

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014249.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 03:20
 Operator : YP\AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 06:37:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.902	5645608	53.800 ug/ml
Spiked Amount 50.000		Recovery =	107.60%
6) S 2-Fluorobiphenyl (SURR)	8.773	3194598	52.788 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.58%
11) S ortho-Terphenyl (SURR)	11.838	5913609	41.895 ug/ml
Spiked Amount 50.000		Recovery =	83.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	219516	1.813 ug/ml
2) T Naphthalene (C11.7)	6.184	207059	1.768 ug/ml
3) T 2-Methylnaphthalene (...)	7.278	216011	1.939 ug/ml
5) T Acenaphthylene (C15.06)	8.574	238997	2.129 ug/ml
7) T Acenaphthene (C15.5)	8.871	397545	3.143 ug/ml
8) T Flouorene (C16.55)	9.663	220782	2.073 ug/ml
9) T Phenanthrene (C19.36)	11.067	170494	1.646 ug/mlm
10) T Anthracene (C19.43)	11.146	161260	1.770 ug/mlm
12) T Fluoranthene (C21.85)	12.886	231284	2.032 ug/ml
13) T Pyrene (C20.8)	13.181	223893	2.004 ug/mlm
14) T Benzo[a]anthracene (C...	15.078	87435	1.154 ug/ml
15) T Chrysene (C27.41)	15.117	281952	2.564 ug/ml
16) T benzo[b]fluoranthene ...	16.629	133431	1.330 ug/ml
17) T Bnezo[k]fluoranthene ...	16.661	280679	2.372 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.018	157742	1.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.398	113596	1.277 ug/mlm
20) T Dibenz[a,h]anthracene...	18.457	118987	1.119 ug/ml
21) T Benzo[g,h,i]perylene ...	18.635	192514	1.563 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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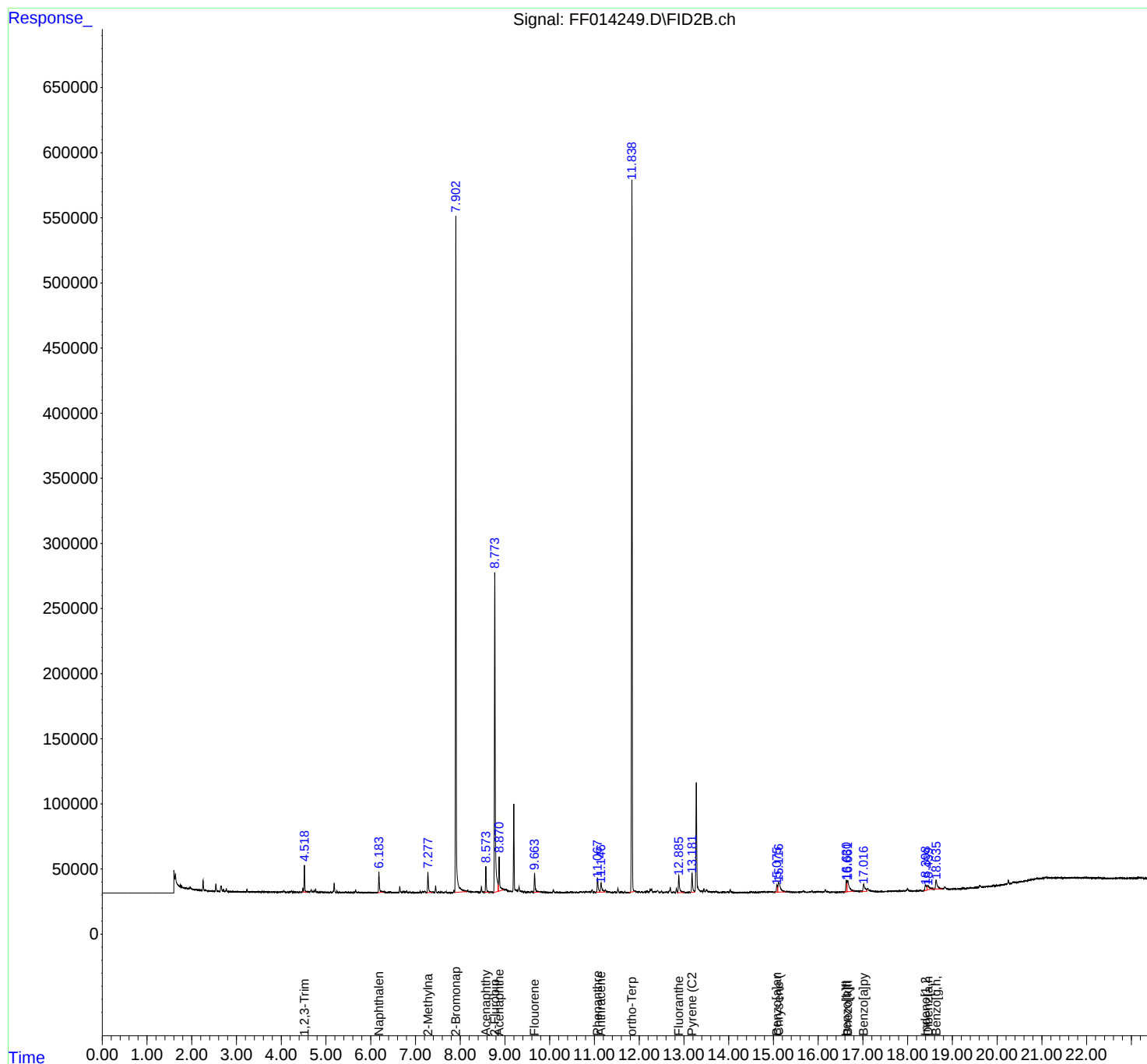
Instrument :
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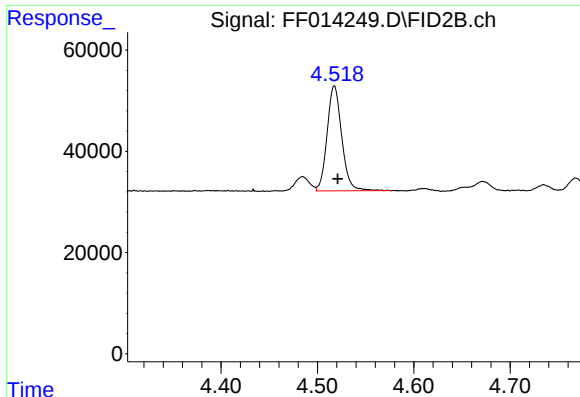
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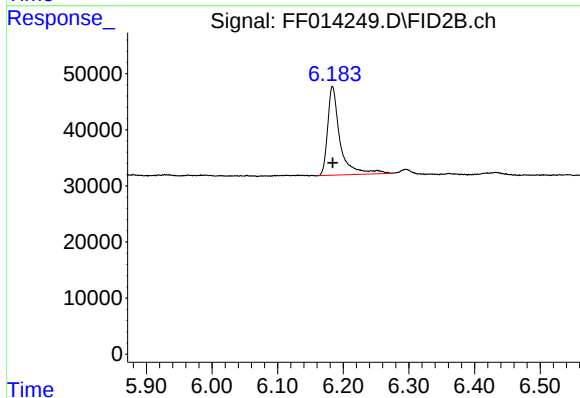
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 219516
Conc: 1.81 ug/ml

Instrument : FID_F
ClientSampleId : MDL-WATER-03-QT2-2024

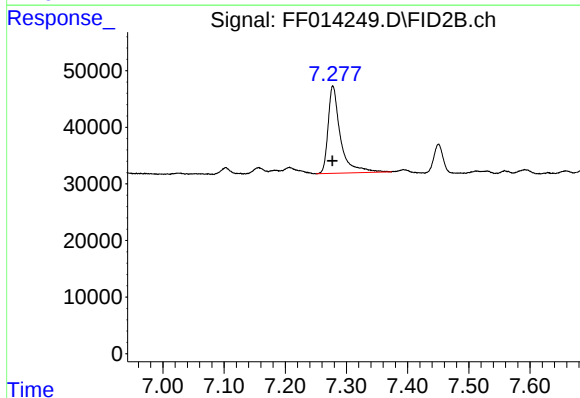
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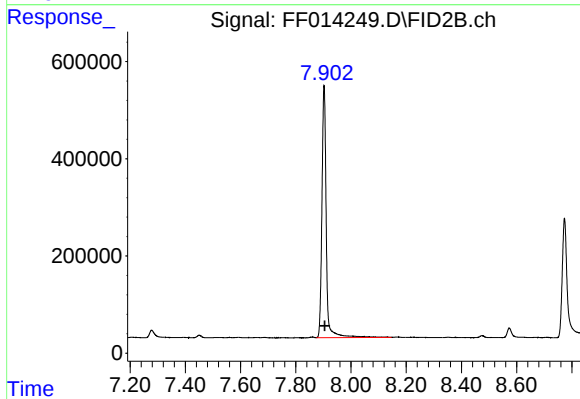
#2 Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 207059
Conc: 1.77 ug/ml



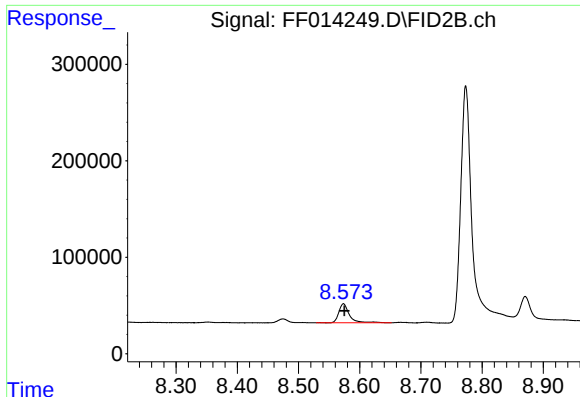
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: 0.001 min
Response: 216011
Conc: 1.94 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 5645608
Conc: 53.80 ug/ml



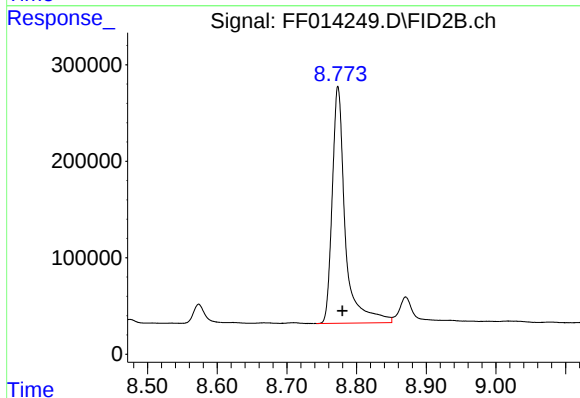
#5 Acenaphthylene (C15.06)

R.T.: 8.574 min
Delta R.T.: -0.001 min
Response: 238997
Conc: 2.13 ug/ml

Instrument : FID_F
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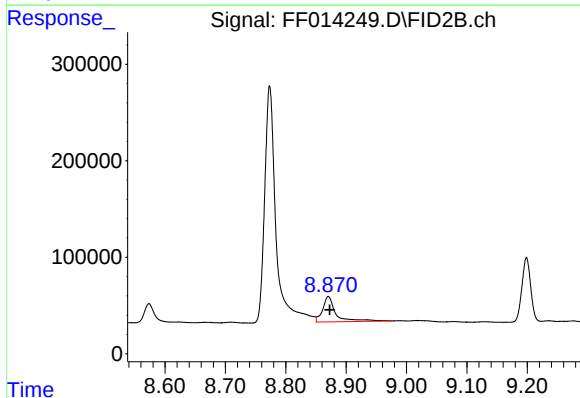
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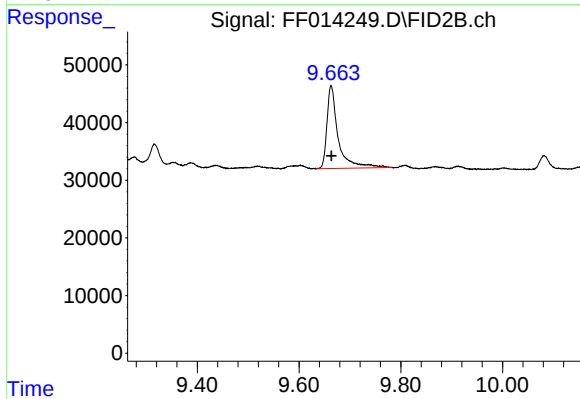
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.773 min
Delta R.T.: -0.006 min
Response: 3194598
Conc: 52.79 ug/ml



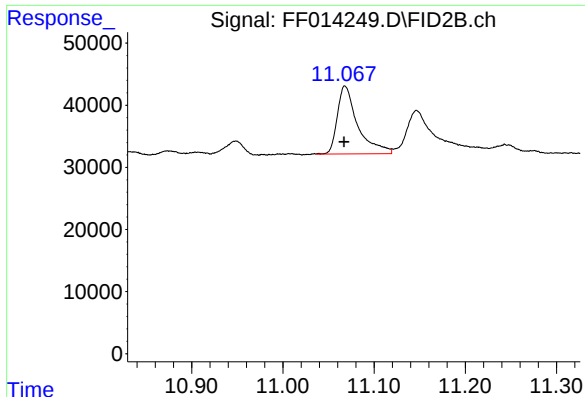
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: -0.002 min
Response: 397545
Conc: 3.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.663 min
Delta R.T.: 0.000 min
Response: 220782
Conc: 2.07 ug/ml



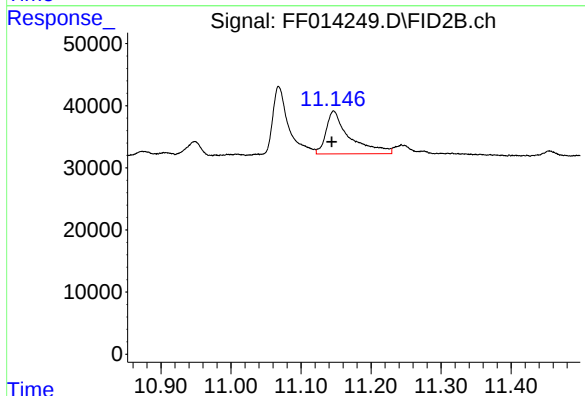
#9 Phenanthrene (C19.36)

R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 170494
Conc: 1.65 ug/ml

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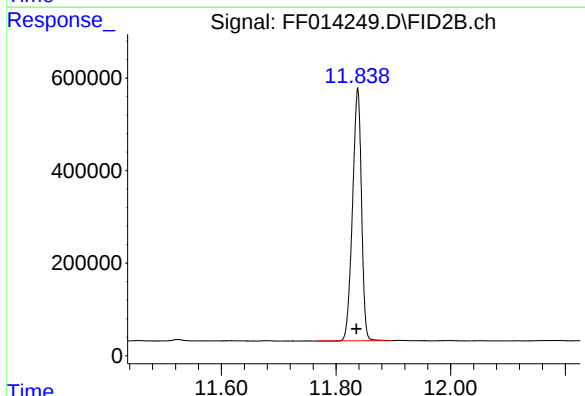
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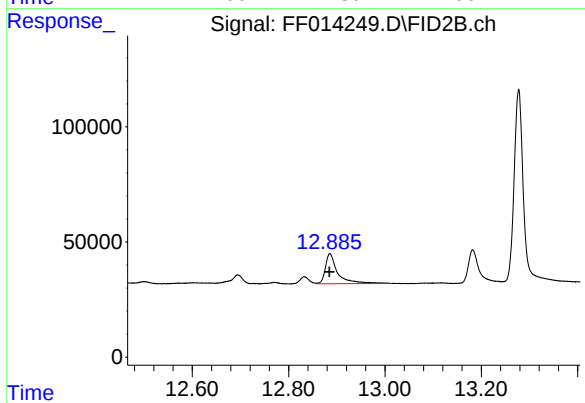
#10 Anthracene (C19.43)

R.T.: 11.146 min
Delta R.T.: 0.002 min
Response: 161260
Conc: 1.77 ug/ml m



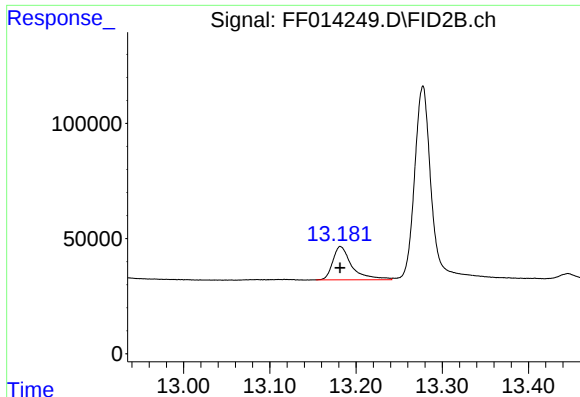
#11 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: 0.002 min
Response: 5913609
Conc: 41.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.886 min
Delta R.T.: 0.001 min
Response: 231284
Conc: 2.03 ug/ml



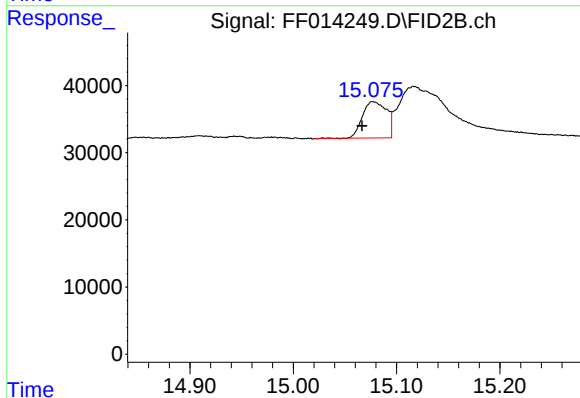
#13 Pyrene (C20.8)

R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 223893
Conc: 2.00 ug/ml

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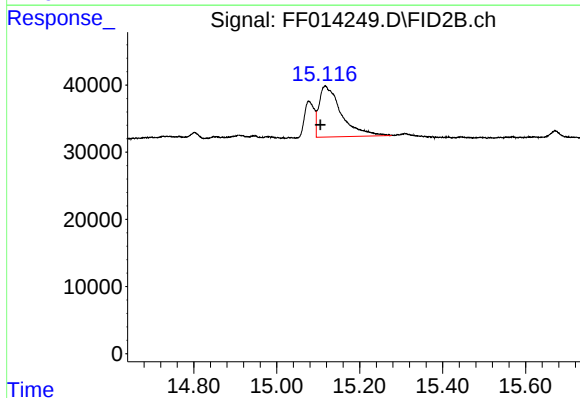
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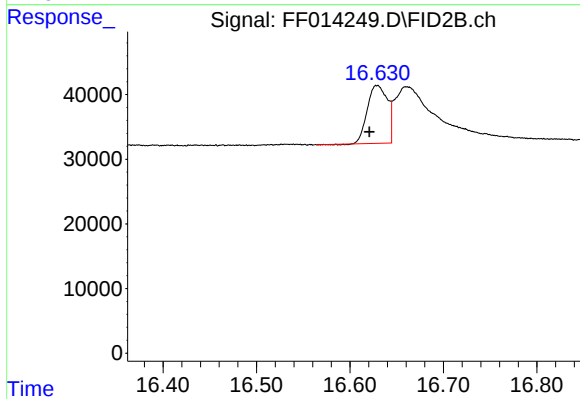
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.078 min
Delta R.T.: 0.011 min
Response: 87435
Conc: 1.15 ug/ml



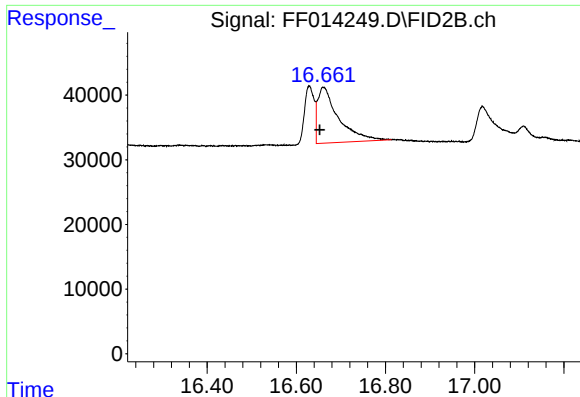
#15 Chrysene (C27.41)

R.T.: 15.117 min
Delta R.T.: 0.012 min
Response: 281952
Conc: 2.56 ug/ml



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

R.T.: 16.629 min
Delta R.T.: 0.008 min
Response: 133431
Conc: 1.33 ug/ml



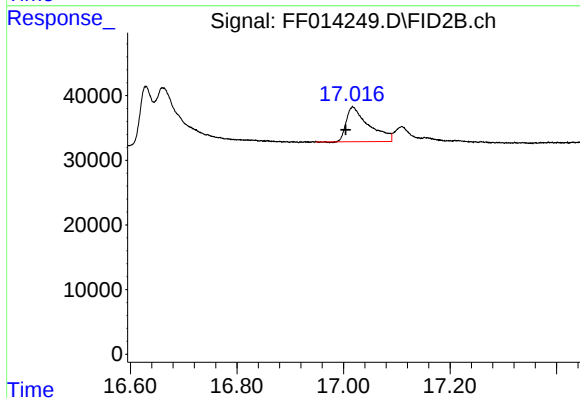
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.661 min
Delta R.T.: 0.009 min
Response: 280679
Conc: 2.37 ug/ml

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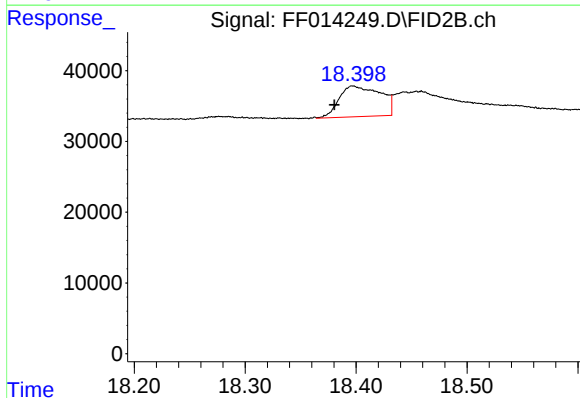
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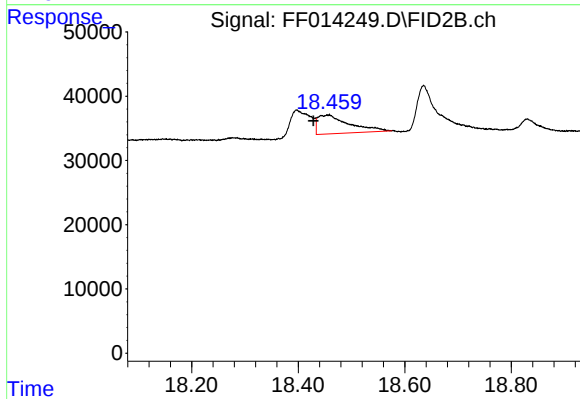
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.018 min
Delta R.T.: 0.013 min
Response: 157742
Conc: 1.50 ug/ml



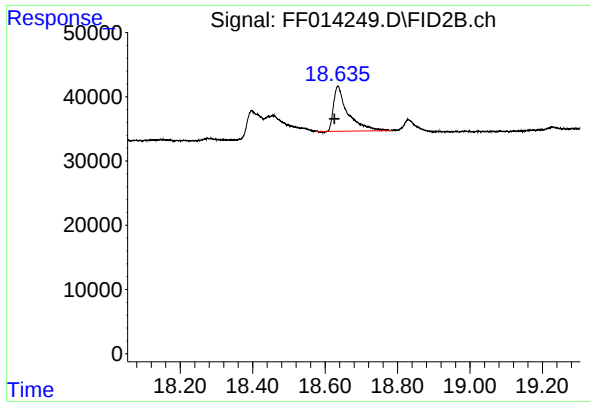
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.398 min
Delta R.T.: 0.018 min
Response: 113596
Conc: 1.28 ug/ml m



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

R.T.: 18.457 min
Delta R.T.: 0.028 min
Response: 118987
Conc: 1.12 ug/ml



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

R.T.: 18.635 min
Delta R.T.: 0.010 min
Response: 192514
Conc: 1.56 ug/ml

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