ug/ml
2) T Naphthalene (C11.7)	6.068	586650	3.341 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	559564	3.132 ug/ml
5) T Acenaphthylene (C15.06)	8.399	650708	3.359 ug/ml
7) T Acenaphthene (C15.5)	8.695	674924	3.548 ug/ml
8) T Fluorene (C16.55)	9.475	678269	3.469 ug/ml
9) T Phenanthrene (C19.36)	10.873	708834	3.728 ug/ml
10) T Anthracene (C19.43)	10.947	693458	3.967 ug/ml
12) T Fluoranthene (C21.85)	12.686	724612	4.017 ug/ml
13) T Pyrene (C20.8)	12.984	727968	4.079 ug/ml
14) T Benzo[a]anthracene (C...	14.854	671666	4.419 ug/ml
15) T Chrysene (C27.41)	14.896	745564	4.910 ug/ml
16) T benzo[b]fluoranthene ...	16.404	662312	4.576 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	666833	4.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.783	646362	4.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	660483	5.171 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	643651	4.781 ug/ml
21) T Benzo[g,h,i]perylene ...	18.399	651358	4.833 ug/ml

(f)=RT Delta > 1/2 Window

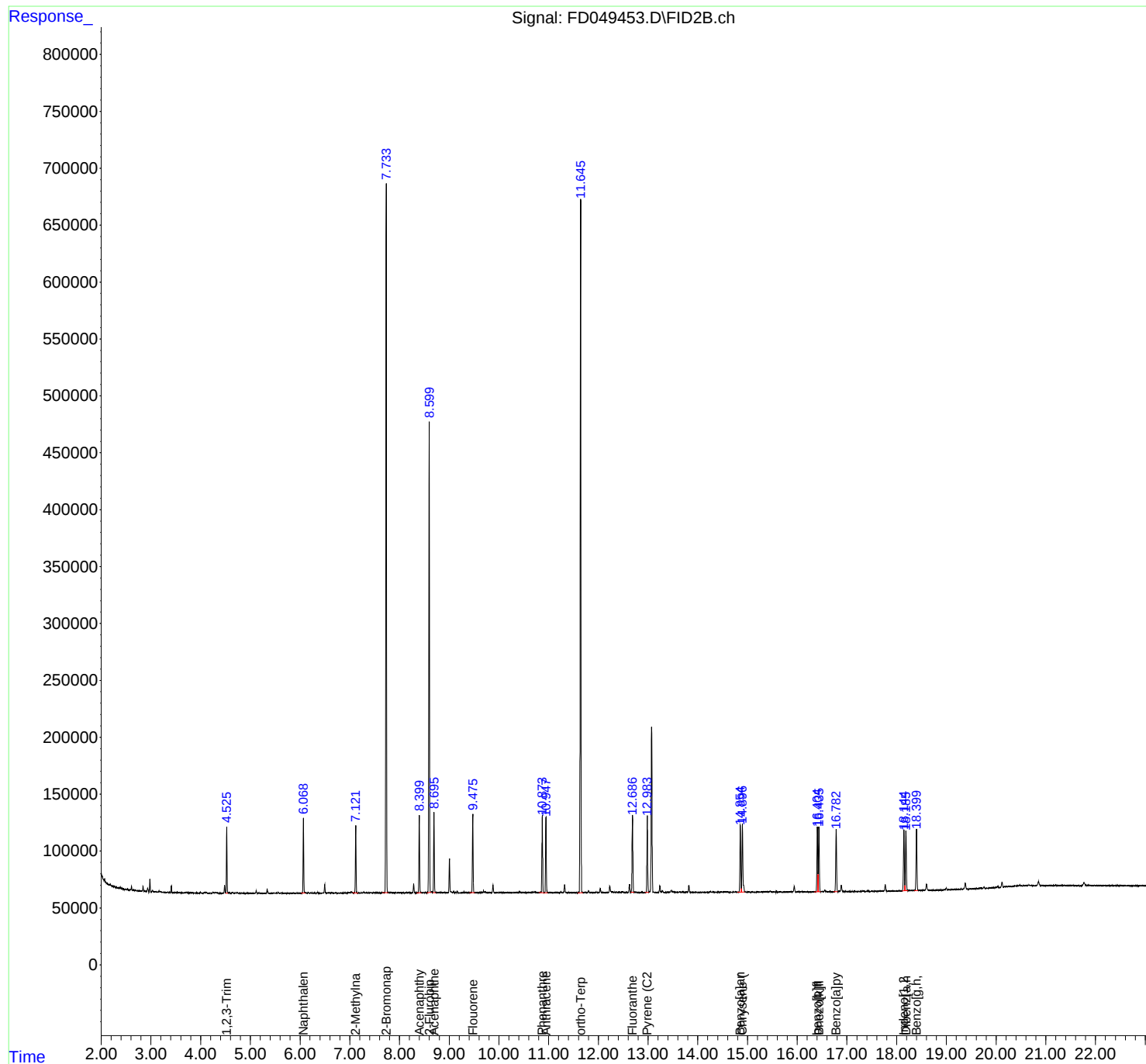
(m)=manual int.

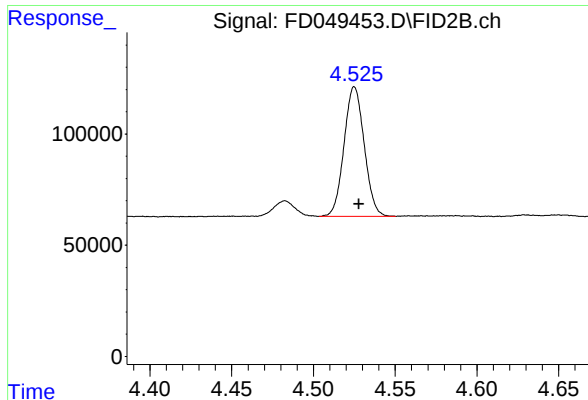
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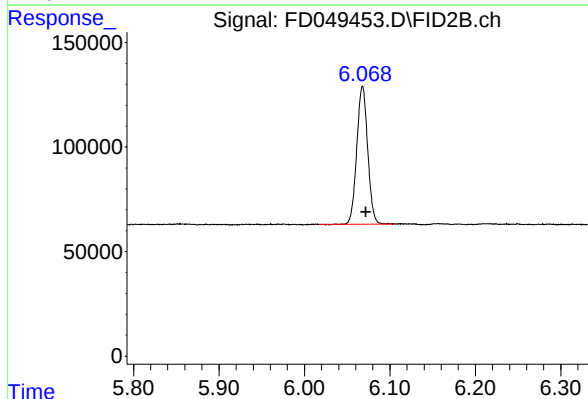




#1 1,2,3-Trimethylbenzene (C10.1)

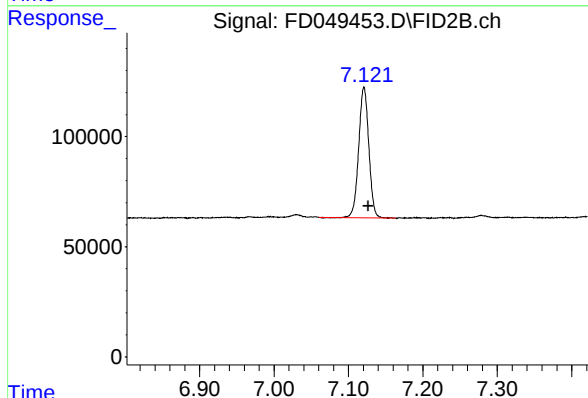
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 498872
Conc: 3.14 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2025



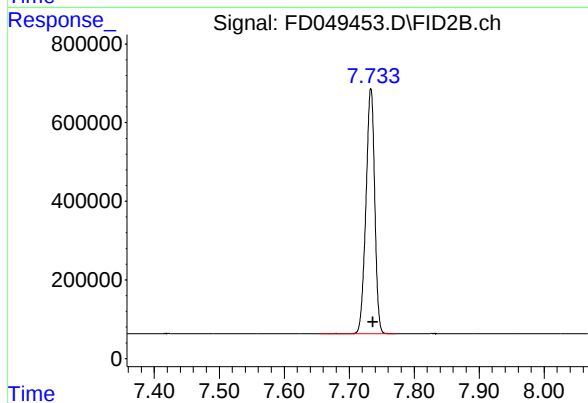
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 586650
Conc: 3.34 ug/ml



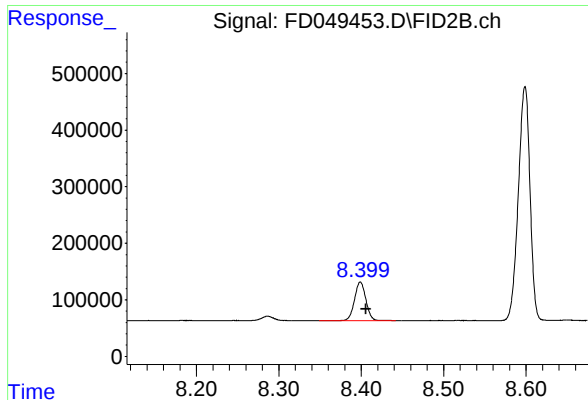
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.006 min
Response: 559564
Conc: 3.13 ug/ml



#4 2-Bromonaphthalene (SURR)

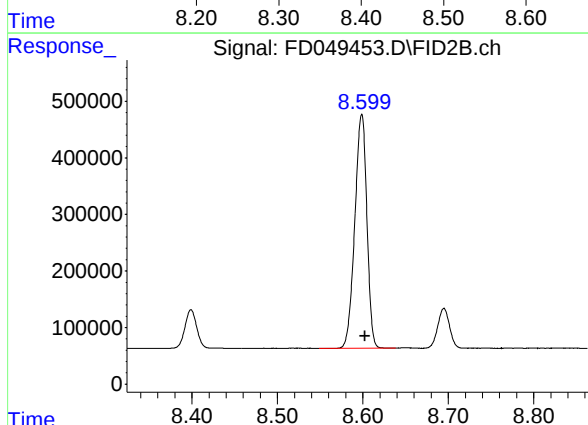
R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 5830027
Conc: 35.07 ug/ml



#5 Acenaphthylene (C15.06)

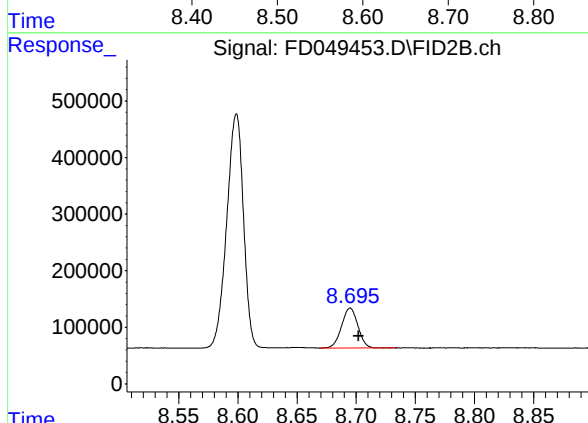
R.T.: 8.399 min
Delta R.T.: -0.007 min
Response: 650708
Conc: 3.36 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2025



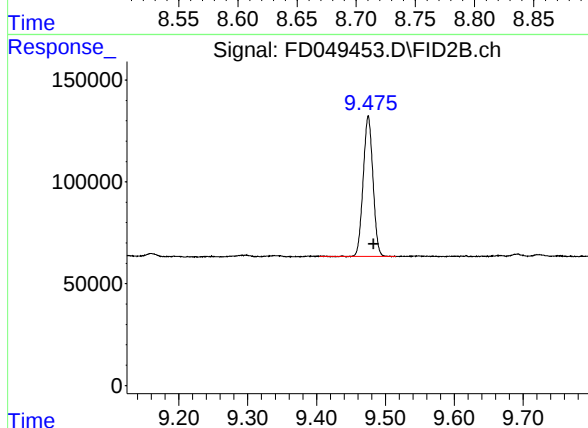
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 4062293
Conc: 35.51 ug/ml



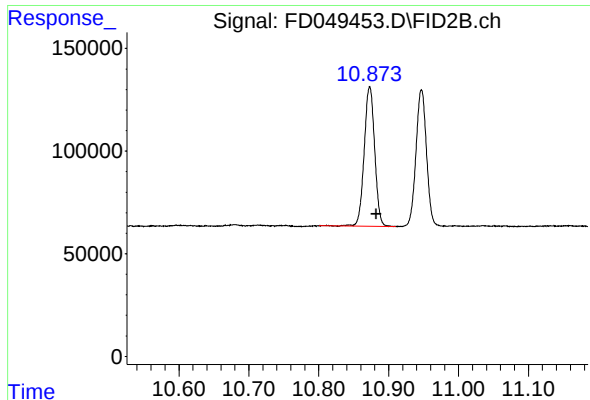
#7 Acenaphthene (C15.5)

R.T.: 8.695 min
Delta R.T.: -0.007 min
Response: 674924
Conc: 3.55 ug/ml



#8 Flouorene (C16.55)

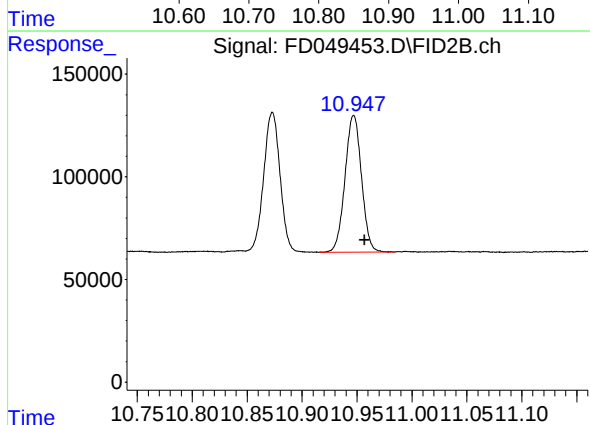
R.T.: 9.475 min
Delta R.T.: -0.008 min
Response: 678269
Conc: 3.47 ug/ml



#9 Phenanthrene (C19.36)

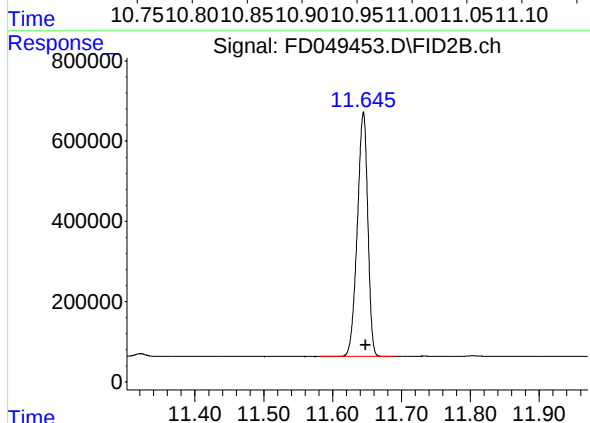
R.T.: 10.873 min
Delta R.T.: -0.009 min
Response: 708834
Conc: 3.73 ug/ml

Instrument :
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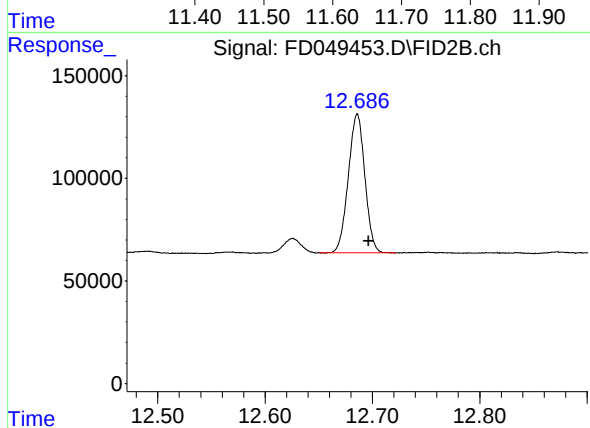
#10 Anthracene (C19.43)

R.T.: 10.947 min
Delta R.T.: -0.010 min
Response: 693458
Conc: 3.97 ug/ml



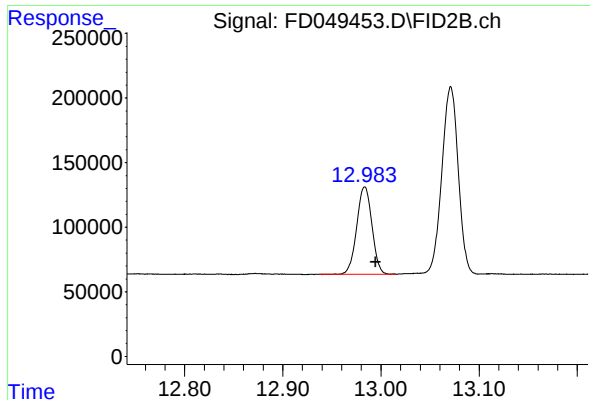
#11 ortho-Terphenyl (SURRE)

R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 6434108
Conc: 32.05 ug/ml



#12 Fluoranthene (C21.85)

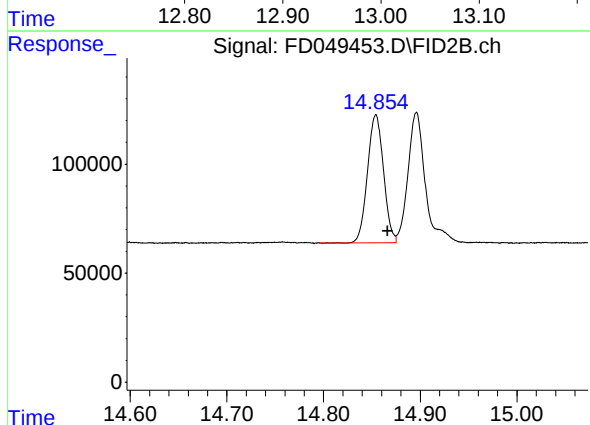
R.T.: 12.686 min
Delta R.T.: -0.011 min
Response: 724612
Conc: 4.02 ug/ml



#13 Pyrene (C20.8)

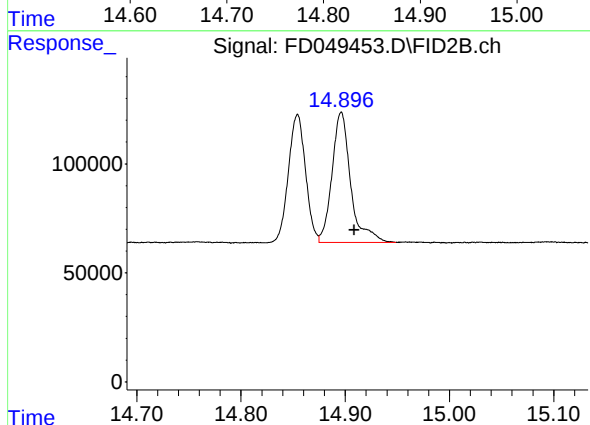
R.T.: 12.984 min
Delta R.T.: -0.011 min
Response: 727968
Conc: 4.08 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2025



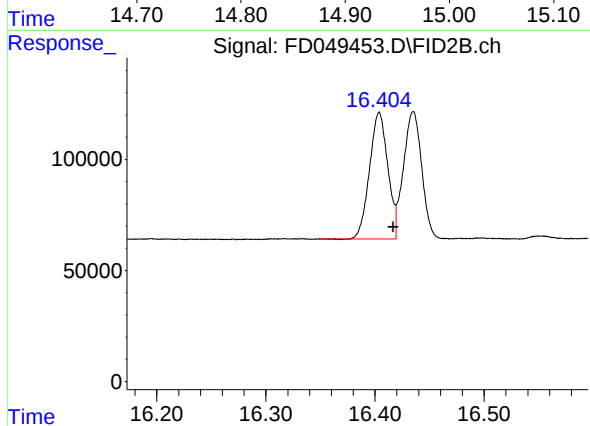
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.854 min
Delta R.T.: -0.012 min
Response: 671666
Conc: 4.42 ug/ml



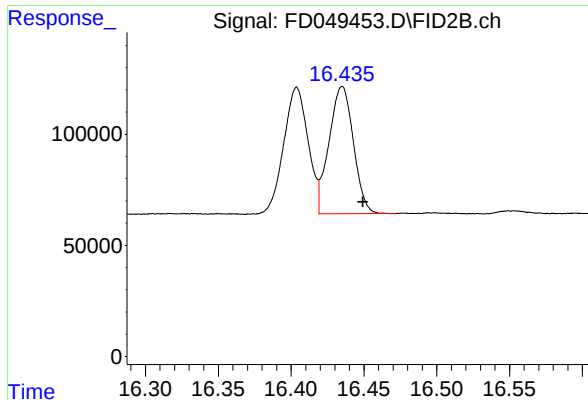
#15 Chrysene (C27.41)

R.T.: 14.896 min
Delta R.T.: -0.013 min
Response: 745564
Conc: 4.91 ug/ml



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

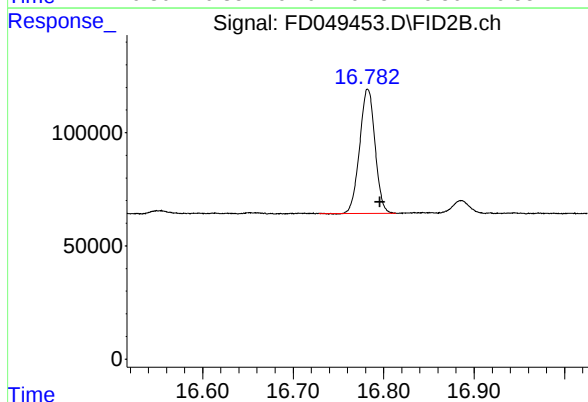
R.T.: 16.404 min
Delta R.T.: -0.013 min
Response: 662312
Conc: 4.58 ug/ml



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

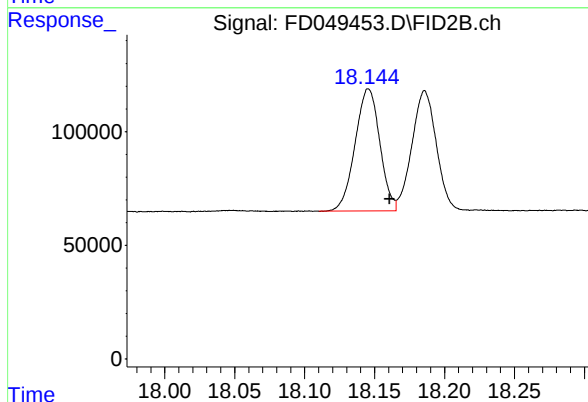
R.T.: 16.435 min
Delta R.T.: -0.014 min
Response: 666833
Conc: 4.65 ug/ml

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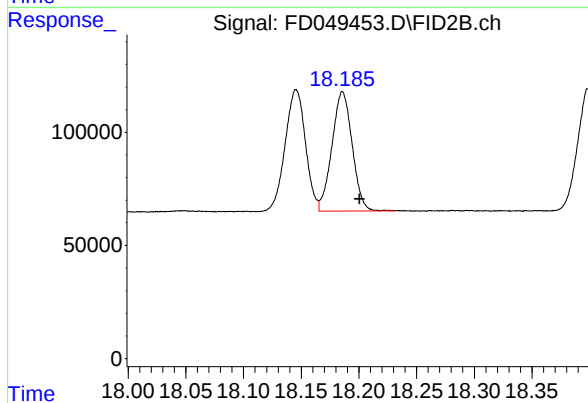
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.783 min
Delta R.T.: -0.013 min
Response: 646362
Conc: 4.76 ug/ml



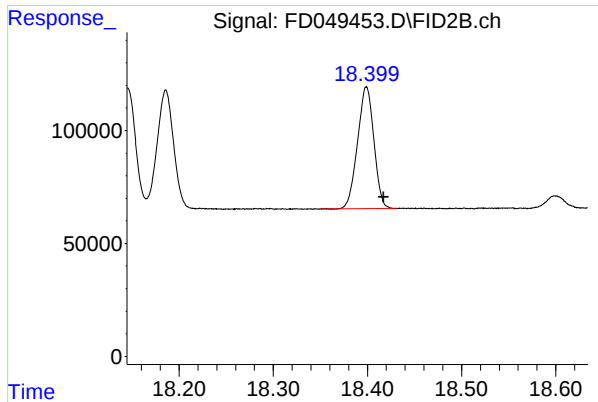
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: -0.015 min
Response: 660483
Conc: 5.17 ug/ml



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

R.T.: 18.186 min
Delta R.T.: -0.015 min
Response: 643651
Conc: 4.78 ug/ml



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

R.T.: 18.399 min
Delta R.T.: -0.018 min
Response: 651358
Conc: 4.83 ug/ml

Instrument :
FID_D
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