

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043158.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 12:36
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 56 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

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 Supervised By :Ankita
 Jodhani

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Integration File: autoint1.e
 Quant Time: Jul 06 05:27:23 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...	7.629	6875438	44.527 ug/ml
Spiked Amount 50.000		Recovery =	89.05%
6) S 2-Fluorobiphenyl (SURR)	8.492	4608643	43.694 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	87.39%
11) S ortho-Terphenyl (SURR)	11.537	6973072	38.366 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	634694	3.779 ug/ml
2) T Naphthalene (C11.7)	5.963	723543	4.133 ug/ml
7) T Acenaphthene (C15.5)	8.587	777735	4.441 ug/ml
8) T Fluorene (C16.55)	9.369	708687	4.088 ug/ml
10) T Anthracene (C19.43)	10.839	726536	4.276 ug/ml
12) T Fluoranthene (C21.85)	12.575	721701	4.303 ug/ml
13) T Pyrene (C20.8)	12.871	722501	4.433 ug/mlm
14) T Benzo[a]anthracene (C...	14.740	652084	4.199 ug/mlm
15) T Chrysene (C27.41)	14.782	825822	5.232 ug/ml
16) T benzo[b]fluoranthene ...	16.289	640657	4.203 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.320	684436	4.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	602608	4.213 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.031	579264	4.629 ug/mlm
20) T Dibenz[a,h]anthracene...	18.073	767502	5.709 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	651826	4.998 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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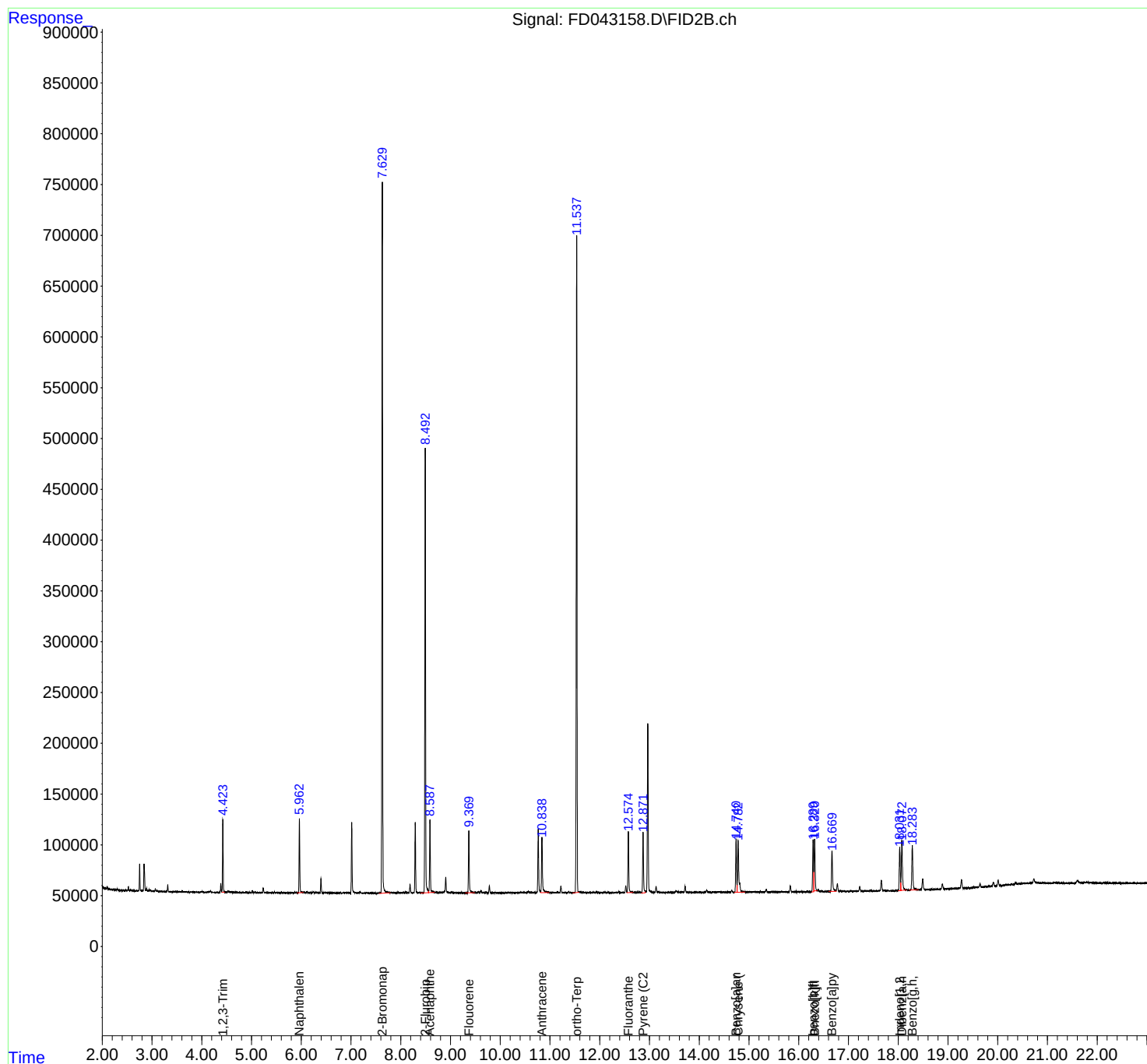
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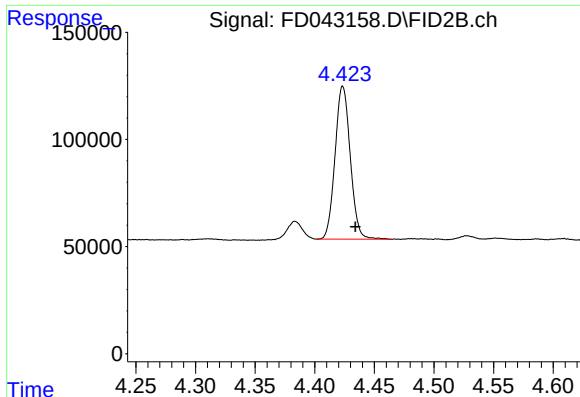
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 634694
Conc: 3.78 ug/ml

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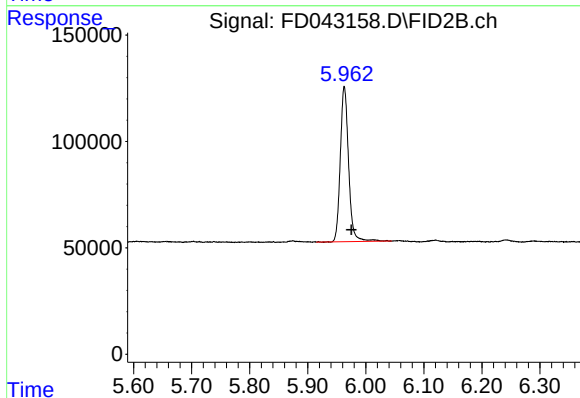
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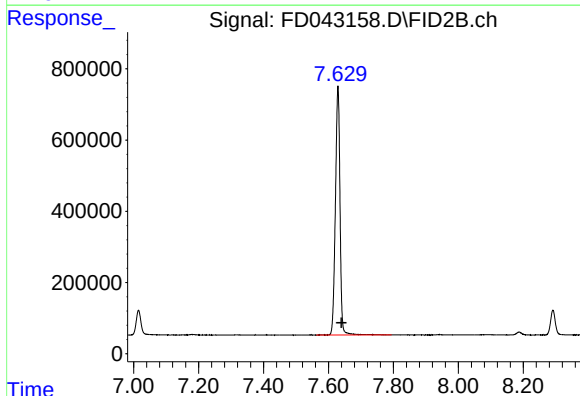
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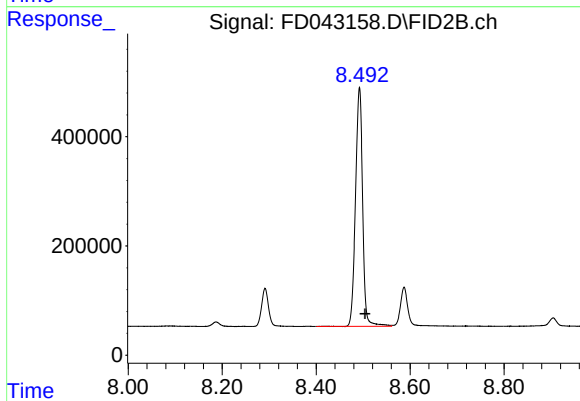
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 723543
Conc: 4.13 ug/ml



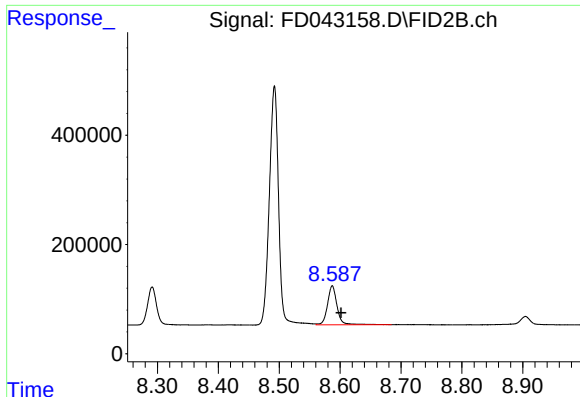
#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 6875438
Conc: 44.53 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.492 min
Delta R.T.: -0.012 min
Response: 4608643
Conc: 43.69 ug/ml



#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.014 min
Response: 777735
Conc: 4.44 ug/ml

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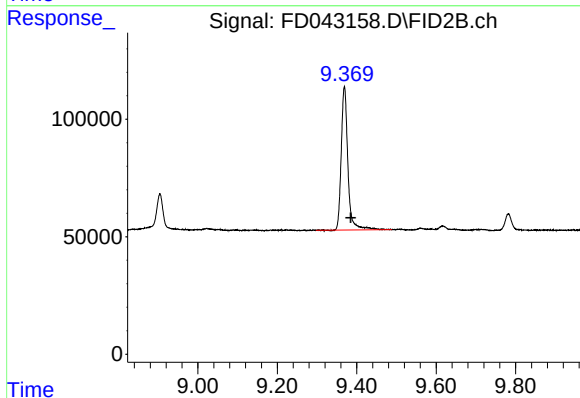
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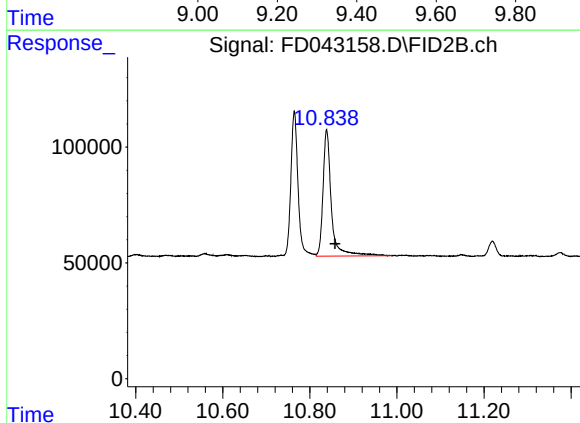
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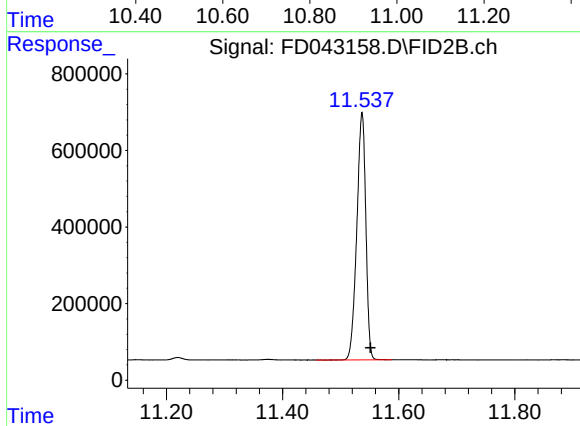
#8 Flouorene (C16.55)

R.T.: 9.369 min
Delta R.T.: -0.016 min
Response: 708687
Conc: 4.09 ug/ml



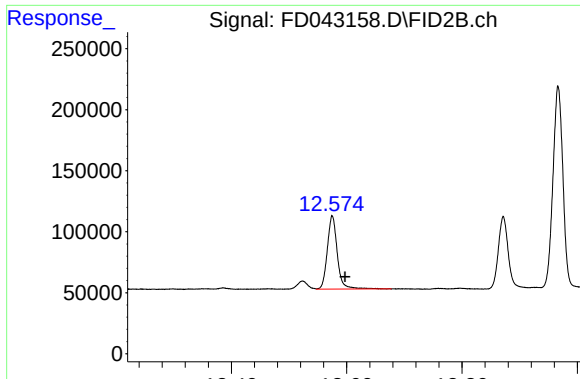
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 726536
Conc: 4.28 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 6973072
Conc: 38.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.022 min
Response: 721701
Conc: 4.30 ug/ml

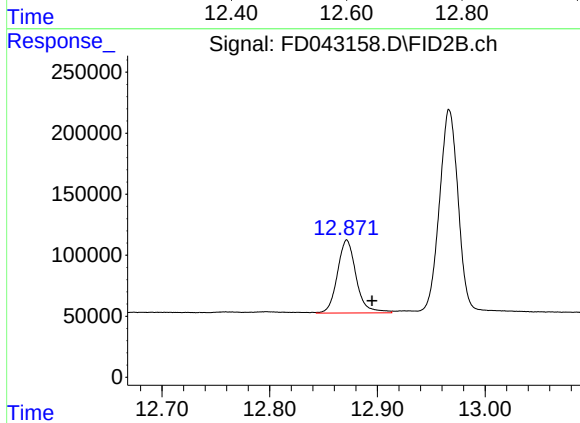
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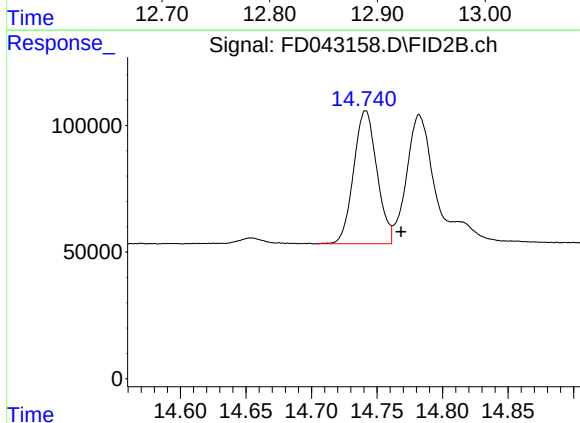
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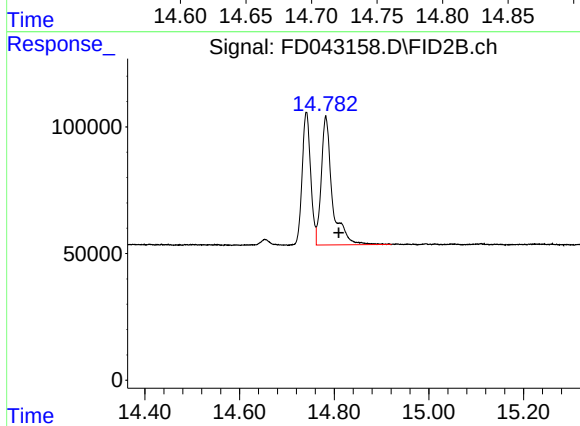
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 722501
Conc: 4.43 ug/ml m



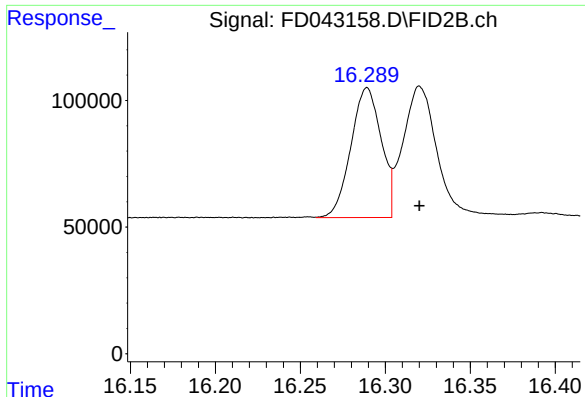
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: -0.028 min
Response: 652084
Conc: 4.20 ug/ml m



#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.027 min
Response: 825822
Conc: 5.23 ug/ml



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

R.T.: 16.289 min
Delta R.T.: -0.031 min
Response: 640657
Conc: 4.20 ug/ml

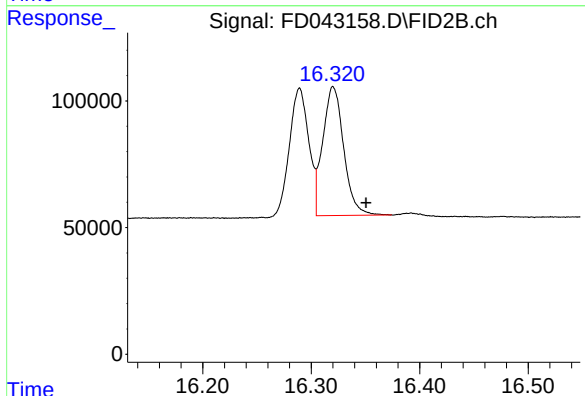
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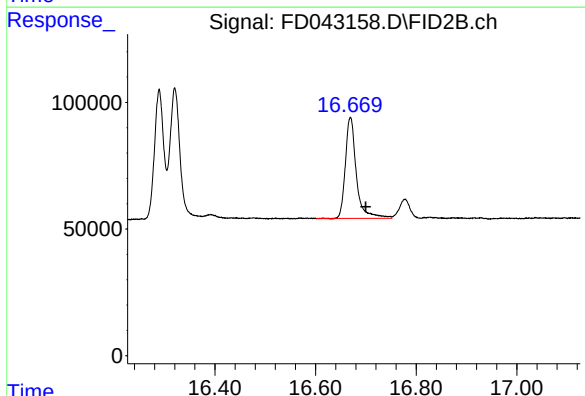
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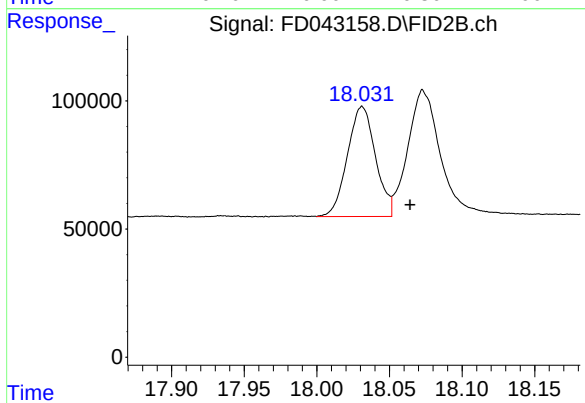
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.030 min
Response: 684436
Conc: 4.68 ug/ml



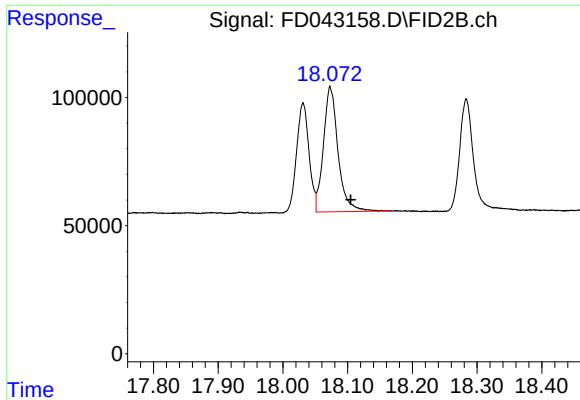
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.031 min
Response: 602608
Conc: 4.21 ug/ml



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

R.T.: 18.031 min
Delta R.T.: -0.033 min
Response: 579264
Conc: 4.63 ug/ml m



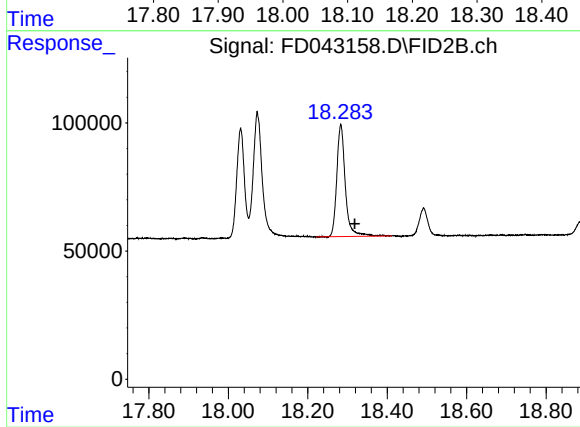
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.073 min
Delta R.T.: -0.031 min
Response: 767502
Conc: 5.71 ug/ml

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

R.T.: 18.283 min
Delta R.T.: -0.035 min
Response: 651826
Conc: 5.00 ug/ml

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