

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101524AR\
 Data File : FF014690.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 15:59
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:26:16 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	6722054	62.691 ug/ml
Spiked Amount 50.000		Recovery =	125.38%
6) S 2-Fluorobiphenyl (SURR)	8.726	3701595	59.906 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.81%
11) S ortho-Terphenyl (SURR)	11.788	7338299	53.601 ug/ml
Spiked Amount 50.000		Recovery =	107.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.470	431152	3.279 ug/ml
2) T Naphthalene (C11.7)	6.138	411484	3.199 ug/ml
3) T 2-Methylnaphthalene (...)	7.234	482198	3.829 ug/ml
5) T Acenaphthylene (C15.06)	8.528	504788	3.905 ug/ml
7) T Acenaphthene (C15.5)	8.824	680504	4.989 ug/ml
8) T Fluorene (C16.55)	9.619	448526	3.755 ug/ml
9) T Phenanthrene (C19.36)	11.022	432125	3.752 ug/ml
10) T Anthracene (C19.43)	11.100	485126	4.104 ug/ml
12) T Fluoranthene (C21.85)	12.836	533400	4.361 ug/ml
13) T Pyrene (C20.8)	13.130	528887	4.260 ug/ml
14) T Benzo[a]anthracene (C...	15.017	295159	3.345 ug/ml
15) T Chrysene (C27.41)	15.057	805390	5.605 ug/ml
16) T benzo[b]fluoranthene ...	16.571	330195	3.417 ug/ml
17) T Bnezo[k]fluoranthene ...	16.604	637445	4.691 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.961	360807	3.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.353	295969	4.617 ug/ml
20) T Dibenz[a,h]anthracene...	18.401	393848	3.734 ug/ml
21) T Benzo[g,h,i]perylene ...	18.573	448993	3.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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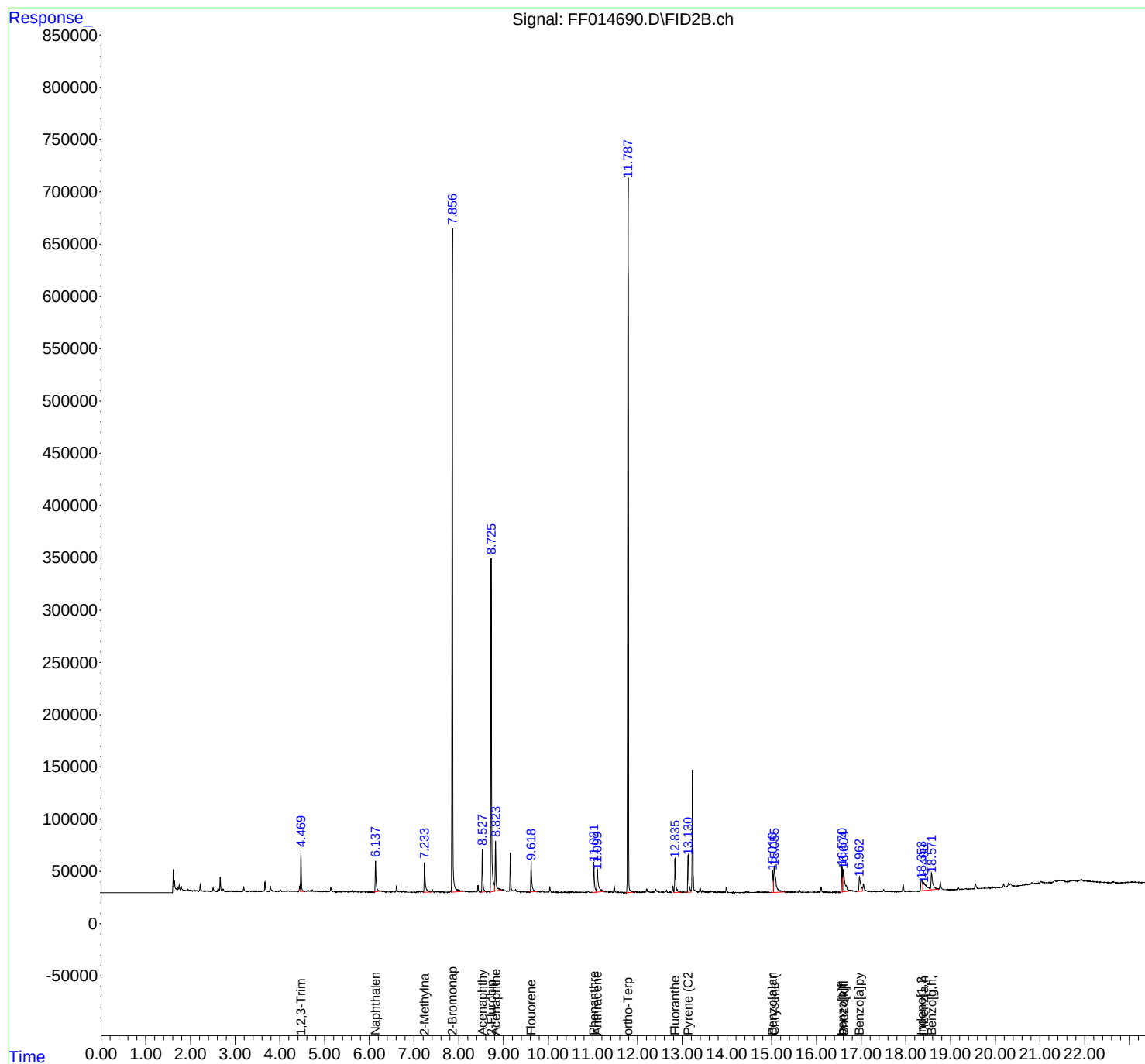
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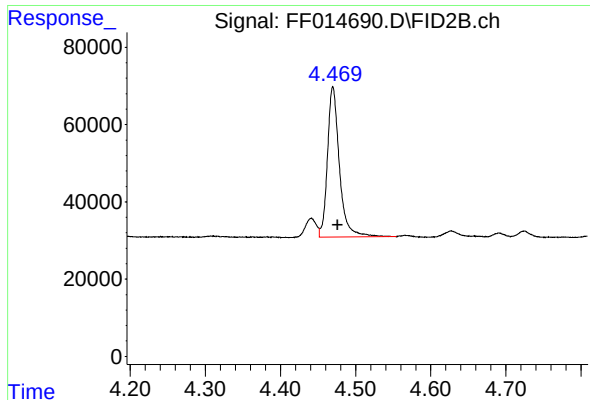
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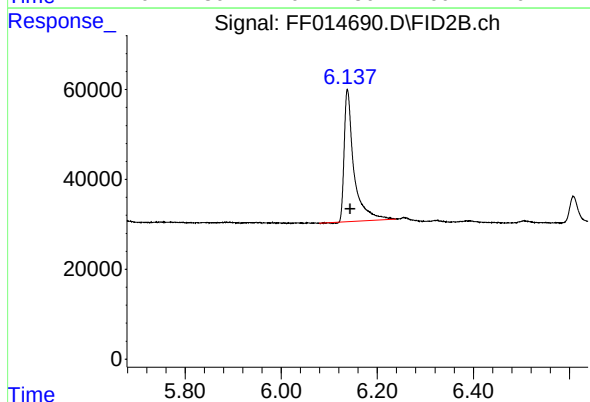
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.470 min
Delta R.T.: -0.006 min
Response: 431152
Conc: 3.28 ug/ml

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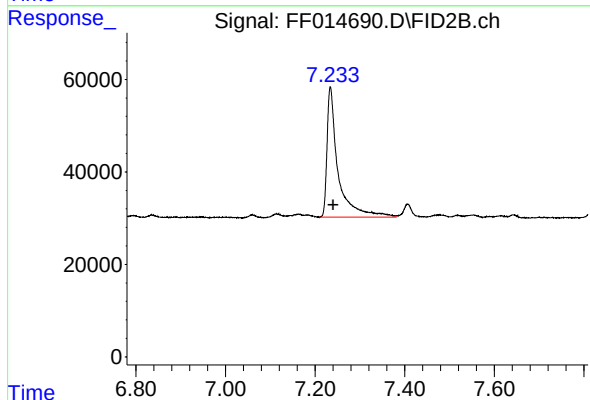
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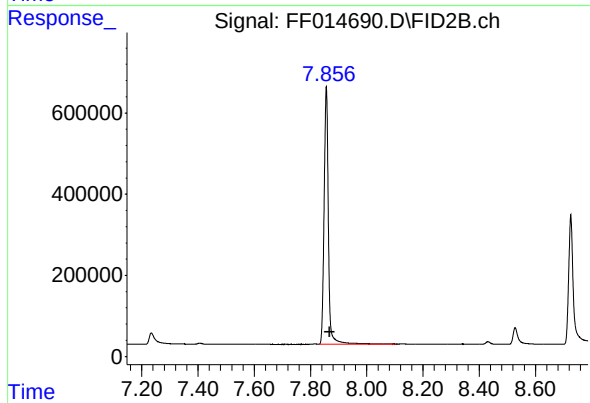
#2 Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.006 min
Response: 411484
Conc: 3.20 ug/ml



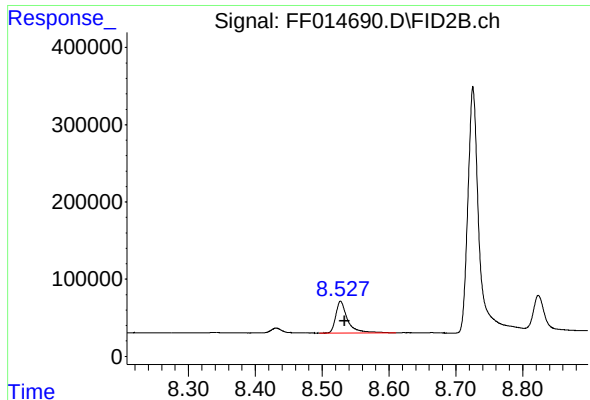
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: -0.005 min
Response: 482198
Conc: 3.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 6722054
Conc: 62.69 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 504788
Conc: 3.91 ug/ml

Instrument :

FID_F

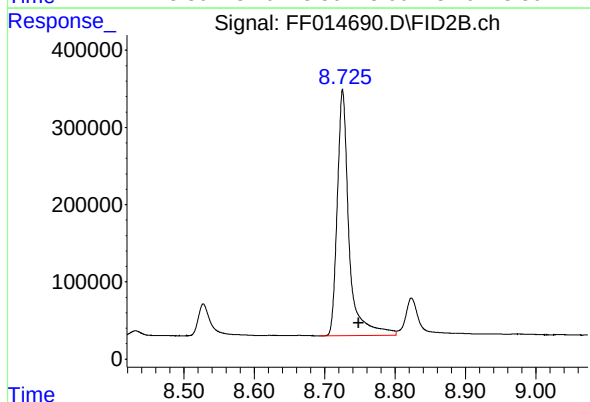
ClientSampleId :

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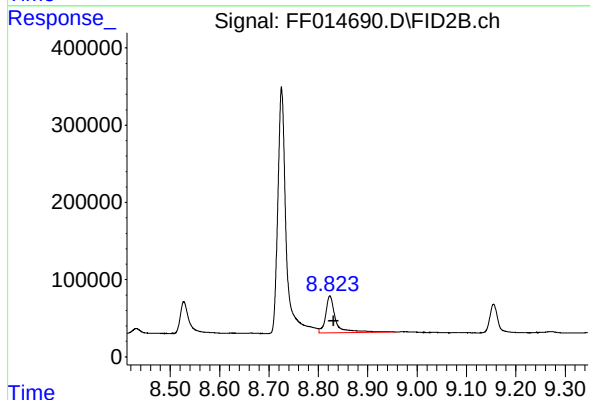
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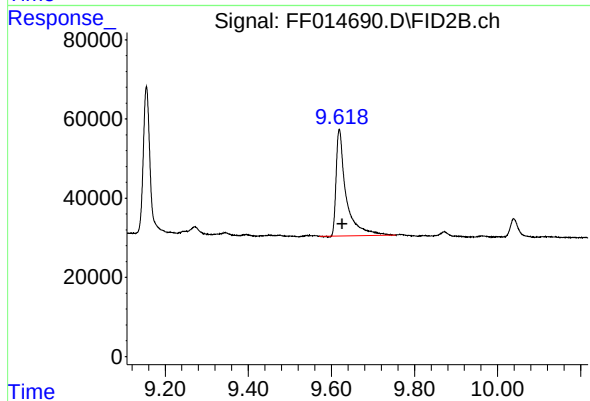
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.726 min
Delta R.T.: -0.023 min
Response: 3701595
Conc: 59.91 ug/ml



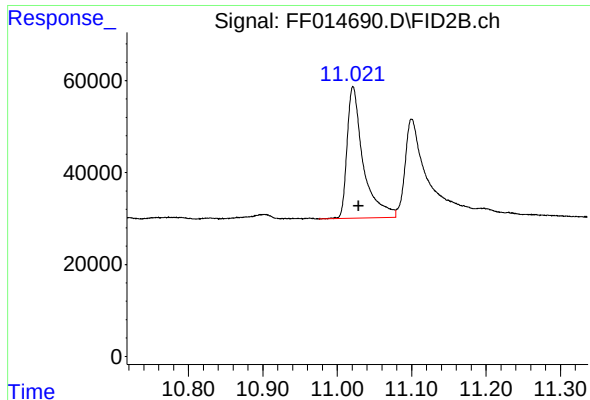
#7 Acenaphthene (C15.5)

R.T.: 8.824 min
Delta R.T.: -0.007 min
Response: 680504
Conc: 4.99 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.619 min
Delta R.T.: -0.007 min
Response: 448526
Conc: 3.75 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.022 min
Delta R.T.: -0.007 min
Response: 432125
Conc: 3.75 ug/ml

Instrument :

FID_F

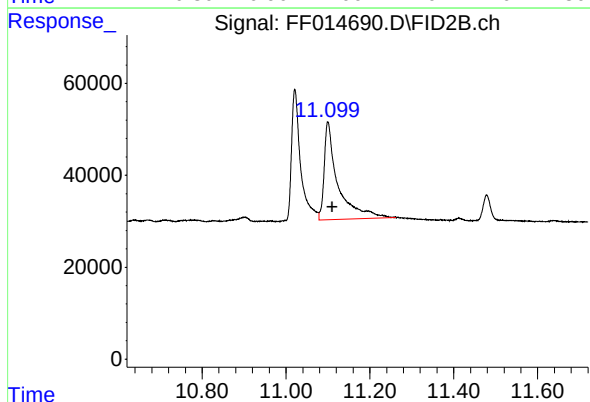
ClientSampleId :

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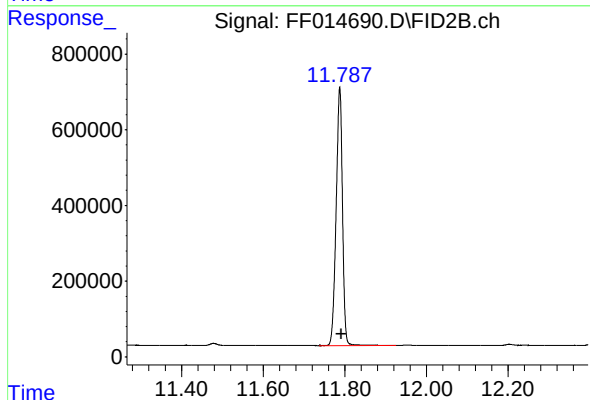
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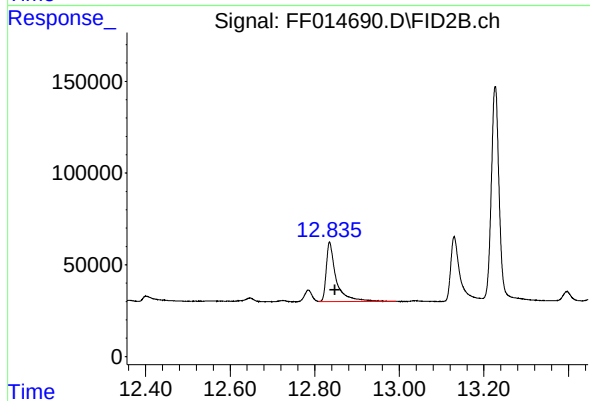
#10 Anthracene (C19.43)

R.T.: 11.100 min
Delta R.T.: -0.009 min
Response: 485126
Conc: 4.10 ug/ml



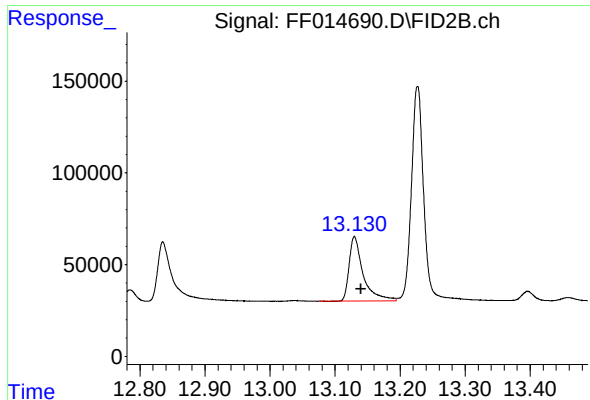
#11 ortho-Terphenyl (SURR)

R.T.: 11.788 min
Delta R.T.: -0.003 min
Response: 7338299
Conc: 53.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.836 min
Delta R.T.: -0.013 min
Response: 533400
Conc: 4.36 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.130 min
Delta R.T.: -0.010 min
Response: 528887
Conc: 4.26 ug/ml

Instrument :

FID_F

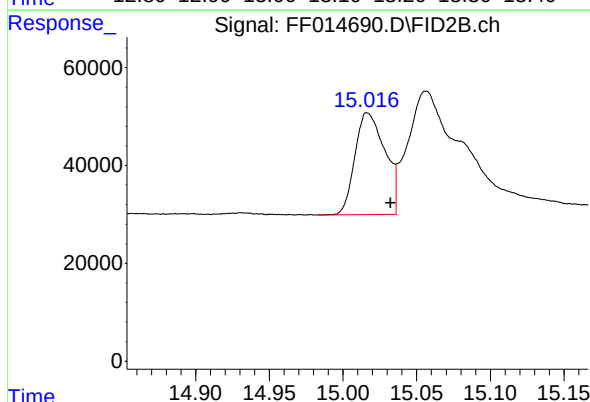
ClientSampleId :

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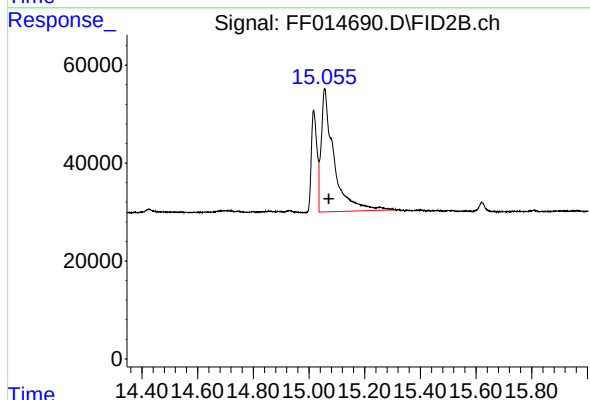
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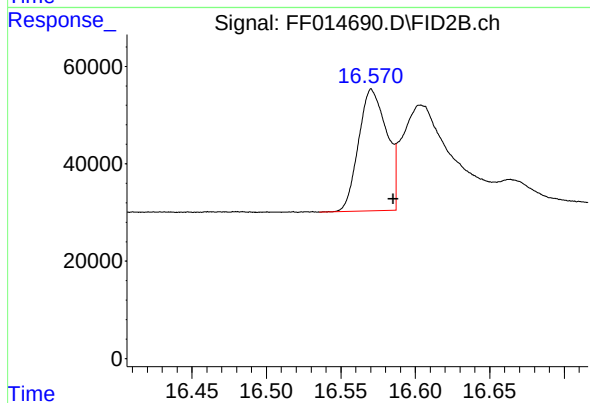
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.017 min
Delta R.T.: -0.015 min
Response: 295159
Conc: 3.34 ug/ml



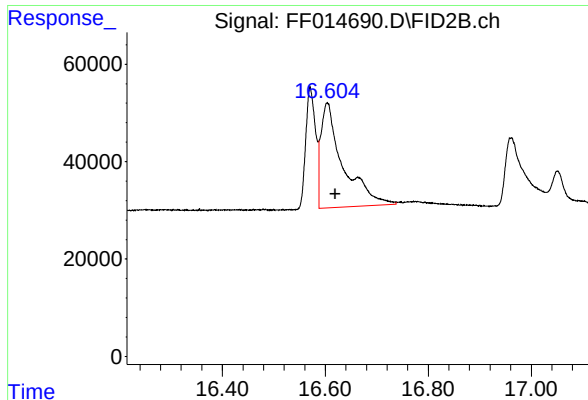
#15 Chrysene (C27.41)

R.T.: 15.057 min
Delta R.T.: -0.015 min
Response: 805390
Conc: 5.61 ug/ml



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

R.T.: 16.571 min
Delta R.T.: -0.014 min
Response: 330195
Conc: 3.42 ug/ml



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

R.T.: 16.604 min
Delta R.T.: -0.016 min
Response: 637445
Conc: 4.69 ug/ml

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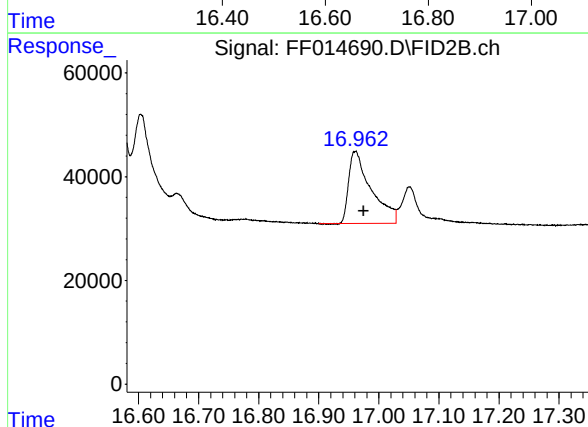
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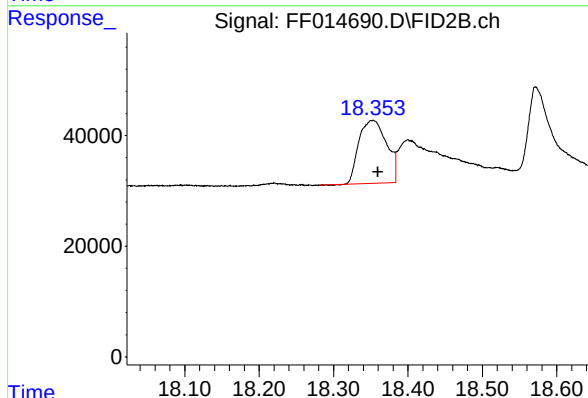
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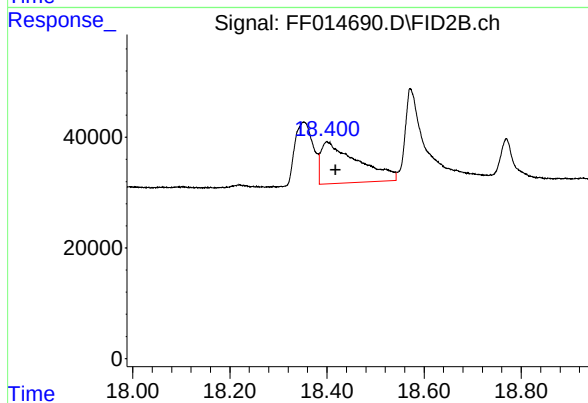
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.961 min
Delta R.T.: -0.014 min
Response: 360807
Conc: 3.29 ug/ml



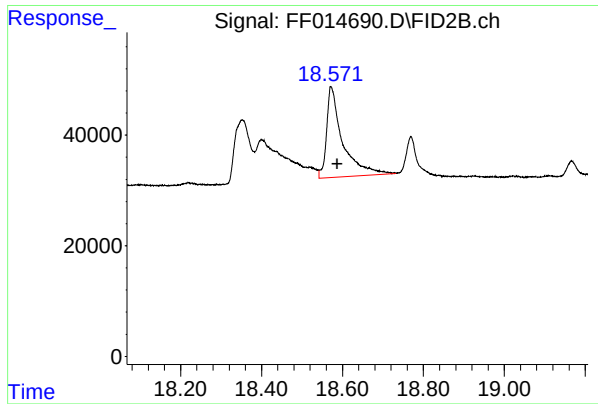
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.353 min
Delta R.T.: -0.007 min
Response: 295969
Conc: 4.62 ug/ml



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

R.T.: 18.401 min
Delta R.T.: -0.017 min
Response: 393848
Conc: 3.73 ug/ml



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

R.T.: 18.573 min
Delta R.T.: -0.015 min
Response: 448993
Conc: 3.69 ug/ml

Instrument :

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