

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014243.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 22:56
 Operator : YP\AJ
 Sample : P2403-08
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-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 04:53:03 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...	7.904	5520303	52.606 ug/ml
Spiked Amount 50.000		Recovery =	105.21%
6) S 2-Fluorobiphenyl (SURR)	8.775	3176111	52.482 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.96%
11) S ortho-Terphenyl (SURR)	11.838	6111188	43.295 ug/ml
Spiked Amount 50.000		Recovery =	86.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.517	546256	4.512 ug/ml
2) T Naphthalene (C11.7)	6.182	534991	4.569 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	536739	4.817 ug/mlm
5) T Acenaphthylene (C15.06)	8.573	630061	5.612 ug/ml
7) T Acenaphthene (C15.5)	8.871	770571	6.092 ug/ml
8) T Flouorene (C16.55)	9.662	551392	5.178 ug/ml
9) T Phenanthrene (C19.36)	11.065	504064	4.866 ug/ml
10) T Anthracene (C19.43)	11.142	483494	5.306 ug/ml
12) T Fluoranthene (C21.85)	12.883	604699	5.313 ug/ml
13) T Pyrene (C20.8)	13.179	611143	5.471 ug/mlm
14) T Benzo[a]anthracene (C...	15.064	350056	4.618 ug/ml
15) T Chrysene (C27.41)	15.104	722860	6.573 ug/ml
16) T benzo[b]fluoranthene ...	16.617	470280	4.686 ug/ml
17) T Bnezo[k]fluoranthene ...	16.649	715999	6.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.001	513564	4.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.376	355362	3.996 ug/mlm
20) T Dibenz[a,h]anthracene...	18.422	601839	5.659 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	608600	4.942 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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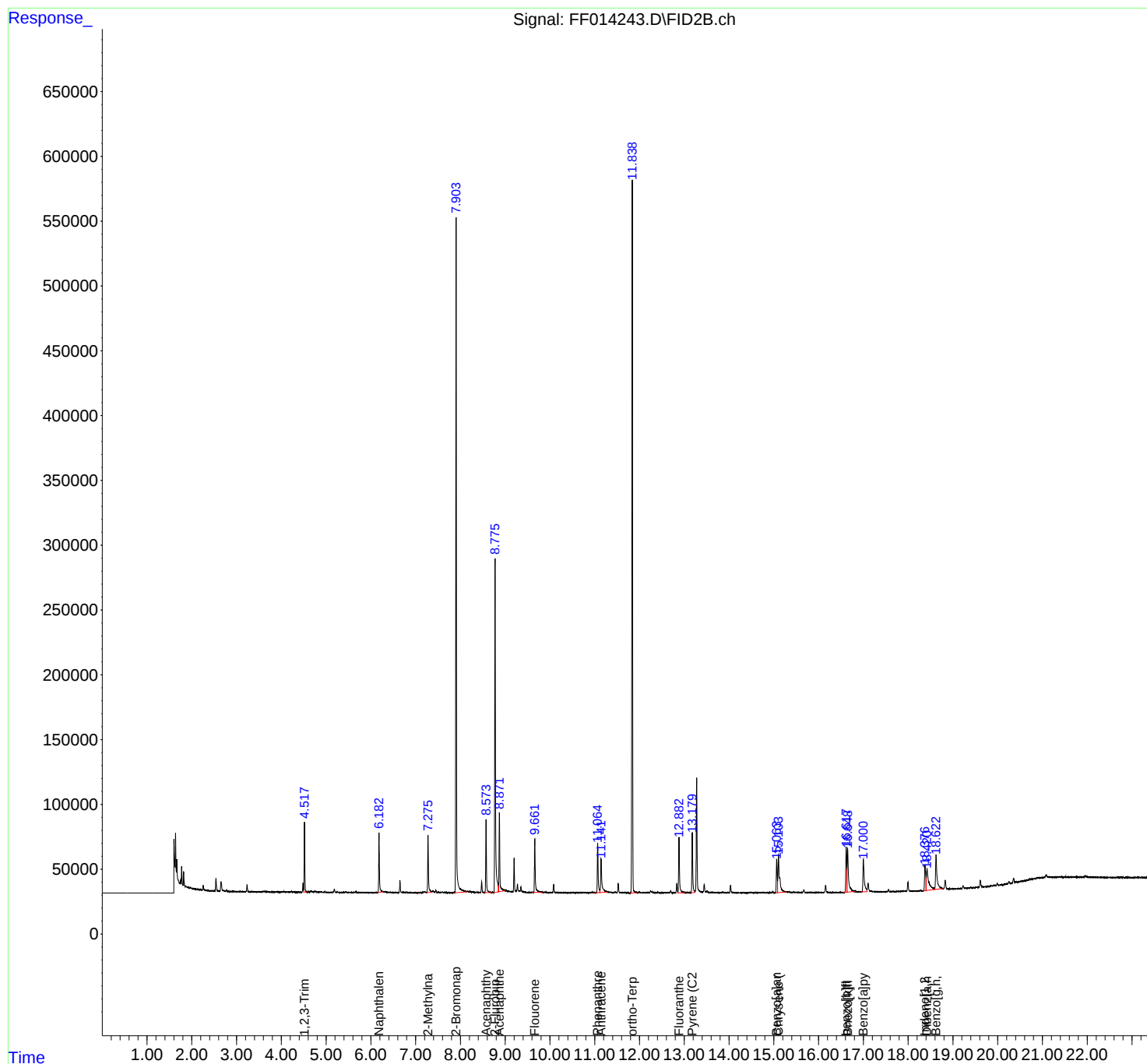
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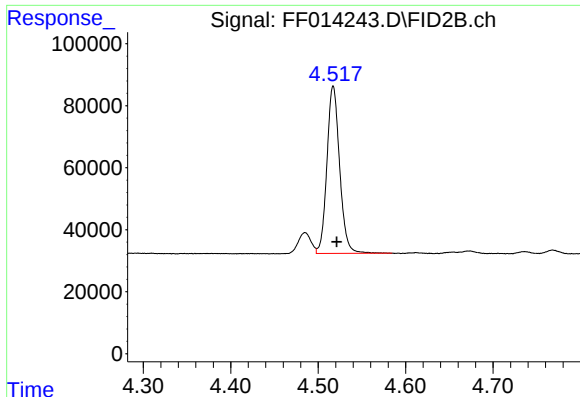
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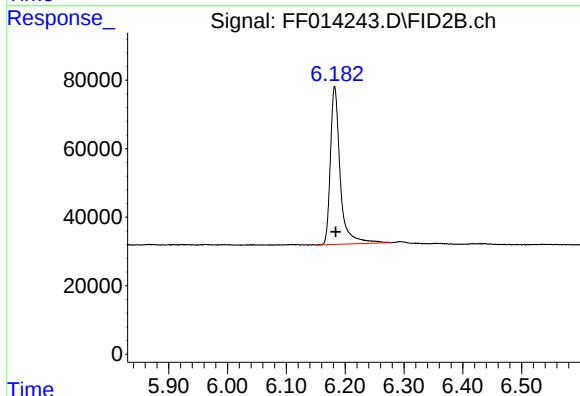
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 546256
Conc: 4.51 ug/ml

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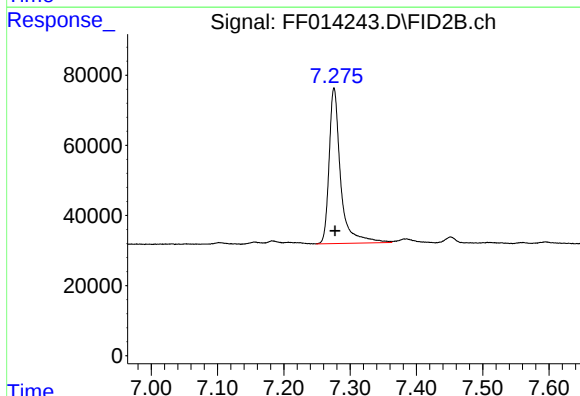
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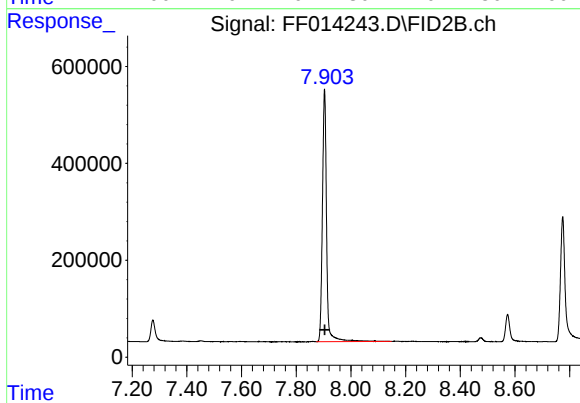
#2 Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 534991
Conc: 4.57 ug/ml



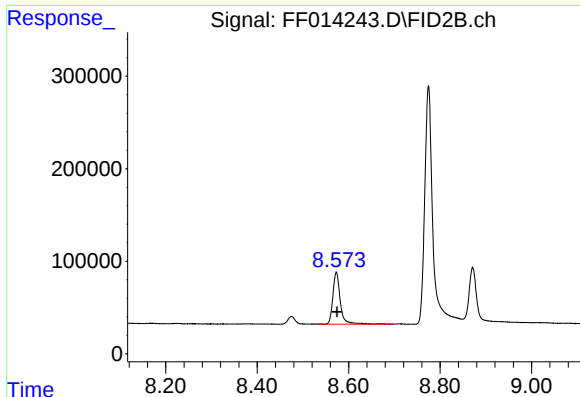
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 536739
Conc: 4.82 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 5520303
Conc: 52.61 ug/ml



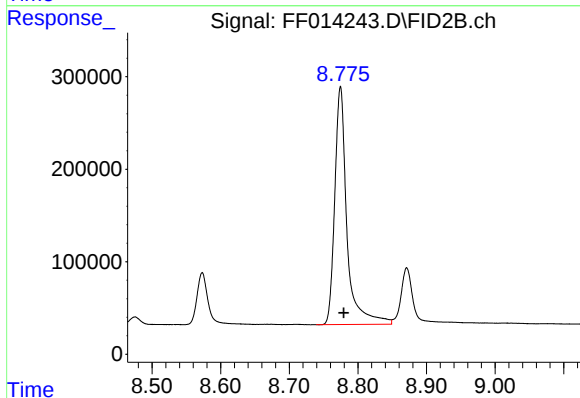
#5 Acenaphthylene (C15.06)

R.T.: 8.573 min
Delta R.T.: -0.002 min
Response: 630061
Conc: 5.61 ug/ml

Instrument : FID_F
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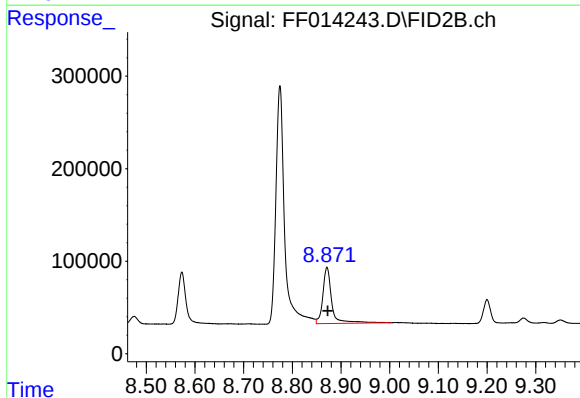
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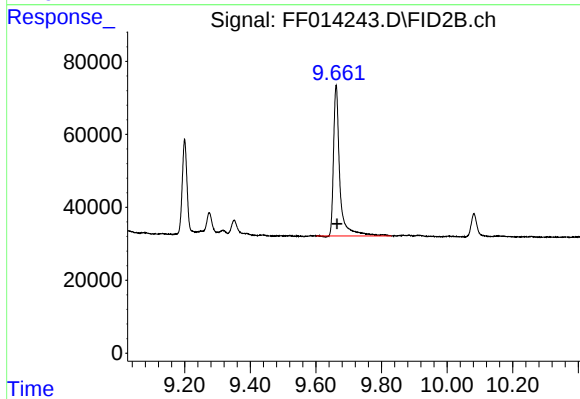
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 3176111
Conc: 52.48 ug/ml



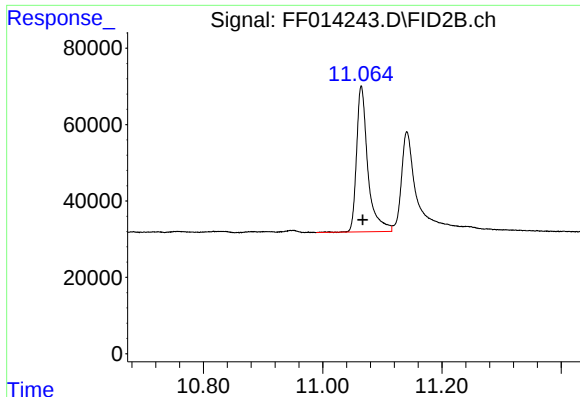
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: -0.002 min
Response: 770571
Conc: 6.09 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.662 min
Delta R.T.: -0.002 min
Response: 551392
Conc: 5.18 ug/ml



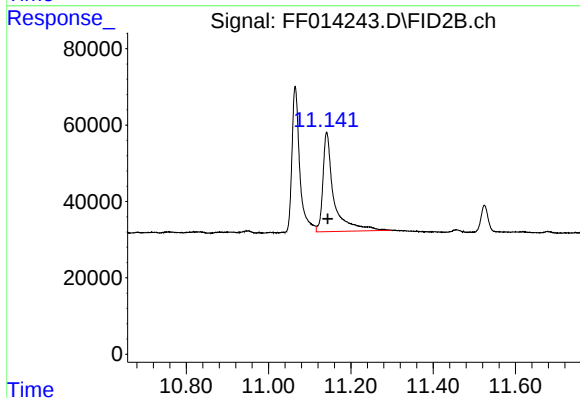
#9 Phenanthrene (C19.36)

R.T.: 11.065 min
Delta R.T.: -0.002 min
Response: 504064
Conc: 4.87 ug/ml

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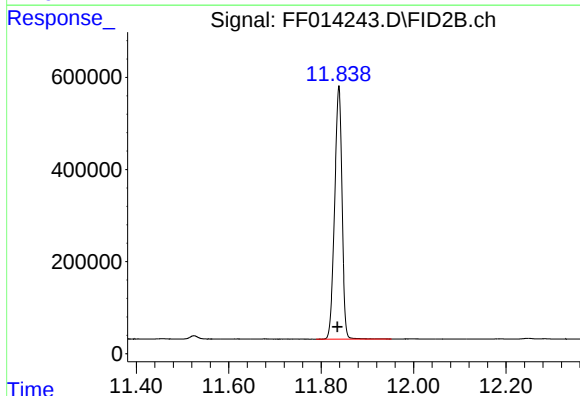
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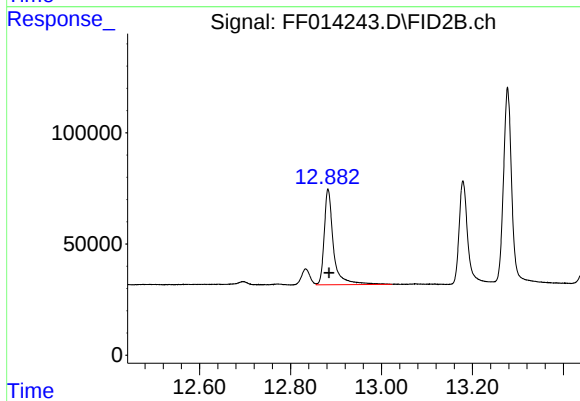
#10 Anthracene (C19.43)

R.T.: 11.142 min
Delta R.T.: -0.002 min
Response: 483494
Conc: 5.31 ug/ml



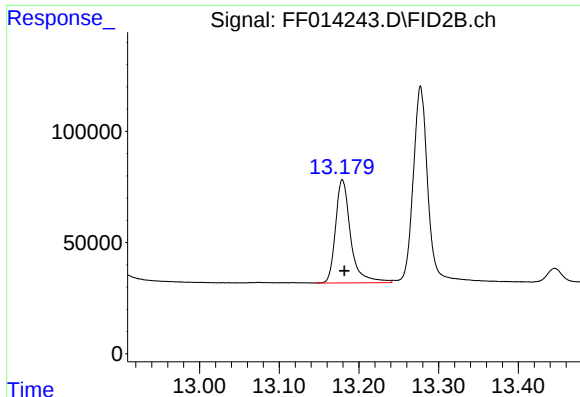
#11 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: 0.003 min
Response: 6111188
Conc: 43.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 604699
Conc: 5.31 ug/ml



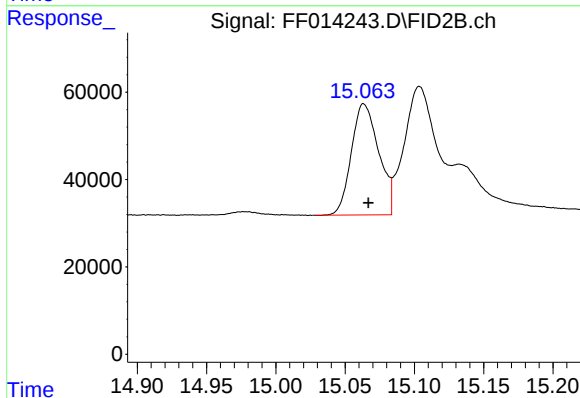
#13 Pyrene (C20.8)

R.T.: 13.179 min
Delta R.T.: -0.003 min
Response: 611143
Conc: 5.47 ug/ml

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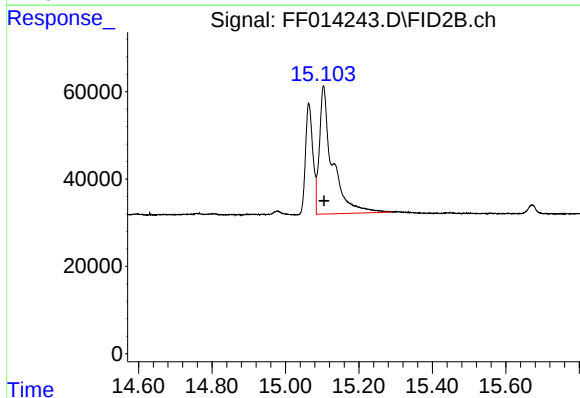
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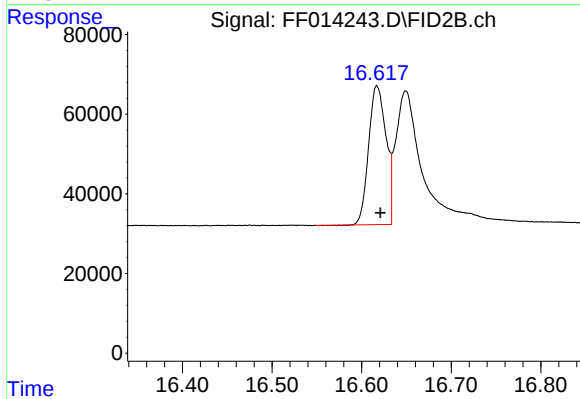
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.064 min
Delta R.T.: -0.003 min
Response: 350056
Conc: 4.62 ug/ml



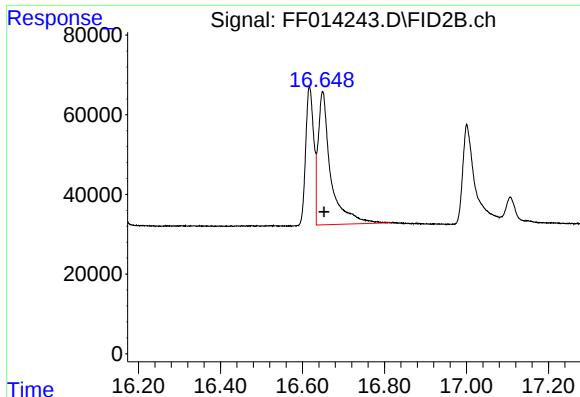
#15 Chrysene (C27.41)

R.T.: 15.104 min
Delta R.T.: -0.001 min
Response: 722860
Conc: 6.57 ug/ml



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

R.T.: 16.617 min
Delta R.T.: -0.003 min
Response: 470280
Conc: 4.69 ug/ml



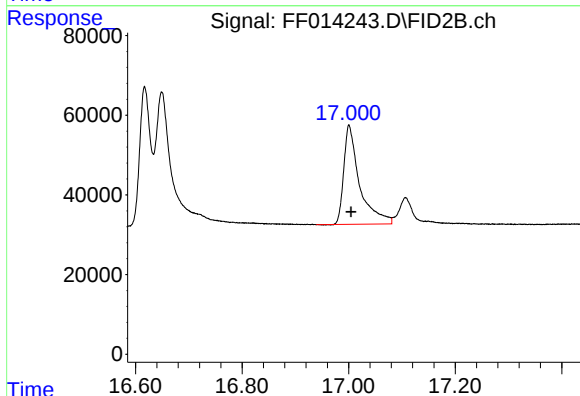
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.649 min
Delta R.T.: -0.003 min
Response: 715999
Conc: 6.05 ug/ml

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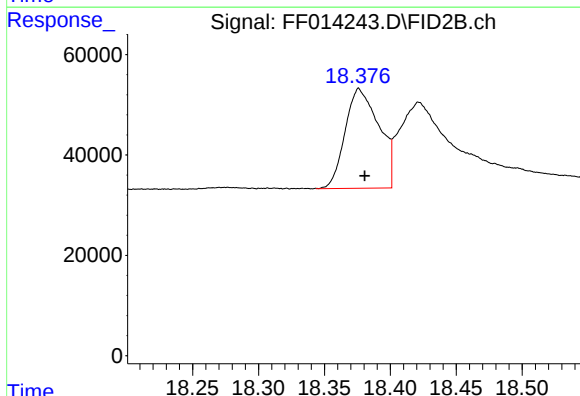
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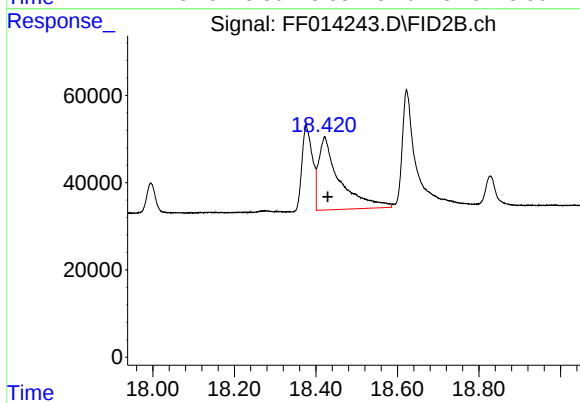
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.001 min
Delta R.T.: -0.003 min
Response: 513564
Conc: 4.89 ug/ml



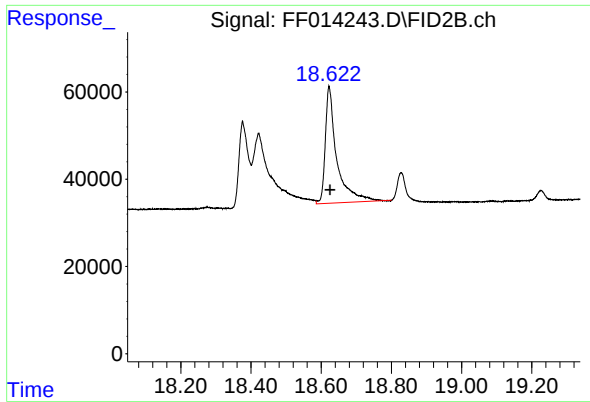
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.376 min
Delta R.T.: -0.005 min
Response: 355362
Conc: 4.00 ug/ml m



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

R.T.: 18.422 min
Delta R.T.: -0.007 min
Response: 601839
Conc: 5.66 ug/ml



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

R.T.: 18.623 min
Delta R.T.: -0.003 min
Response: 608600
Conc: 4.94 ug/ml

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