

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101624AR\
 Data File : FF014700.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2024 10:06
 Operator : YP\AJ
 Sample : P4368-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 01:39:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 11:02:50 2024
 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...	7.856	7461891	69.591 ug/ml
Spiked Amount 50.000		Recovery =	139.18%
6) S 2-Fluorobiphenyl (SURR)	8.725	4196110	67.910 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	135.82%#
11) S ortho-Terphenyl (SURR)	11.787	7439989	54.344 ug/ml
Spiked Amount 50.000		Recovery =	108.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.472	278602	2.119 ug/ml
2) T Naphthalene (C11.7)	6.142	282336	2.195 ug/mlm
3) T 2-Methylnaphthalene (...)	7.238	310066	2.462 ug/mlm
5) T Acenaphthylene (C15.06)	8.529	331285	2.563 ug/ml
7) T Acenaphthene (C15.5)	8.824	528784	3.876 ug/ml
8) T Flouorene (C16.55)	9.624	287351	2.406 ug/ml
9) T Phenanthrene (C19.36)	11.028	248333	2.156 ug/ml
10) T Anthracene (C19.43)	11.108	282690	2.391 ug/ml
12) T Fluoranthene (C21.85)	12.842	321056	2.625 ug/ml
13) T Pyrene (C20.8)	13.134	317356	2.556 ug/mlm
14) T Benzo[a]anthracene (C...	15.034	118775	1.346 ug/ml
15) T Chrysene (C27.41)	15.077	448792	3.123 ug/ml
16) T benzo[b]fluoranthene ...	16.587	158260	1.638 ug/ml
17) T Bnezo[k]fluoranthene ...	16.621	242652	1.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.980	161090	1.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.369	154843	2.415 ug/mlm
20) T Dibenz[a,h]anthracene...	18.437	95401	0.905 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.589	195829	1.611 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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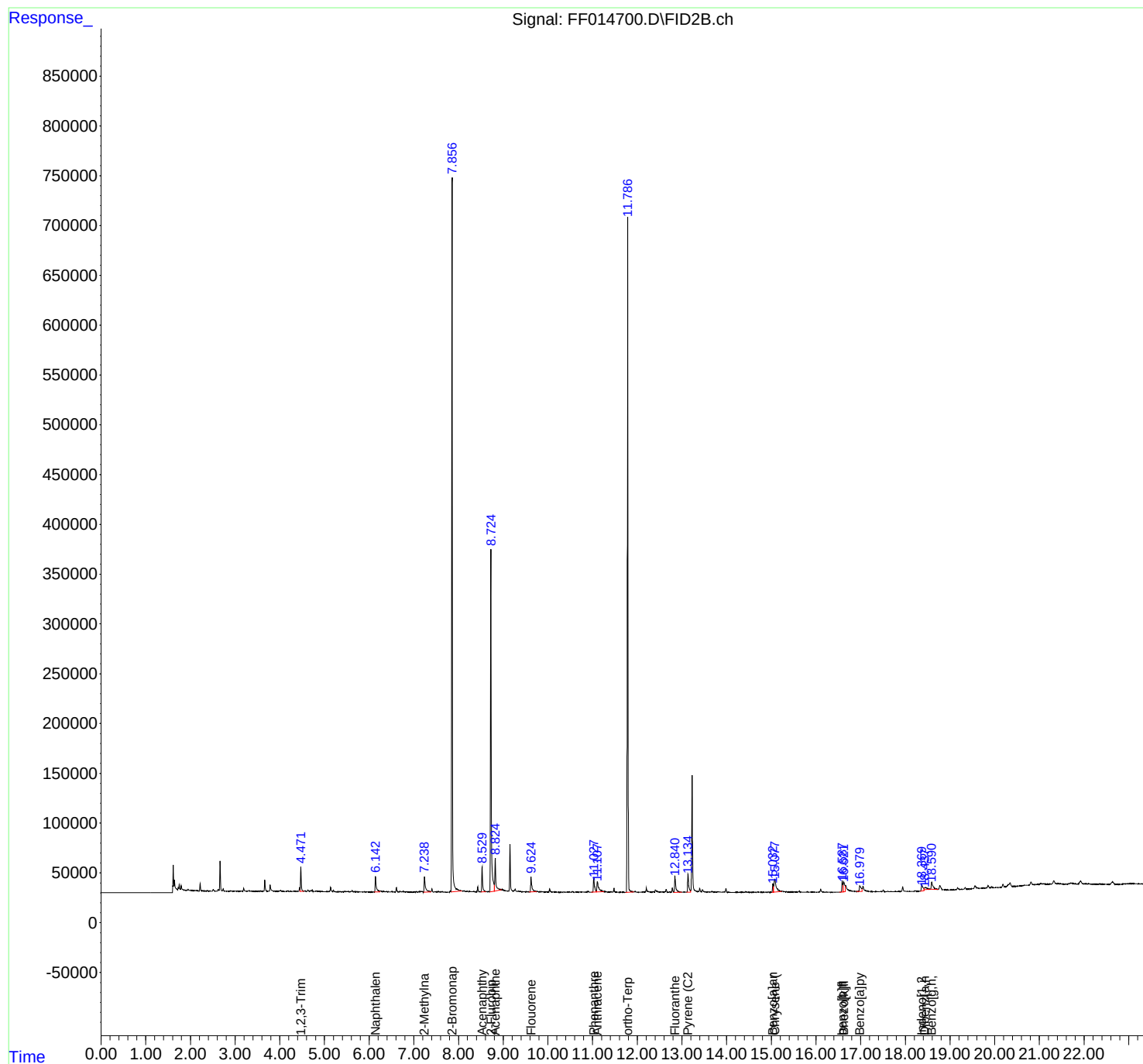
Instrument :
FID_F
Client Sample Id :
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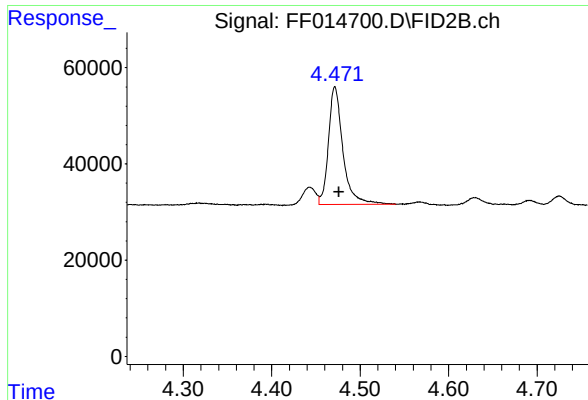
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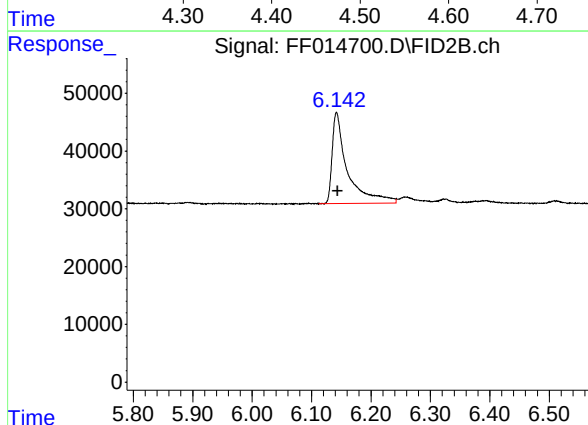
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.472 min
Delta R.T.: -0.004 min
Response: 278602
Conc: 2.12 ug/ml

Instrument : FID_F
ClientSampleId : MDL-WATER-03-QT4-2024

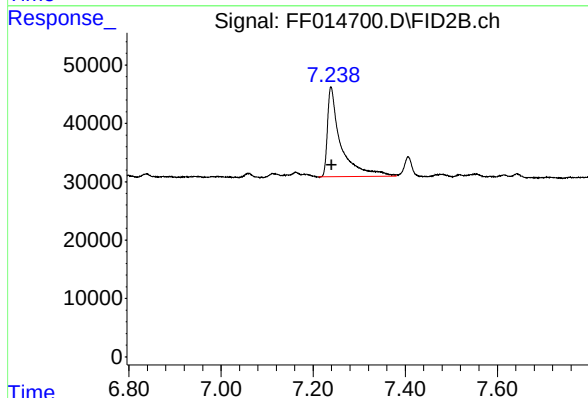
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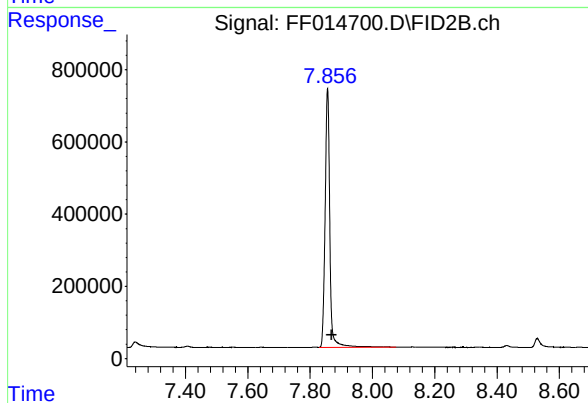
#2 Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 282336
Conc: 2.20 ug/ml m



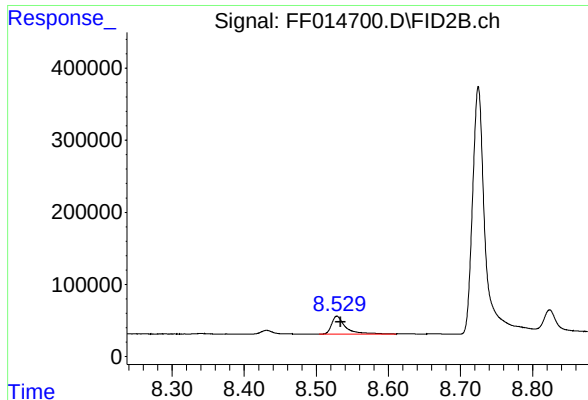
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 310066
Conc: 2.46 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.013 min
Response: 7461891
Conc: 69.59 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.529 min
Delta R.T.: -0.005 min
Response: 331285
Conc: 2.56 ug/ml

Instrument :

FID_F

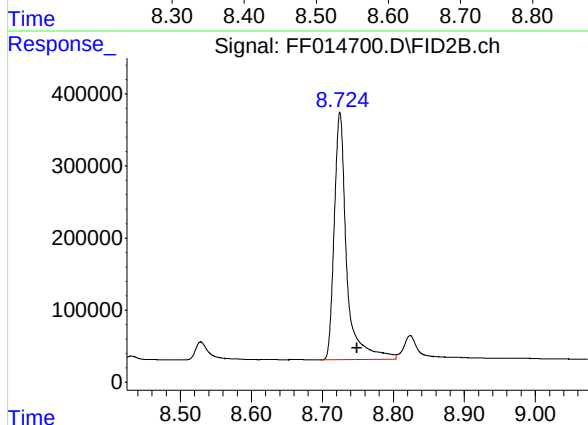
ClientSampleId :

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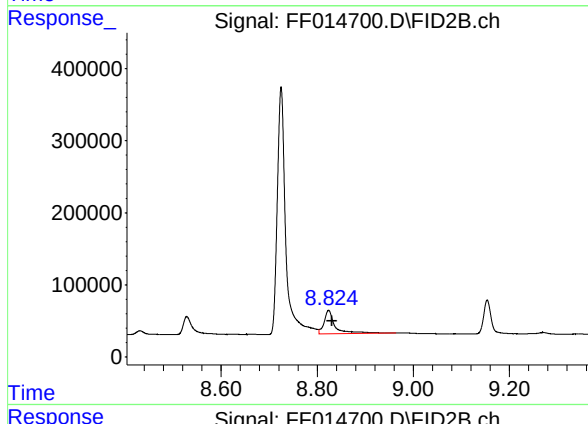
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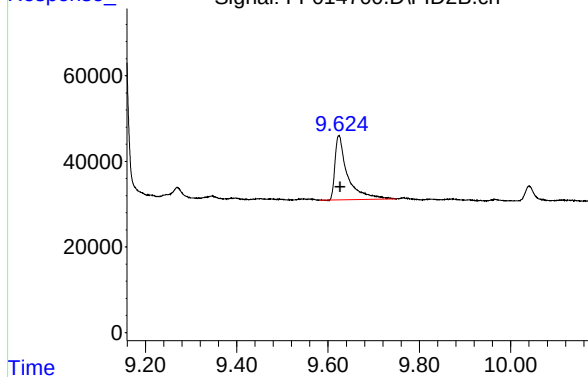
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.725 min
Delta R.T.: -0.024 min
Response: 4196110
Conc: 67.91 ug/ml



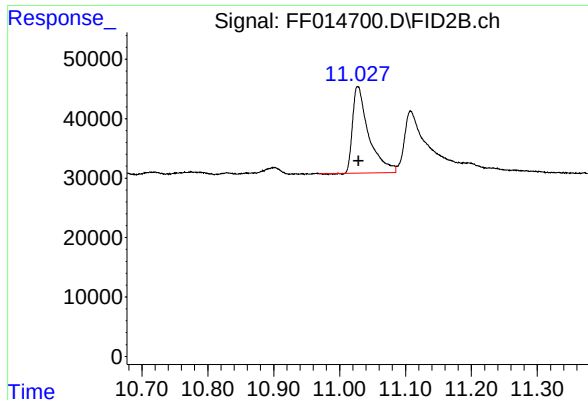
#7 Acenaphthene (C15.5)

R.T.: 8.824 min
Delta R.T.: -0.007 min
Response: 528784
Conc: 3.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 287351
Conc: 2.41 ug/ml



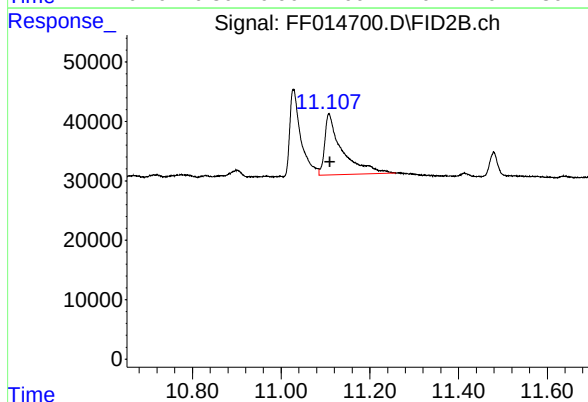
#9 Phenanthrene (C19.36)

R.T.: 11.028 min
Delta R.T.: 0.000 min
Response: 248333
Conc: 2.16 ug/ml

Instrument : FID_F
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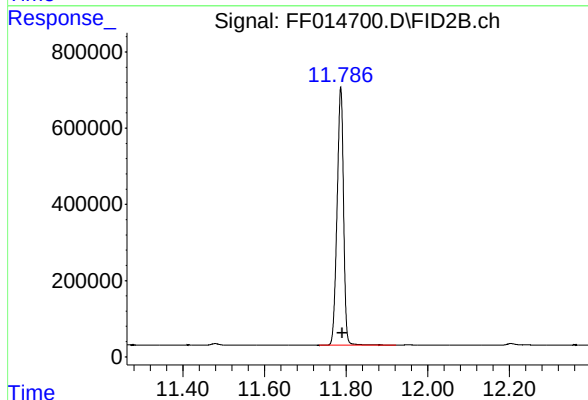
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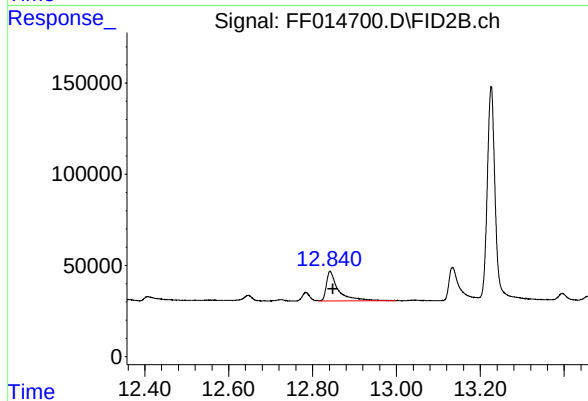
#10 Anthracene (C19.43)

R.T.: 11.108 min
Delta R.T.: -0.002 min
Response: 282690
Conc: 2.39 ug/ml



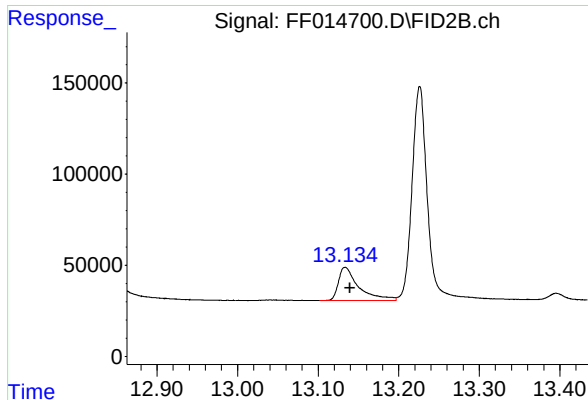
#11 ortho-Terphenyl (SURR)

R.T.: 11.787 min
Delta R.T.: -0.004 min
Response: 7439989
Conc: 54.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.842 min
Delta R.T.: -0.006 min
Response: 321056
Conc: 2.62 ug/ml



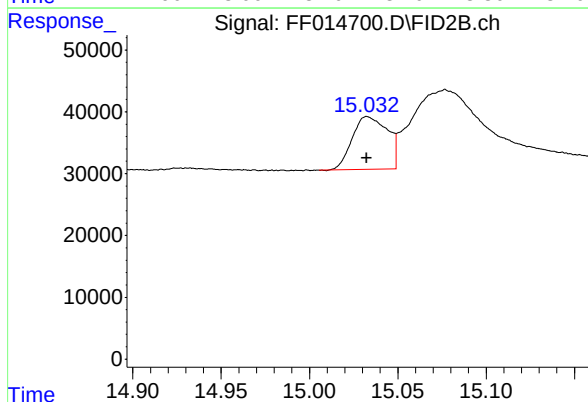
#13 Pyrene (C20.8)

R.T.: 13.134 min
Delta R.T.: -0.006 min
Response: 317356
Conc: 2.56 ug/ml

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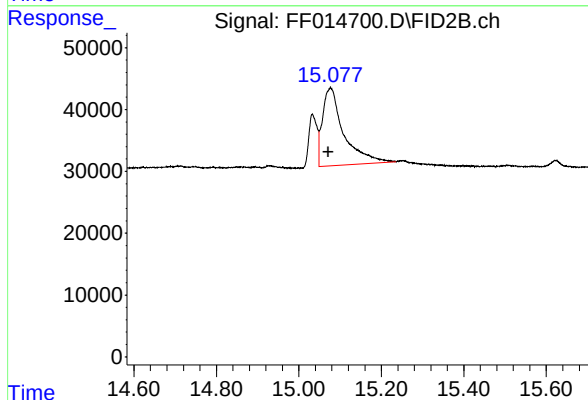
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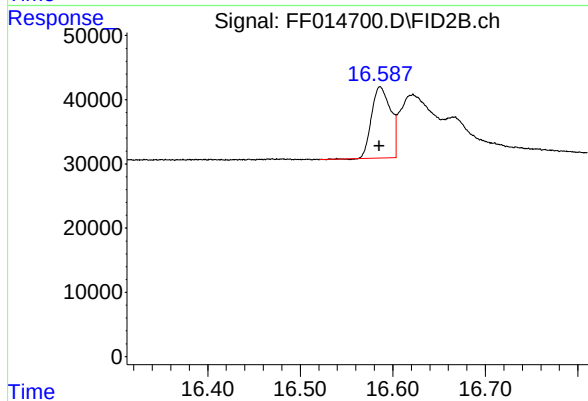
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.034 min
Delta R.T.: 0.001 min
Response: 118775
Conc: 1.35 ug/ml



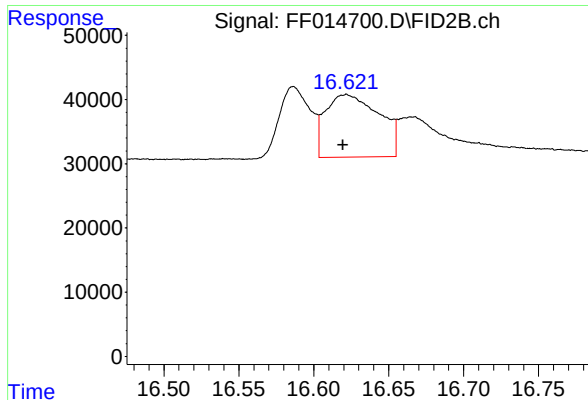
#15 Chrysene (C27.41)

R.T.: 15.077 min
Delta R.T.: 0.005 min
Response: 448792
Conc: 3.12 ug/ml



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

R.T.: 16.587 min
Delta R.T.: 0.001 min
Response: 158260
Conc: 1.64 ug/ml



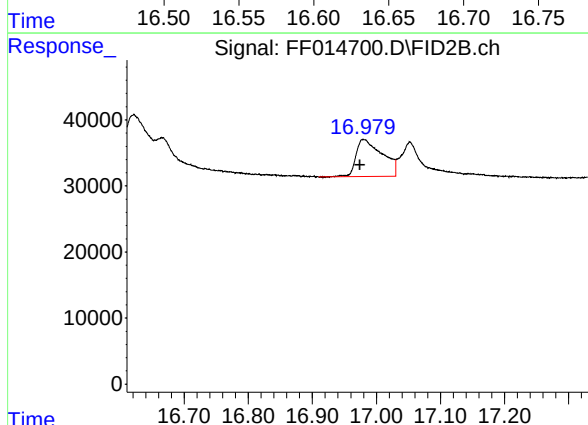
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.621 min
Delta R.T.: 0.002 min
Response: 242652
Conc: 1.79 ug/ml

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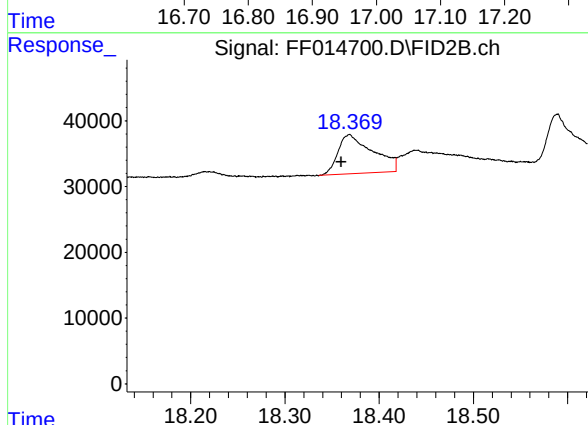
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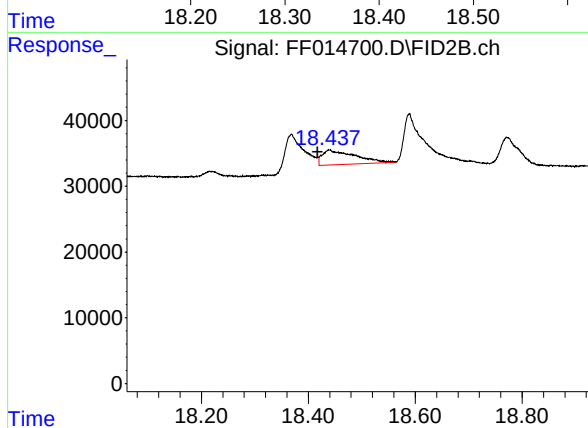
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.980 min
Delta R.T.: 0.006 min
Response: 161090
Conc: 1.47 ug/ml



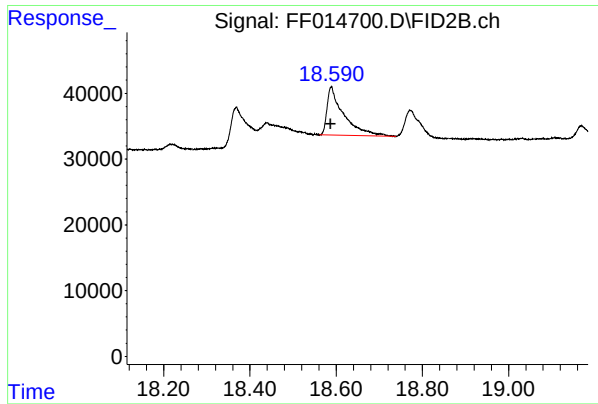
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.369 min
Delta R.T.: 0.009 min
Response: 154843
Conc: 2.42 ug/ml m



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

R.T.: 18.437 min
Delta R.T.: 0.019 min
Response: 95401
Conc: 0.90 ug/ml m



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

R.T.: 18.589 min
Delta R.T.: 0.001 min
Response: 195829
Conc: 1.61 ug/ml

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