

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101922AR\
 Data File : FD044175.D
 Signal(s) : FID2B.ch
 Acq On : 19 Oct 2022 10:25
 Operator : YP/AJ
 Sample : N4955-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022
 Supervised By :Ankita Jodhani 10/20/2022

Integration File: autoint1.e
 Quant Time: Oct 19 16:28:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.416	6567022	52.893 ug/ml
Spiked Amount 50.000		Recovery =	105.79%
6) S 2-Fluorobiphenyl (SURR)	8.269	4132553	54.882 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.76%
11) S ortho-Terphenyl (SURR)	11.302	6856857	40.511 ug/ml
Spiked Amount 50.000		Recovery =	81.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	261120	1.850 ug/mlm
2) T Naphthalene (C11.7)	5.777	274873	2.005 ug/mlm
3) T 2-Methylnaphthalene (...)	6.823	225901	1.594 ug/mlm
5) T Acenaphthylene (C15.06)	8.082	278044	1.982 ug/ml
7) T Acenaphthene (C15.5)	8.369	451533	2.904 ug/ml
8) T Flouorene (C16.55)	9.164	232147	1.650 ug/ml
9) T Phenanthrene (C19.36)	10.557	224901	1.670 ug/ml
10) T Anthracene (C19.43)	10.638	270261	2.011 ug/mlm
12) T Fluoranthene (C21.85)	12.358	279758	2.095 ug/ml
13) T Pyrene (C20.8)	12.647	265808	2.104 ug/mlm
14) T Benzo[a]anthracene (C...	14.530	144647	1.362 ug/ml
15) T Chrysene (C27.41)	14.563	374716	2.858 ug/ml
16) T benzo[b]fluoranthene ...	16.070	202977	1.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.102	321895	2.530 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	137036	1.179 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	236350	2.217 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	316883	2.561 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.064	250187	2.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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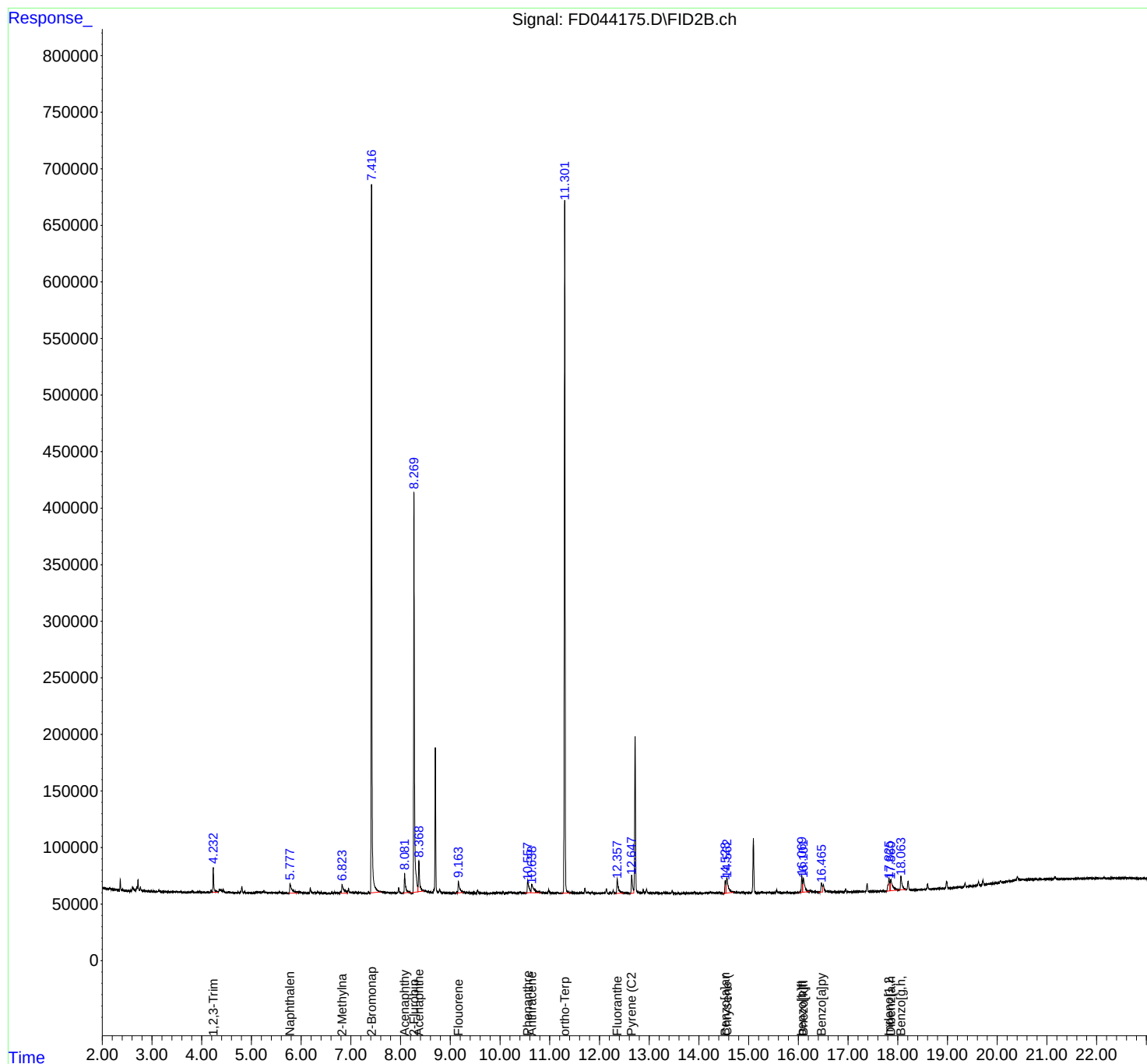
Instrument :
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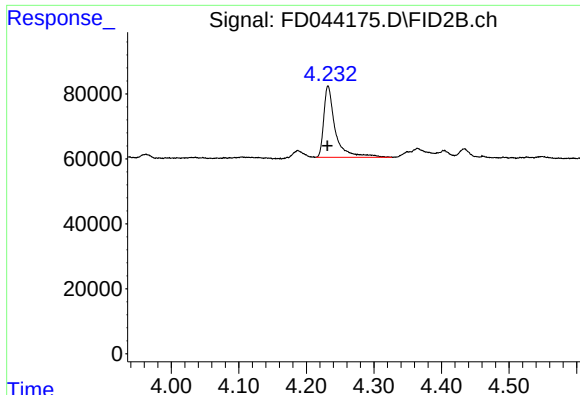
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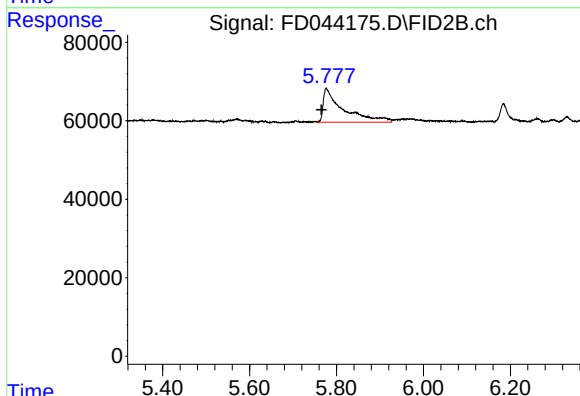
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.232 min
Delta R.T.: 0.000 min
Response: 261120
Conc: 1.85 ug/ml

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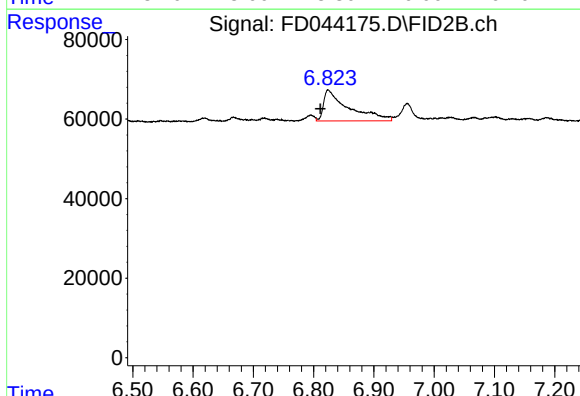
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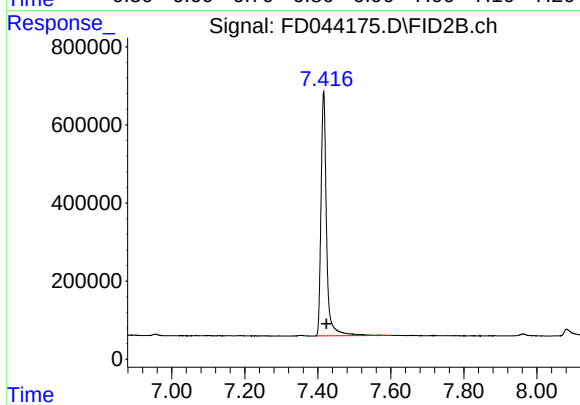
#2 Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: 0.011 min
Response: 274873
Conc: 2.00 ug/ml m



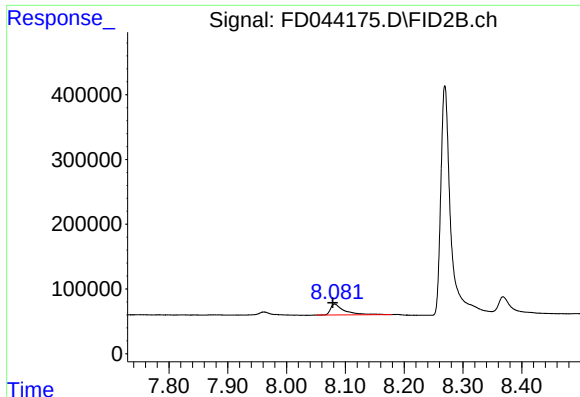
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: 0.012 min
Response: 225901
Conc: 1.59 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.416 min
Delta R.T.: -0.008 min
Response: 6567022
Conc: 52.89 ug/ml



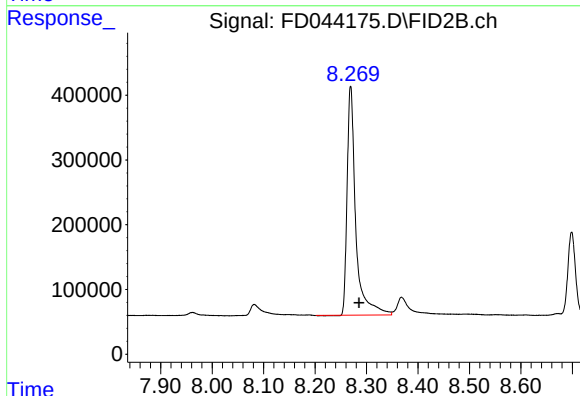
#5 Acenaphthylene (C15.06)

R.T.: 8.082 min
Delta R.T.: 0.004 min
Response: 278044
Conc: 1.98 ug/ml

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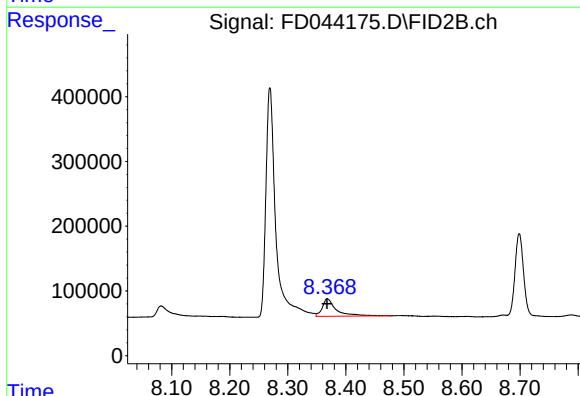
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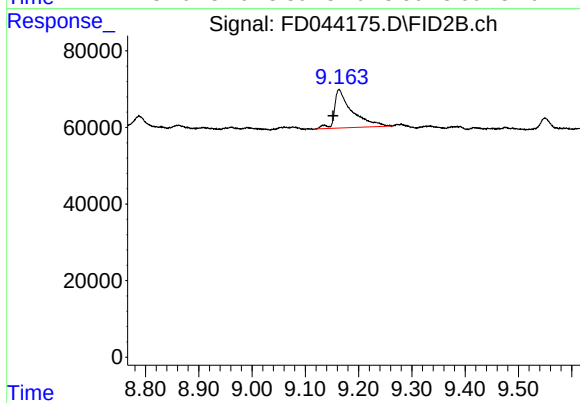
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.016 min
Response: 4132553
Conc: 54.88 ug/ml



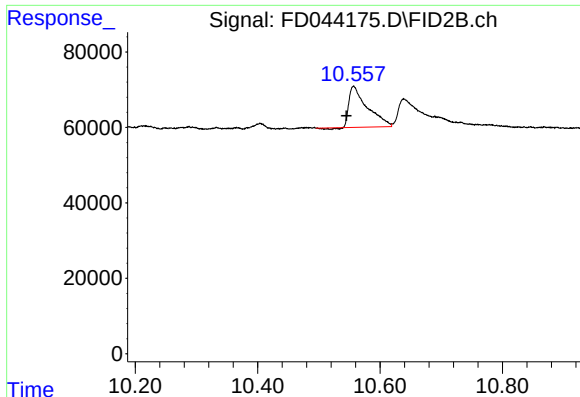
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 451533
Conc: 2.90 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.164 min
Delta R.T.: 0.012 min
Response: 232147
Conc: 1.65 ug/ml



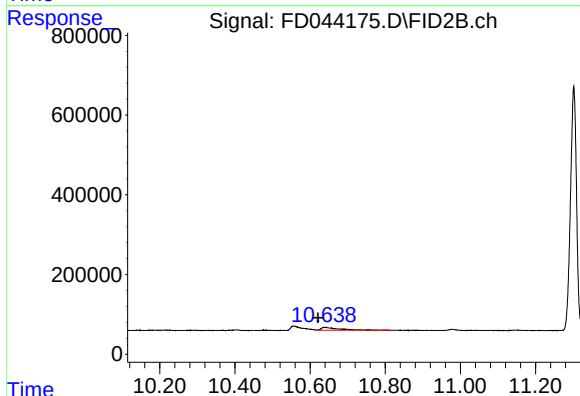
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: 0.012 min
Response: 224901
Conc: 1.67 ug/ml

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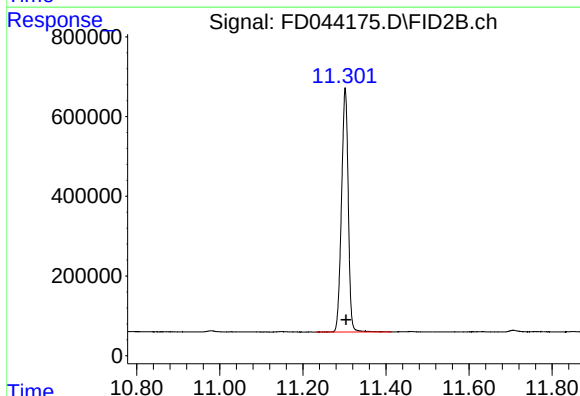
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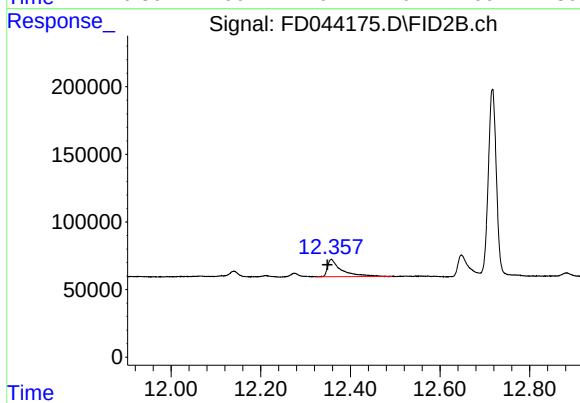
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: 0.016 min
Response: 270261
Conc: 2.01 ug/ml m



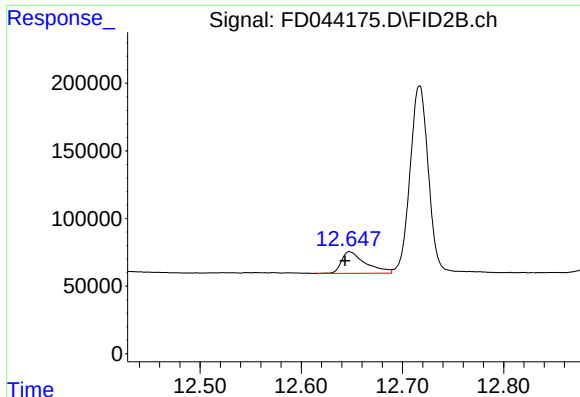
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.003 min
Response: 6856857
Conc: 40.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.358 min
Delta R.T.: 0.009 min
Response: 279758
Conc: 2.09 ug/ml



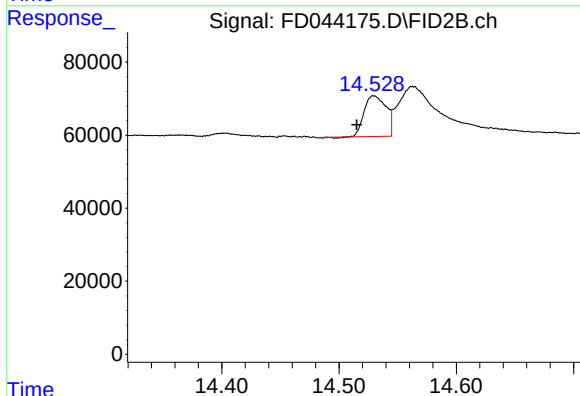
#13 Pyrene (C20.8)

R.T.: 12.647 min
Delta R.T.: 0.004 min
Response: 265808
Conc: 2.10 ug/ml

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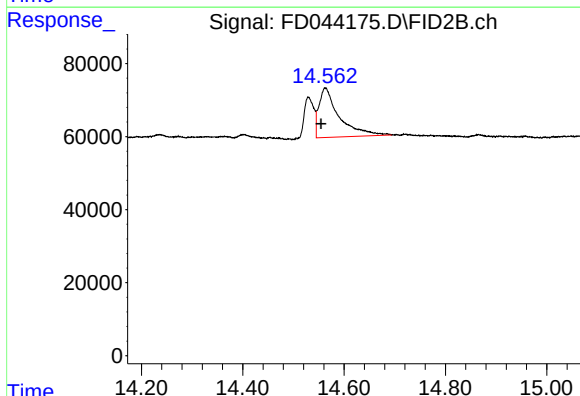
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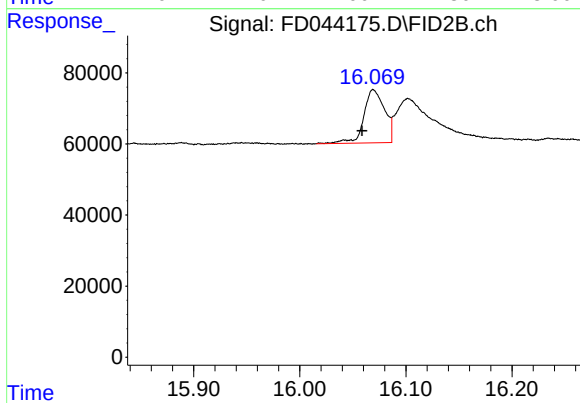
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.530 min
Delta R.T.: 0.015 min
Response: 144647
Conc: 1.36 ug/ml



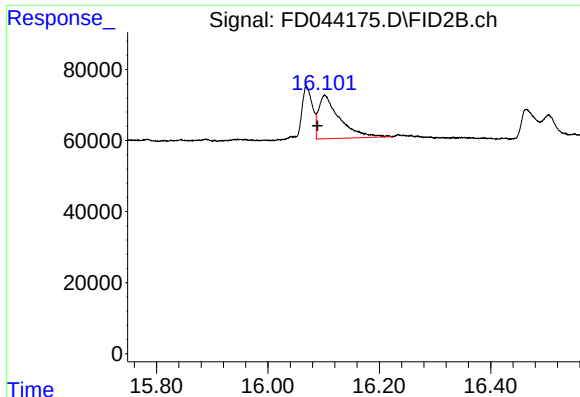
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: 0.009 min
Response: 374716
Conc: 2.86 ug/ml



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

R.T.: 16.070 min
Delta R.T.: 0.011 min
Response: 202977
Conc: 1.81 ug/ml



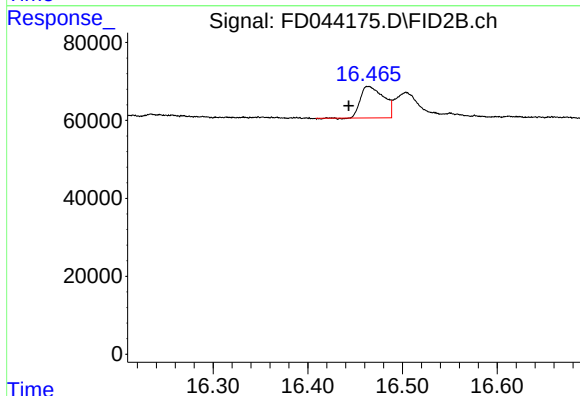
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: 0.013 min
Response: 321895
Conc: 2.53 ug/ml

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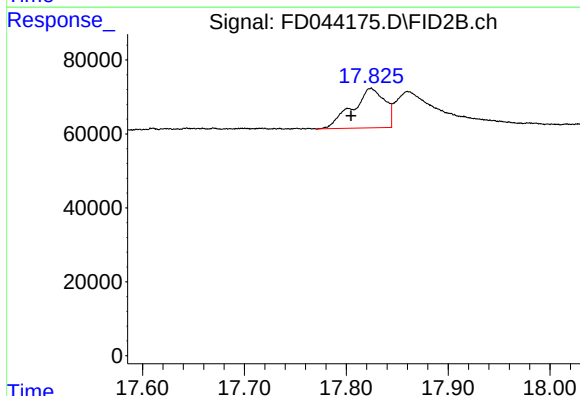
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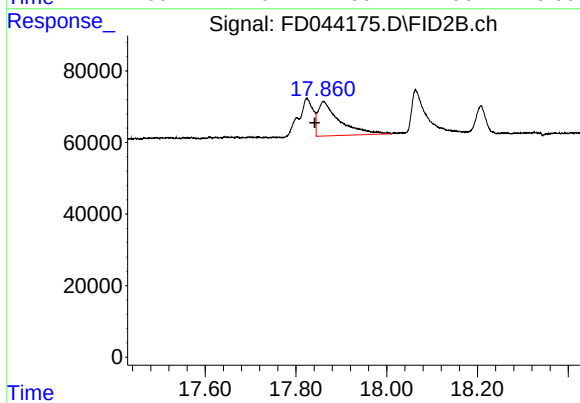
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.021 min
Response: 137036
Conc: 1.18 ug/ml



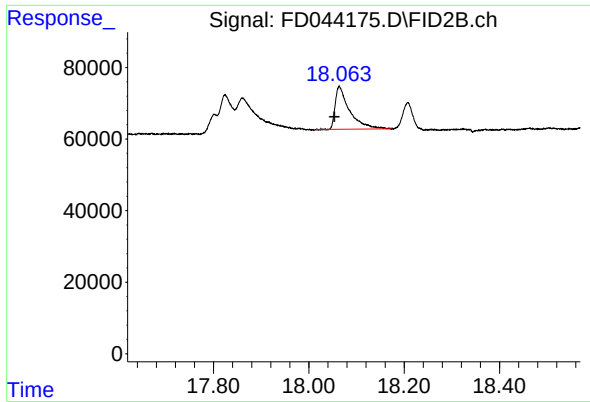
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.020 min
Response: 236350
Conc: 2.22 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.018 min
Response: 316883
Conc: 2.56 ug/ml m



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

R.T.: 18.064 min
Delta R.T.: 0.011 min
Response: 250187
Conc: 2.13 ug/ml

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