

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043159.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 13:23
 Operator : YP/AJ
 Sample : N3214-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 05:27:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.628	6865081	44.460 ug/ml
Spiked Amount 50.000		Recovery =	88.92%
6) S 2-Fluorobiphenyl (SURR)	8.491	4610168	43.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.42%
11) S ortho-Terphenyl (SURR)	11.537	6992620	38.474 ug/ml
Spiked Amount 50.000		Recovery =	76.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.422	636007	3.787 ug/ml
2) T Naphthalene (C11.7)	5.963	721455	4.121 ug/ml
7) T Acenaphthene (C15.5)	8.587	779644	4.452 ug/ml
8) T Flouorene (C16.55)	9.368	711701	4.106 ug/ml
10) T Anthracene (C19.43)	10.839	715911	4.214 ug/ml
12) T Fluoranthene (C21.85)	12.575	729486	4.350 ug/ml
13) T Pyrene (C20.8)	12.873	708748	4.349 ug/mlm
14) T Benzo[a]anthracene (C...	14.744	653003	4.205 ug/mlm
15) T Chrysene (C27.41)	14.785	841855	5.334 ug/ml
16) T benzo[b]fluoranthene ...	16.291	650696	4.269 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.323	689334	4.710 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	599107	4.189 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	575745	4.601 ug/mlm
20) T Dibenz[a,h]anthracene...	18.076	778007	5.787 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	646763	4.959 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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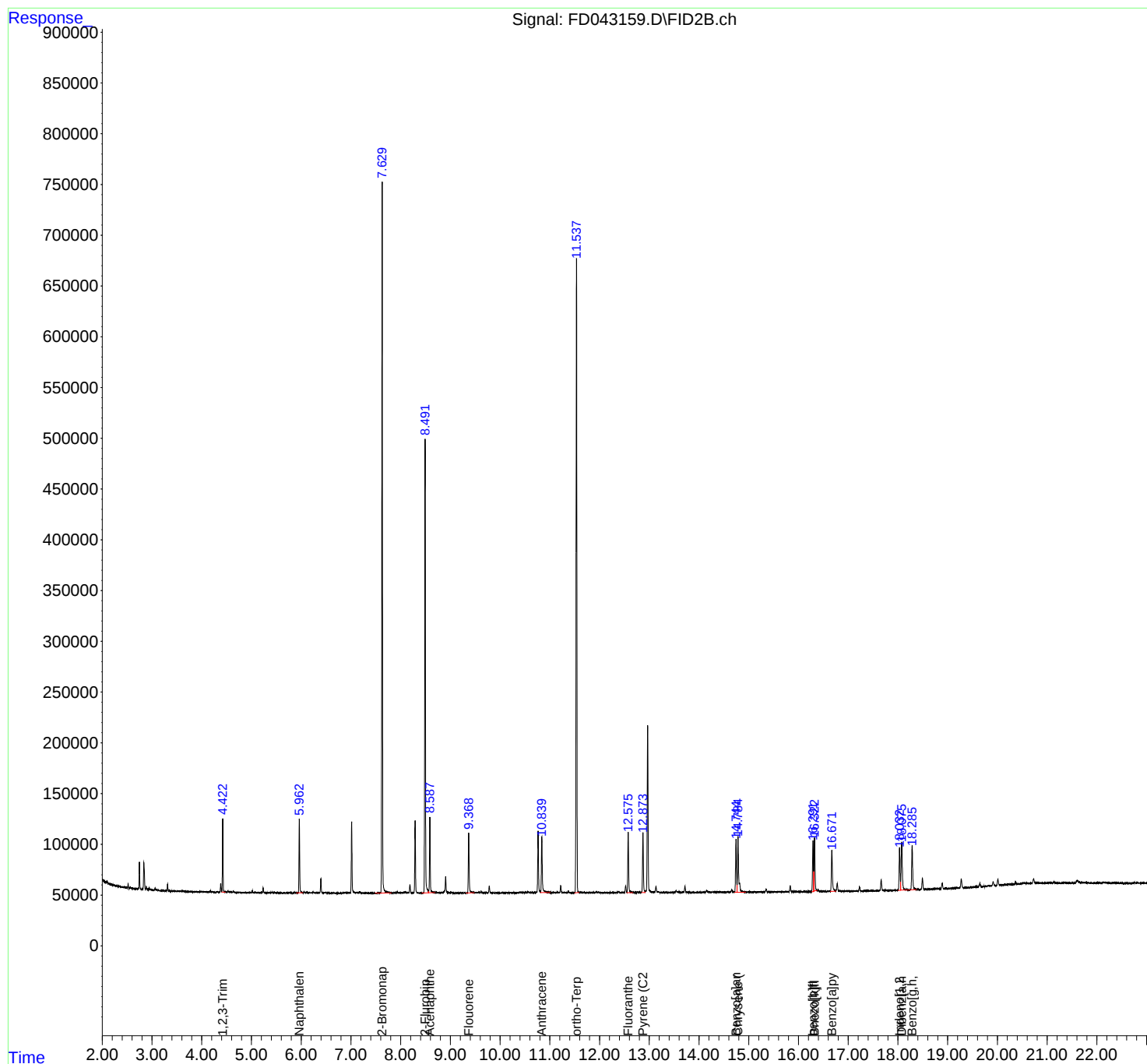
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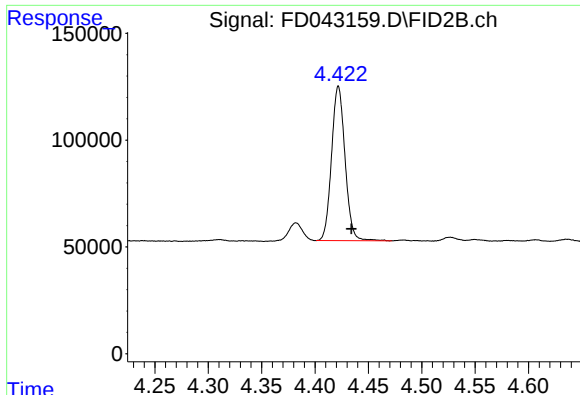
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.422 min
Delta R.T.: -0.012 min
Response: 636007
Conc: 3.79 ug/ml

Instrument :

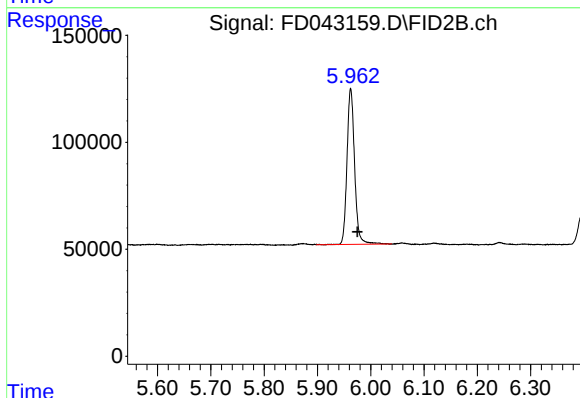
FID_D

ClientSampleId :

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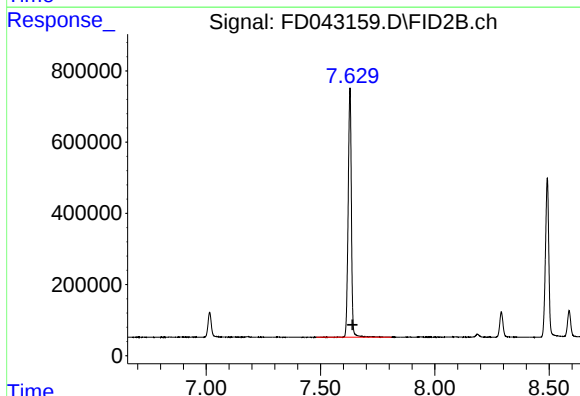
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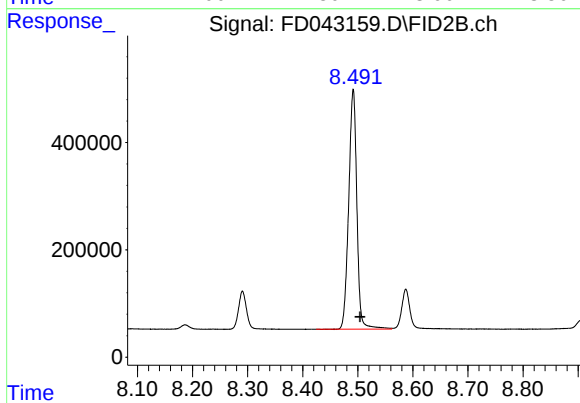
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 721455
Conc: 4.12 ug/ml



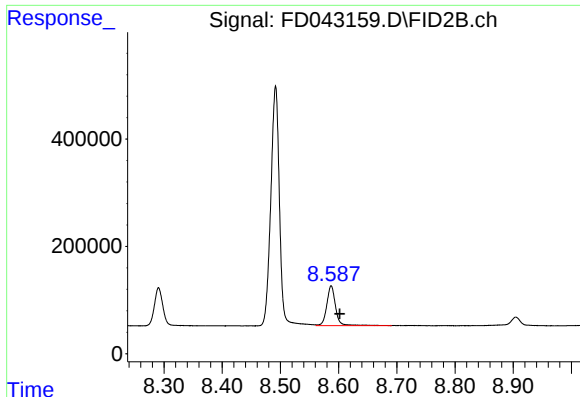
#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.011 min
Response: 6865081
Conc: 44.46 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 4610168
Conc: 43.71 ug/ml



#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.014 min
Response: 779644
Conc: 4.45 ug/ml

Instrument :

FID_D

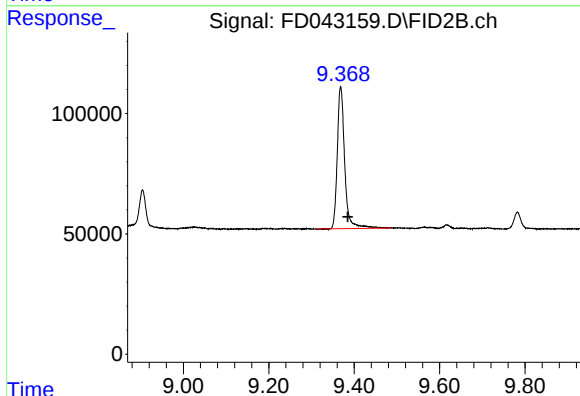
ClientSampleId :

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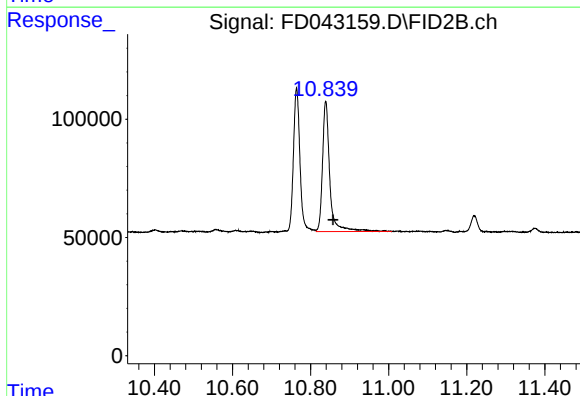
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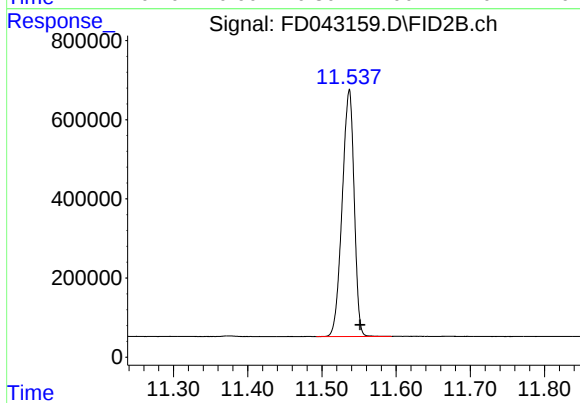
#8 Flouorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.016 min
Response: 711701
Conc: 4.11 ug/ml



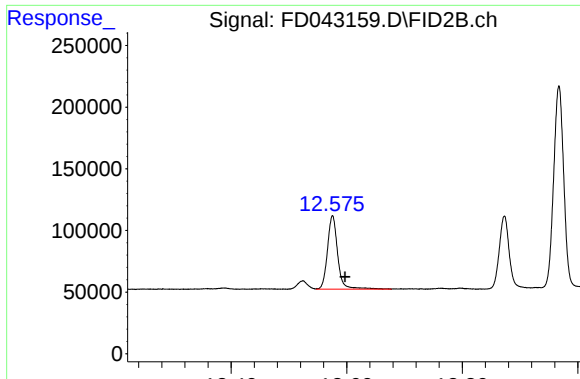
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 715911
Conc: 4.21 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 6992620
Conc: 38.47 ug/ml



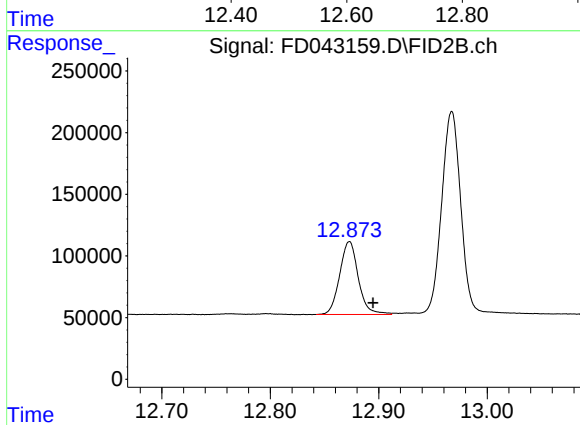
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.022 min
Response: 729486
Conc: 4.35 ug/ml

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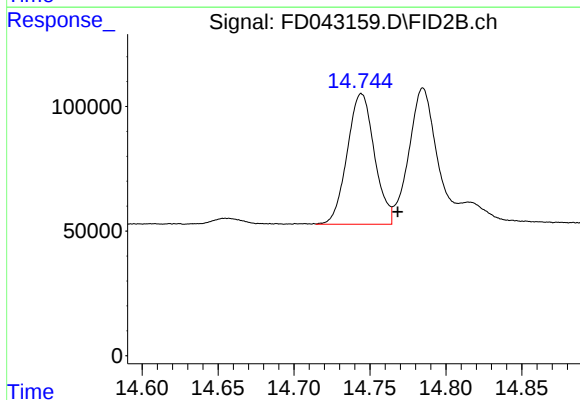
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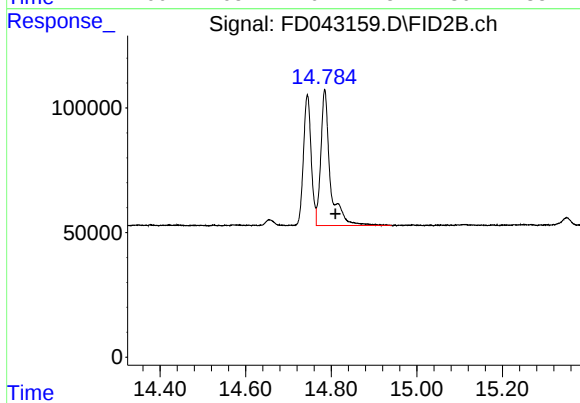
#13 Pyrene (C20.8)

R.T.: 12.873 min
Delta R.T.: -0.022 min
Response: 708748
Conc: 4.35 ug/ml m



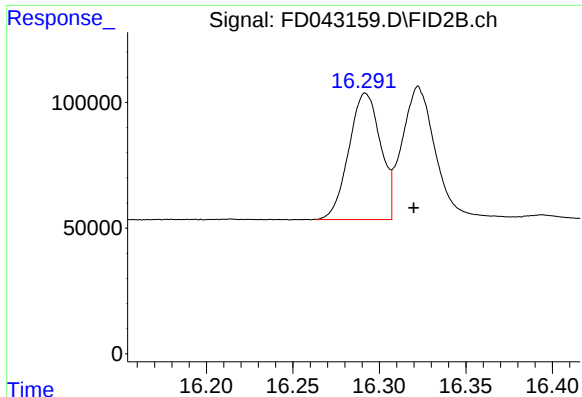
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.025 min
Response: 653003
Conc: 4.20 ug/ml m



#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: -0.025 min
Response: 841855
Conc: 5.33 ug/ml



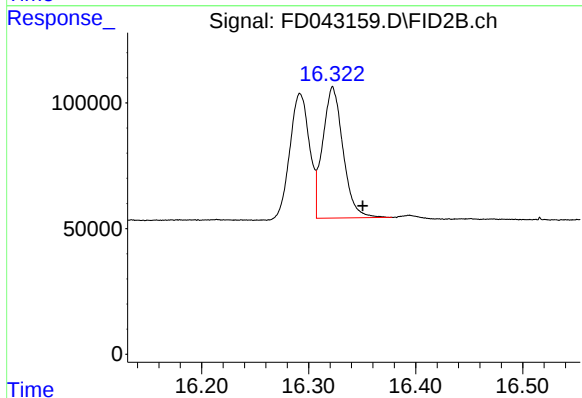
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.291 min
Delta R.T.: -0.029 min
Response: 650696
Conc: 4.27 ug/ml

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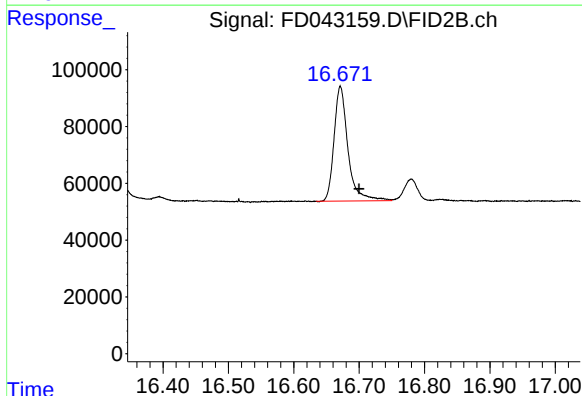
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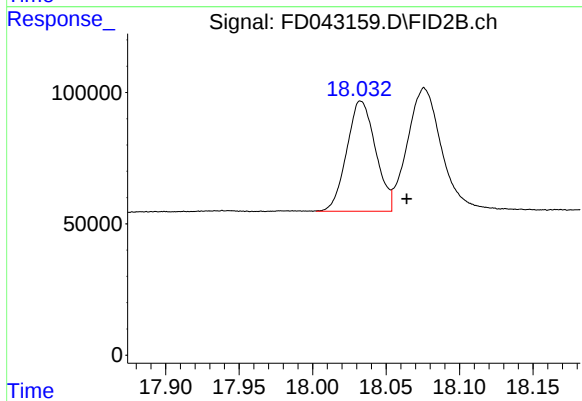
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: -0.028 min
Response: 689334
Conc: 4.71 ug/ml



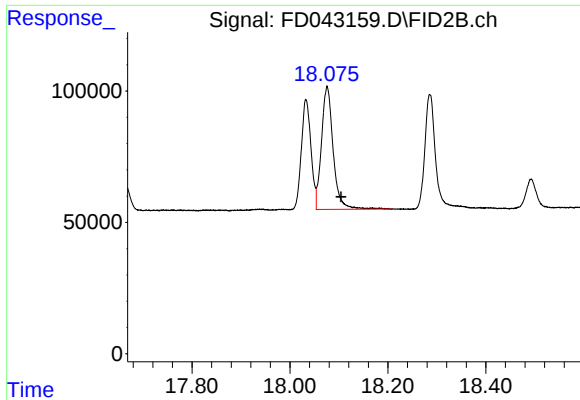
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: -0.029 min
Response: 599107
Conc: 4.19 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.032 min
Response: 575745
Conc: 4.60 ug/ml m



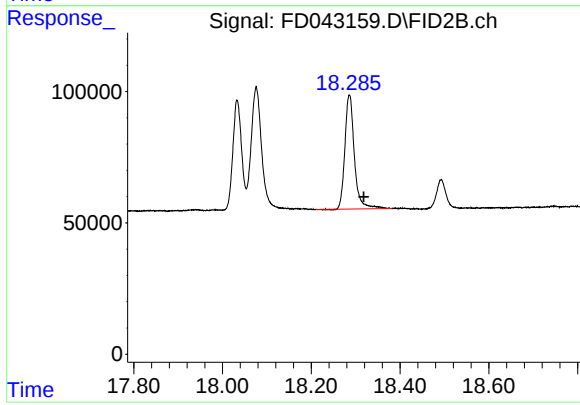
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.076 min
Delta R.T.: -0.029 min
Response: 778007
Conc: 5.79 ug/ml

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

R.T.: 18.286 min
Delta R.T.: -0.032 min
Response: 646763
Conc: 4.96 ug/ml