

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049451.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 06:44
 Operator : YP/AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 12 08:04:53 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...	7.734	6979533	41.986 ug/ml
Spiked Amount 50.000		Recovery =	83.97%
6) S 2-Fluorobiphenyl (SURR)	8.600	4820850	42.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.28%
11) S ortho-Terphenyl (SURR)	11.646	7270890	36.224 ug/ml
Spiked Amount 50.000		Recovery =	72.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	302444	1.901 ug/ml
2) T Naphthalene (C11.7)	6.068	360198	2.051 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	341750	1.913 ug/ml
5) T Acenaphthylene (C15.06)	8.400	380653	1.965 ug/ml
7) T Acenaphthene (C15.5)	8.695	401474	2.111 ug/ml
8) T Fluorene (C16.55)	9.476	402945	2.061 ug/ml
9) T Phenanthrene (C19.36)	10.874	393716	2.071 ug/ml
10) T Anthracene (C19.43)	10.948	387203	2.215 ug/ml
12) T Fluoranthene (C21.85)	12.686	401683	2.227 ug/ml
13) T Pyrene (C20.8)	12.984	406827	2.279 ug/ml
14) T Benzo[a]anthracene (C...	14.854	371514	2.444 ug/ml
15) T Chrysene (C27.41)	14.895	425210	2.800 ug/ml
16) T benzo[b]fluoranthene ...	16.403	373144	2.578 ug/ml
17) T Bnezo[k]fluoranthene ...	16.434	372574	2.596 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	357527	2.631 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.144	364849	2.856 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	364865	2.710 ug/ml
21) T Benzo[g,h,i]perylene ...	18.397	362558	2.690 ug/ml

(f)=RT Delta > 1/2 Window

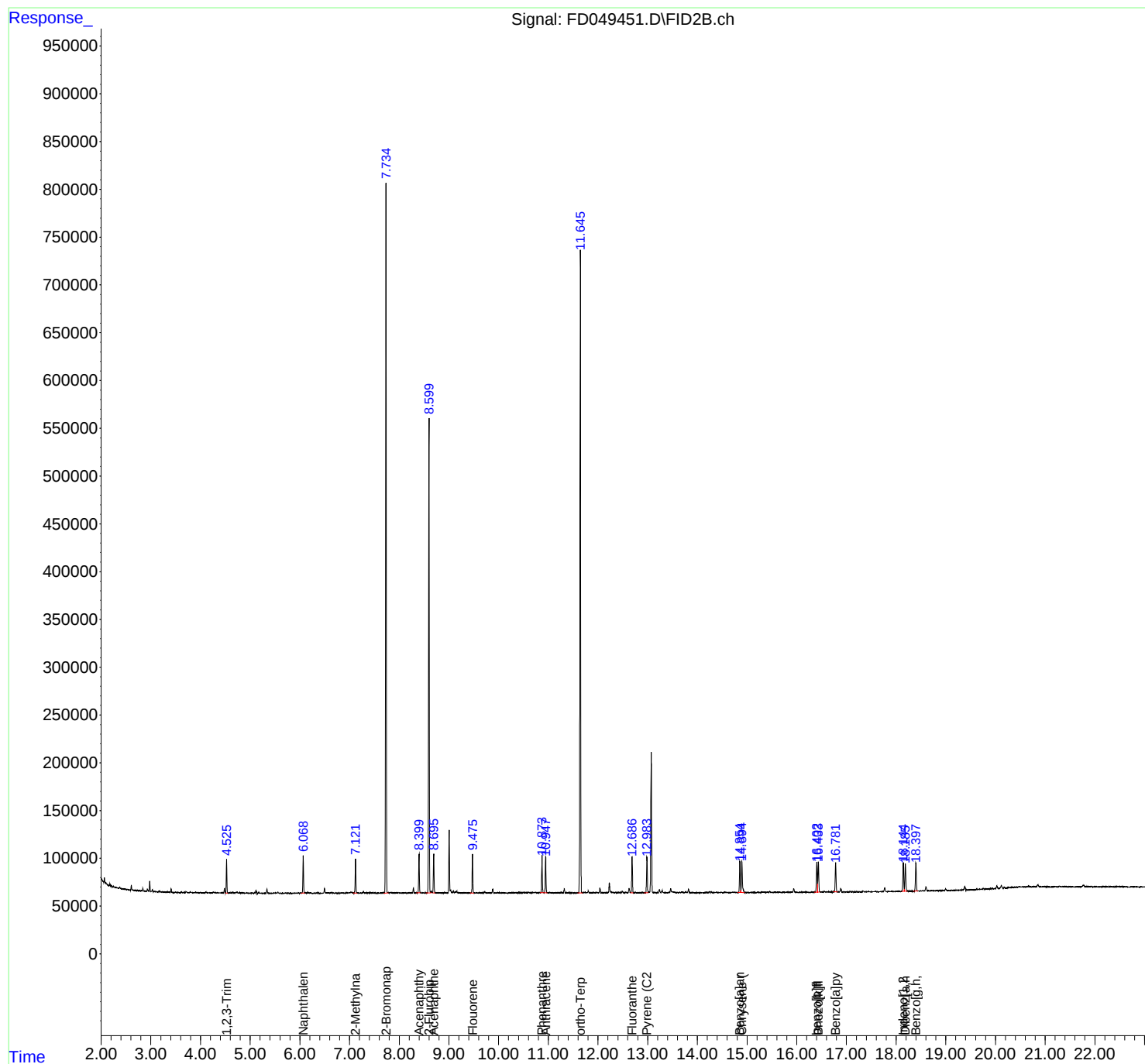
(m)=manual int.

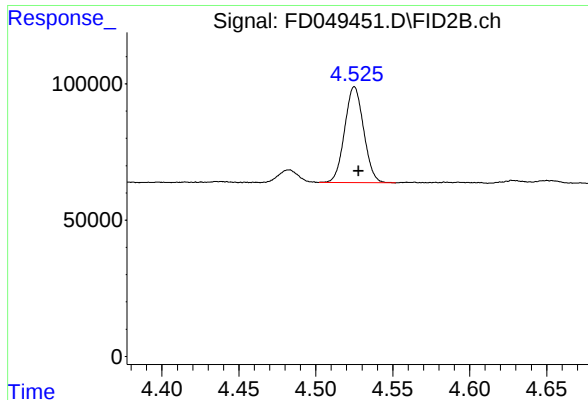
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
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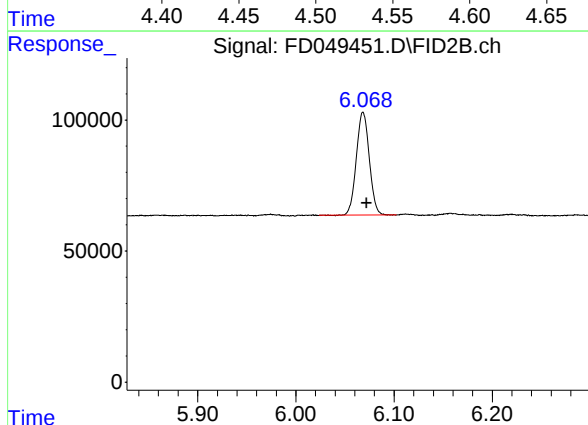




#1 1,2,3-Trimethylbenzene (C10.1)

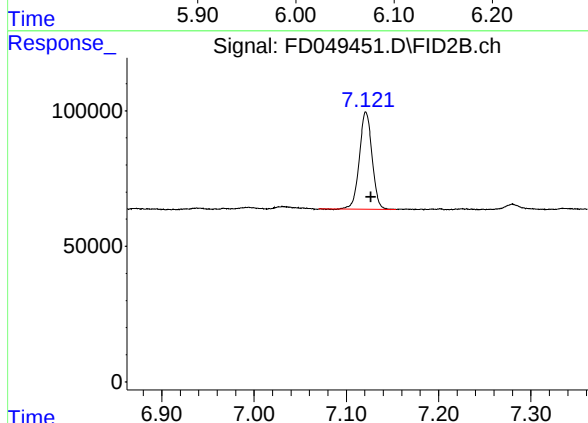
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 302444
Conc: 1.90 ug/ml

Instrument :
FID_D
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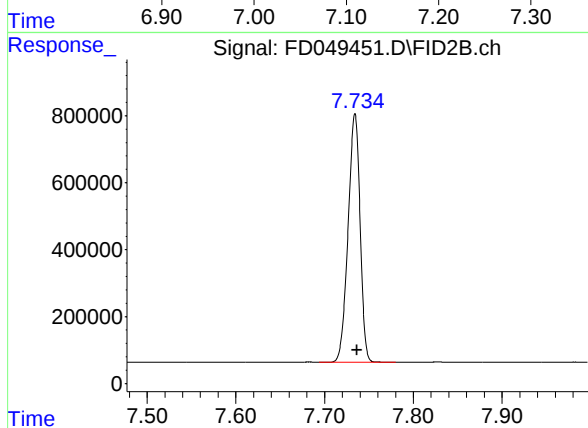
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 360198
Conc: 2.05 ug/ml



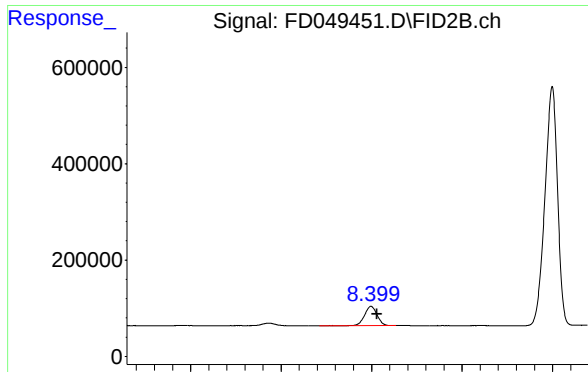
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.005 min
Response: 341750
Conc: 1.91 ug/ml



#4 2-Bromonaphthalene (SURR)

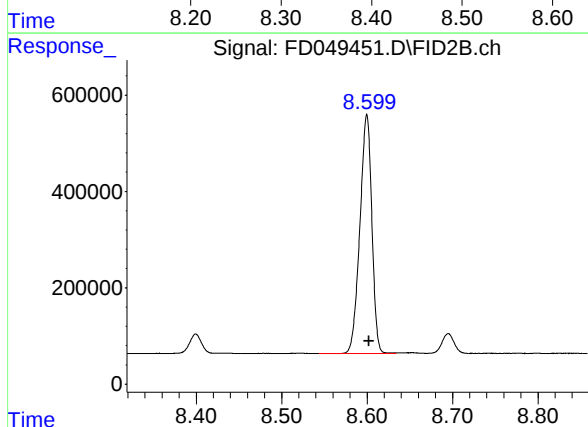
R.T.: 7.734 min
Delta R.T.: -0.002 min
Response: 6979533
Conc: 41.99 ug/ml



#5 Acenaphthylene (C15.06)

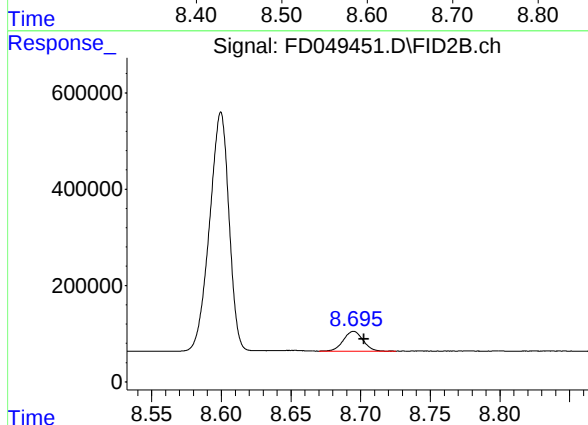
R.T.: 8.400 min
Delta R.T.: -0.006 min
Response: 380653
Conc: 1.97 ug/ml

Instrument :
FID_D
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LOD-MDL-WATER-01-QT2-2025



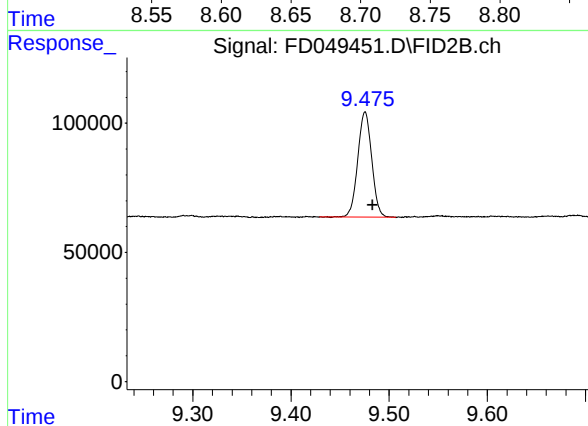
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: -0.003 min
Response: 4820850
Conc: 42.14 ug/ml



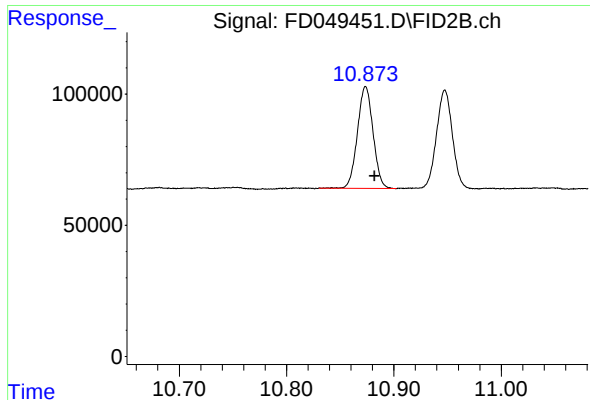
#7 Acenaphthene (C15.5)

R.T.: 8.695 min
Delta R.T.: -0.007 min
Response: 401474
Conc: 2.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.476 min
Delta R.T.: -0.008 min
Response: 402945
Conc: 2.06 ug/ml



#9 Phenanthrene (C19.36)

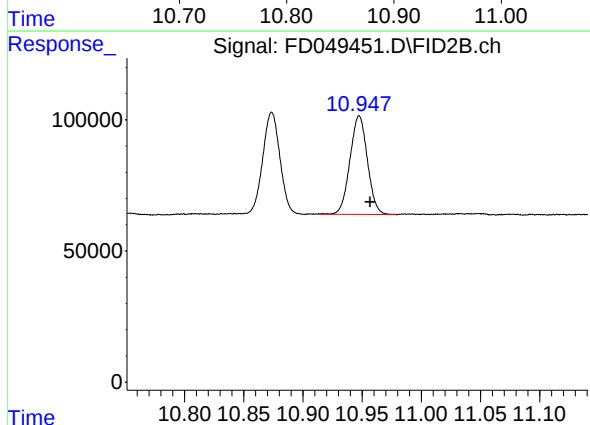
R.T.: 10.874 min
Delta R.T.: -0.009 min
Response: 393716
Conc: 2.07 ug/ml

Instrument :

FID_D

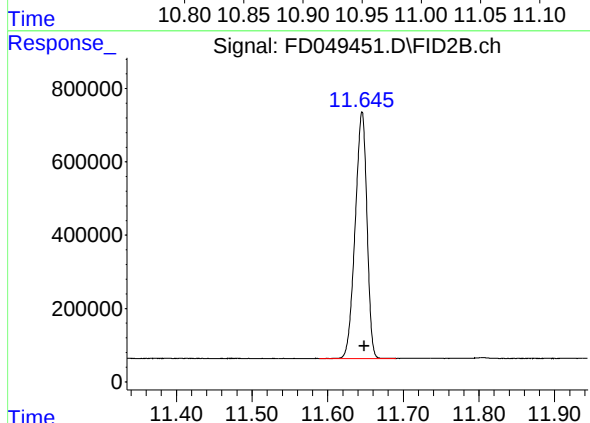
ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



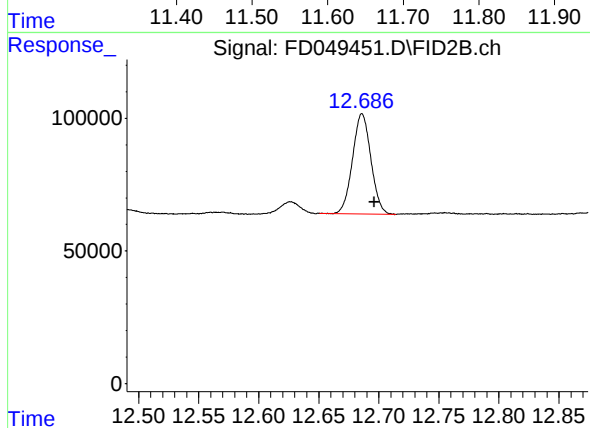
#10 Anthracene (C19.43)

R.T.: 10.948 min
Delta R.T.: -0.009 min
Response: 387203
Conc: 2.21 ug/ml



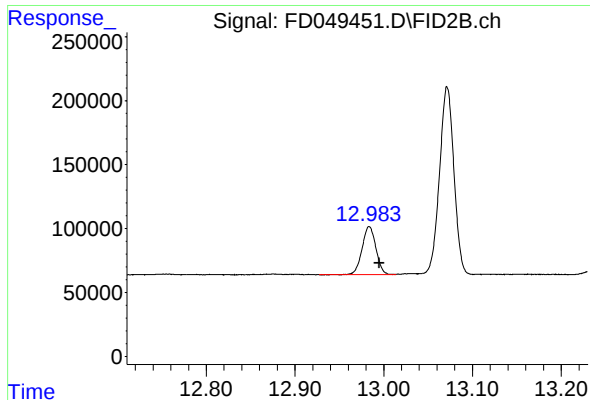
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.003 min
Response: 7270890
Conc: 36.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.686 min
Delta R.T.: -0.010 min
Response: 401683
Conc: 2.23 ug/ml



#13 Pyrene (C20.8)

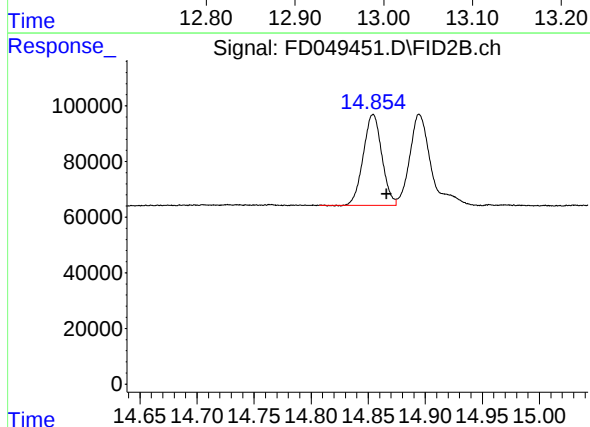
R.T.: 12.984 min
Delta R.T.: -0.011 min
Response: 406827
Conc: 2.28 ug/ml

Instrument :

FID_D

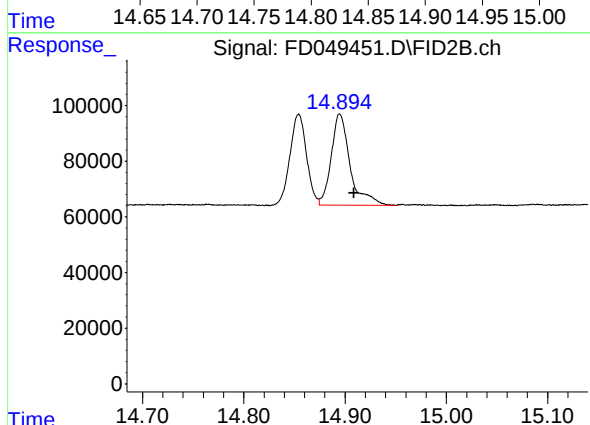
ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



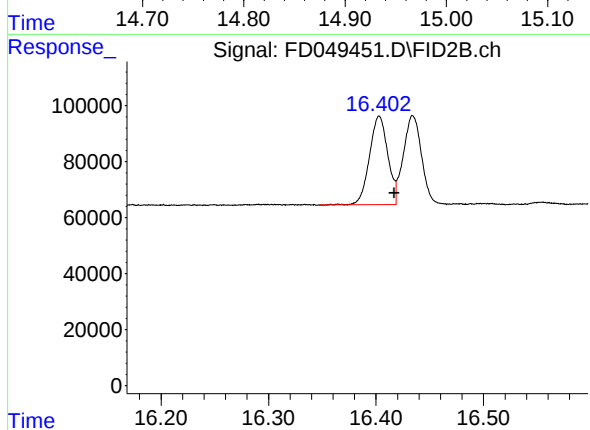
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.854 min
Delta R.T.: -0.012 min
Response: 371514
Conc: 2.44 ug/ml



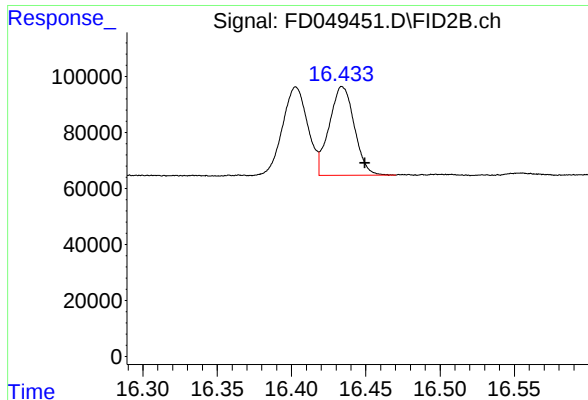
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: -0.014 min
Response: 425210
Conc: 2.80 ug/ml



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

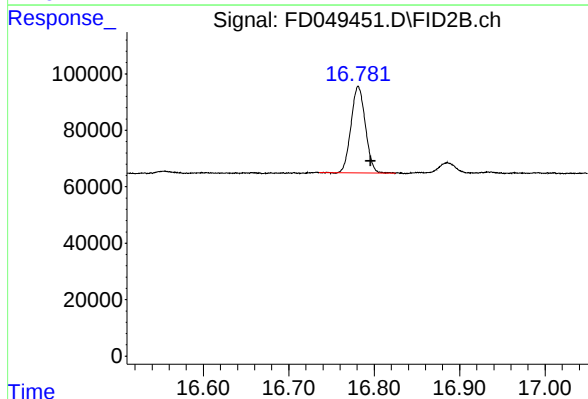
R.T.: 16.403 min
Delta R.T.: -0.014 min
Response: 373144
Conc: 2.58 ug/ml



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

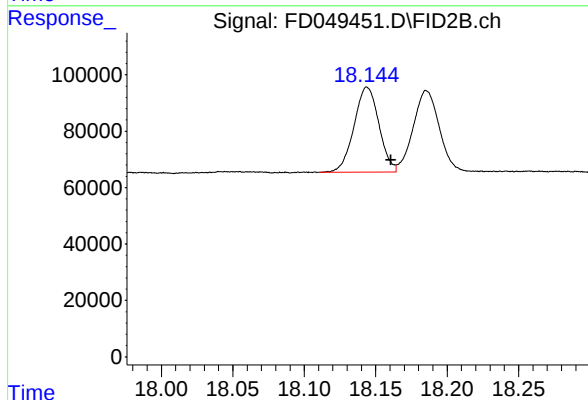
R.T.: 16.434 min
Delta R.T.: -0.015 min
Response: 372574
Conc: 2.60 ug/ml

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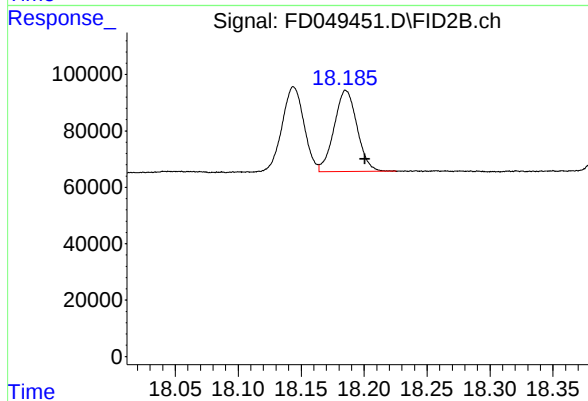
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: -0.015 min
Response: 357527
Conc: 2.63 ug/ml



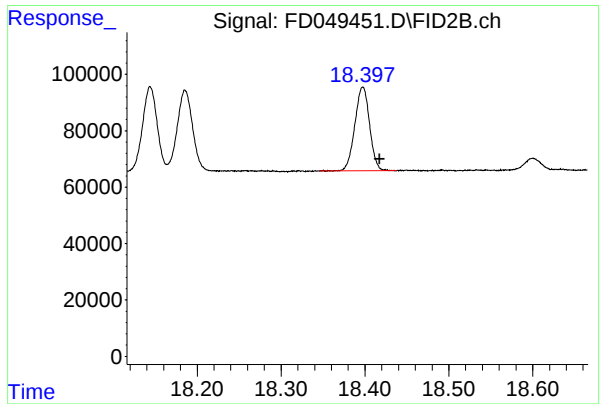
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.144 min
Delta R.T.: -0.017 min
Response: 364849
Conc: 2.86 ug/ml



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

R.T.: 18.186 min
Delta R.T.: -0.015 min
Response: 364865
Conc: 2.71 ug/ml



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

R.T.: 18.397 min
Delta R.T.: -0.020 min
Response: 362558
Conc: 2.69 ug/ml

Instrument :
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