

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014239.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 20:59
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-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 04:52:21 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...	7.905	7728973	73.653 ug/ml
Spiked Amount 50.000		Recovery =	147.31%
6) S 2-Fluorobiphenyl (SURR)	8.775	4527198	74.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	149.61%#
11) S ortho-Terphenyl (SURR)	11.840	8027525	56.872 ug/ml
Spiked Amount 50.000		Recovery =	113.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	508046	4.197 ug/ml
2) T Naphthalene (C11.7)	6.182	489289	4.178 ug/ml
3) T 2-Methylnaphthalene (...)	7.276	504260	4.525 ug/ml
5) T Acenaphthylene (C15.06)	8.573	534068	4.757 ug/ml
7) T Acenaphthene (C15.5)	8.871	726937	5.747 ug/ml
8) T Flouorene (C16.55)	9.662	508478	4.775 ug/ml
9) T Phenanthrene (C19.36)	11.064	437918	4.228 ug/mlm
10) T Anthracene (C19.43)	11.141	424743	4.661 ug/mlm
12) T Fluoranthene (C21.85)	12.883	542094	4.763 ug/ml
13) T Pyrene (C20.8)	13.180	544360	4.874 ug/ml
14) T Benzo[a]anthracene (C...	15.066	295314	3.896 ug/ml
15) T Chrysene (C27.41)	15.106	634640	5.771 ug/mlm
16) T benzo[b]fluoranthene ...	16.619	410700	4.092 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.652	626246	5.293 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.004	428133	4.078 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.379	298369	3.355 ug/mlm
20) T Dibenz[a,h]anthracene...	18.423	463746	4.361 ug/ml
21) T Benzo[g,h,i]perylene ...	18.625	528904	4.295 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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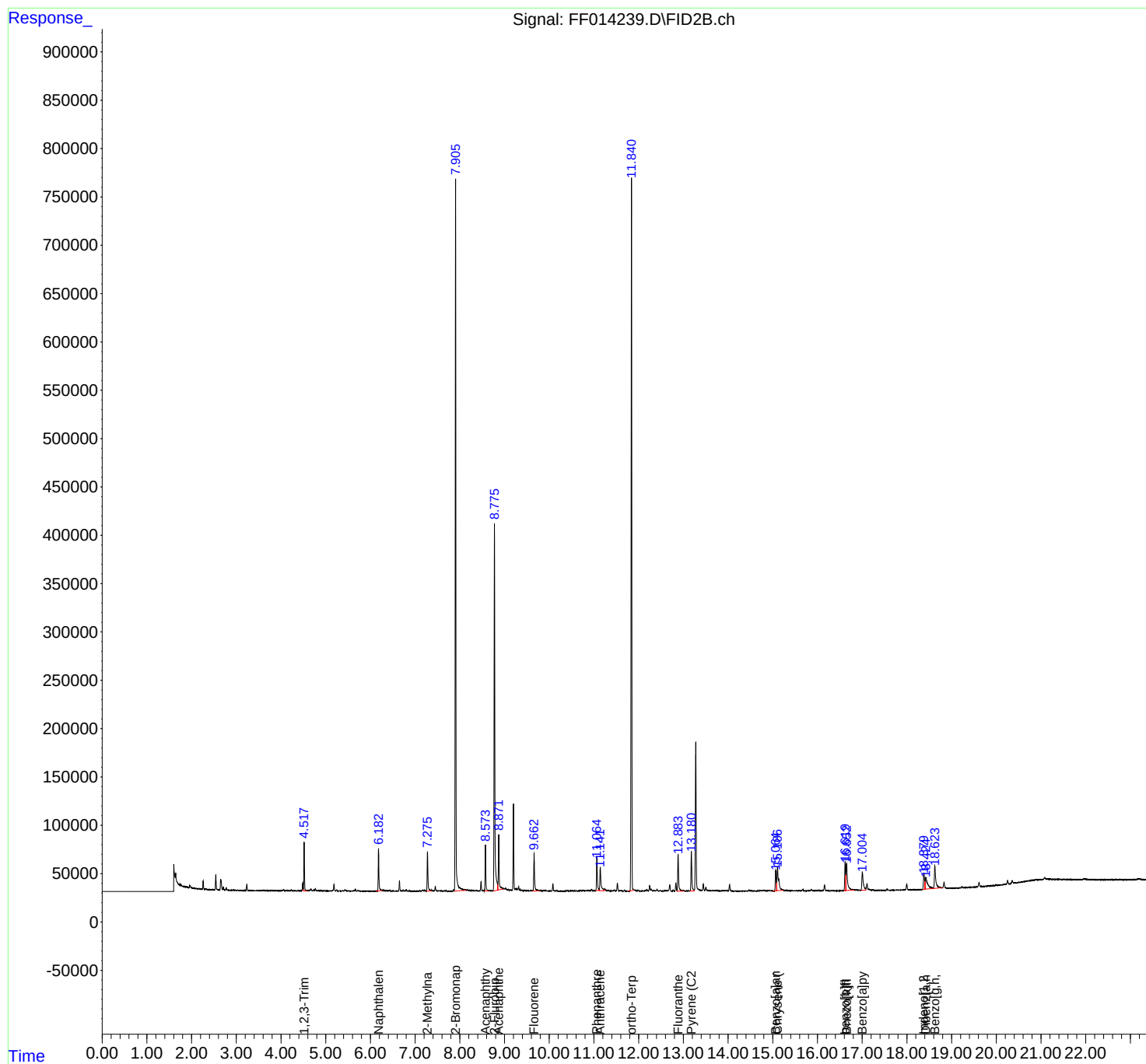
Instrument :
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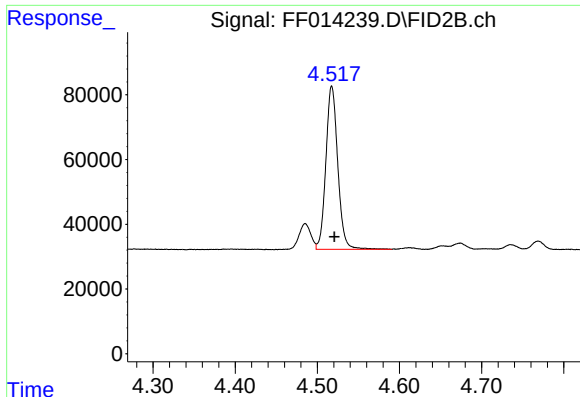
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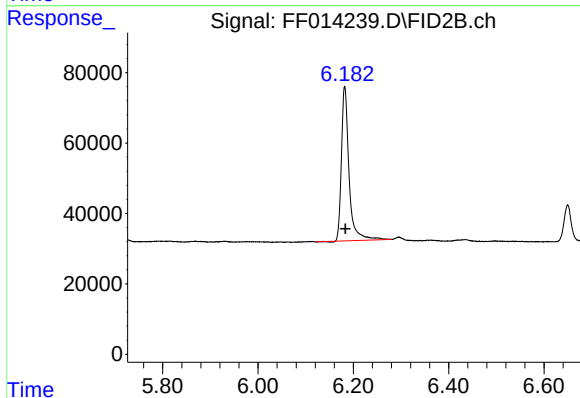
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 508046
Conc: 4.20 ug/ml

Instrument :
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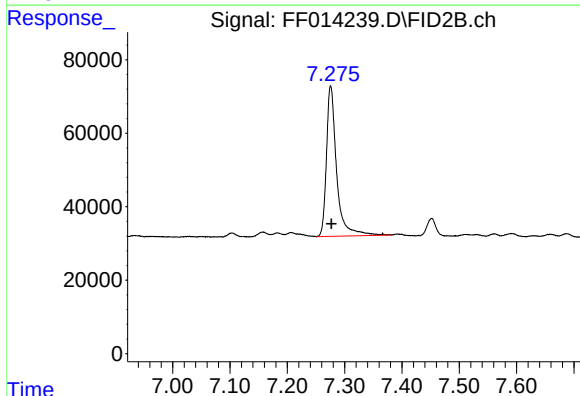
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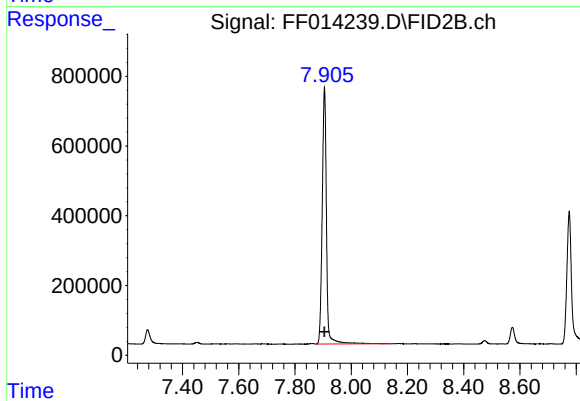
#2 Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 489289
Conc: 4.18 ug/ml



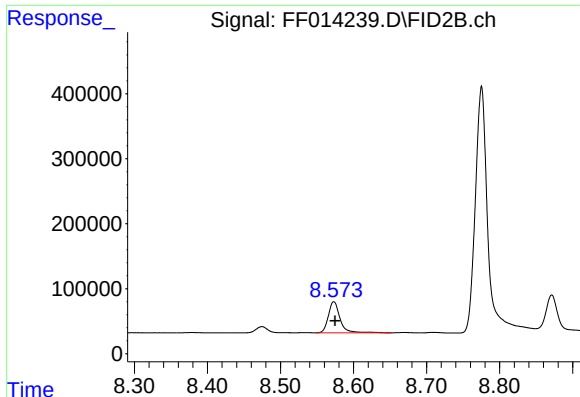
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 504260
Conc: 4.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 7728973
Conc: 73.65 ug/ml



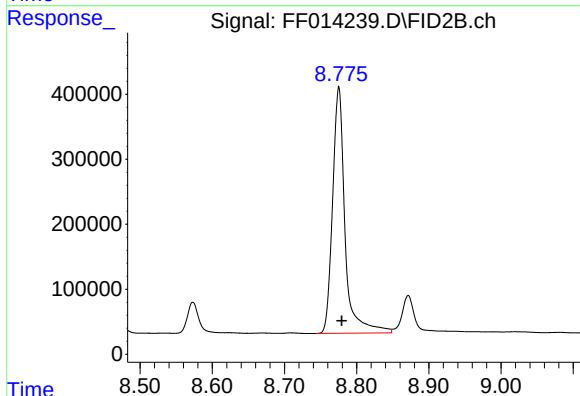
#5 Acenaphthylene (C15.06)

R.T.: 8.573 min
Delta R.T.: -0.002 min
Response: 534068
Conc: 4.76 ug/ml

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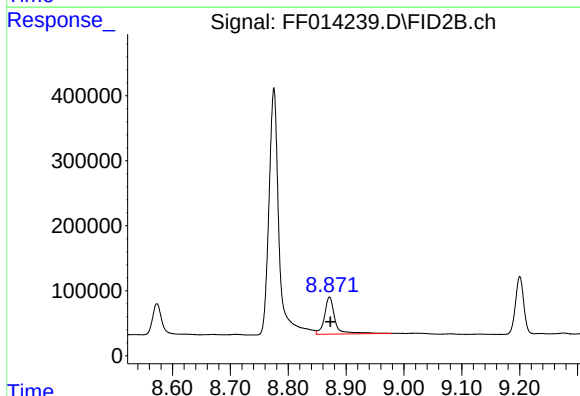
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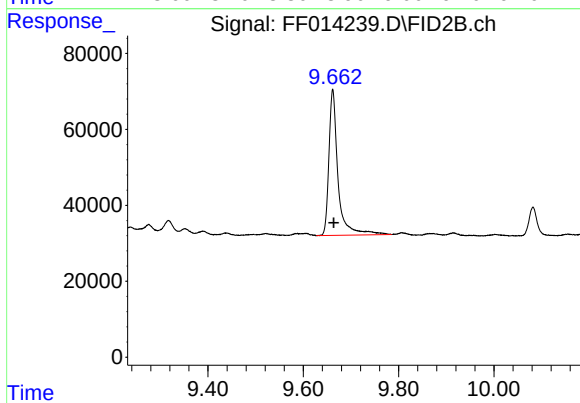
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: -0.004 min
Response: 4527198
Conc: 74.81 ug/ml



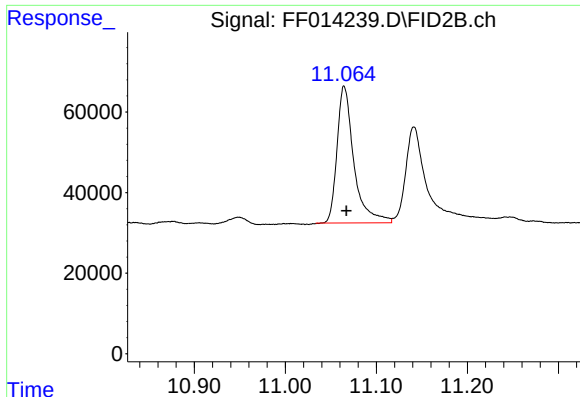
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: -0.002 min
Response: 726937
Conc: 5.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.662 min
Delta R.T.: -0.002 min
Response: 508478
Conc: 4.78 ug/ml



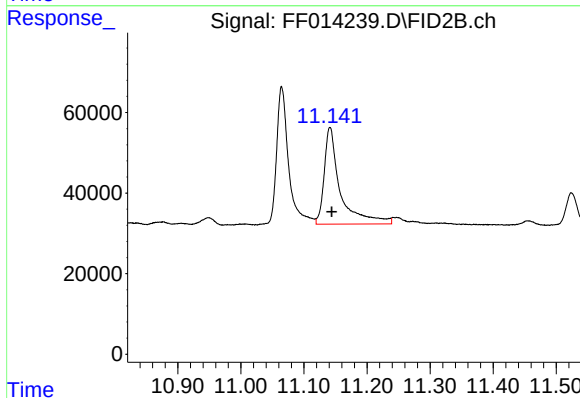
#9 Phenanthrene (C19.36)

R.T.: 11.064 min
Delta R.T.: -0.003 min
Response: 437918
Conc: 4.23 ug/ml

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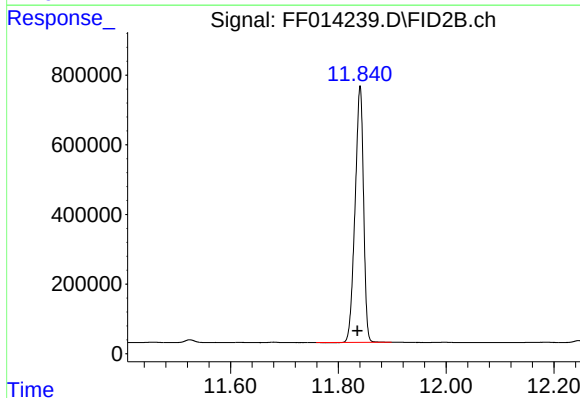
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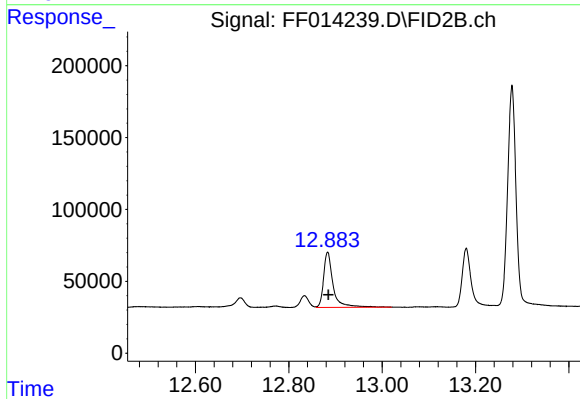
#10 Anthracene (C19.43)

R.T.: 11.141 min
Delta R.T.: -0.003 min
Response: 424743
Conc: 4.66 ug/ml m



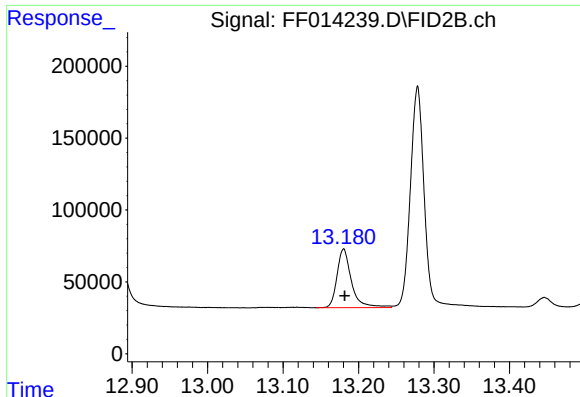
#11 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: 0.005 min
Response: 8027525
Conc: 56.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.883 min
Delta R.T.: -0.001 min
Response: 542094
Conc: 4.76 ug/ml



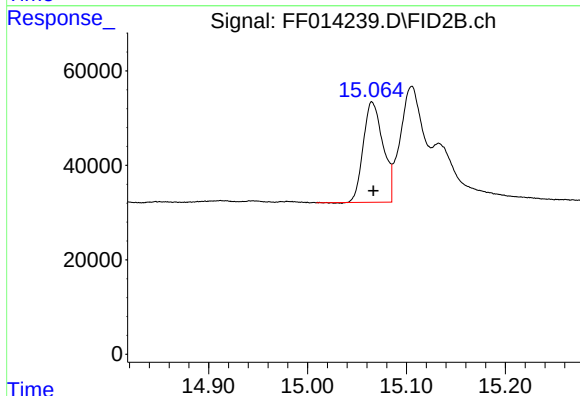
#13 Pyrene (C20.8)

R.T.: 13.180 min
Delta R.T.: -0.001 min
Response: 544360
Conc: 4.87 ug/ml

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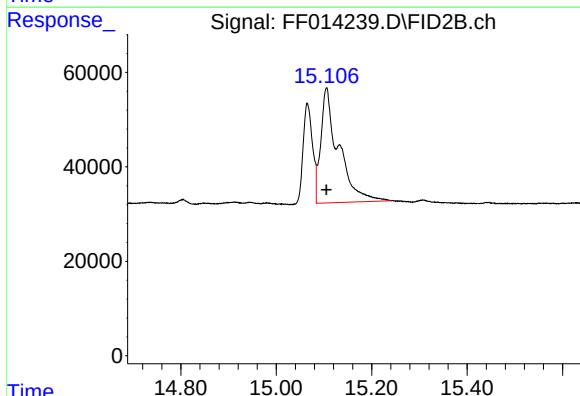
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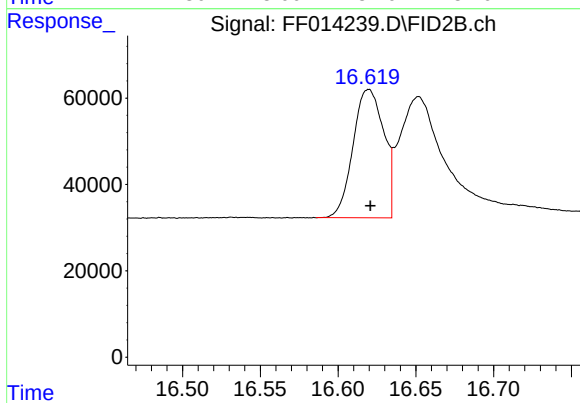
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.066 min
Delta R.T.: -0.001 min
Response: 295314
Conc: 3.90 ug/ml



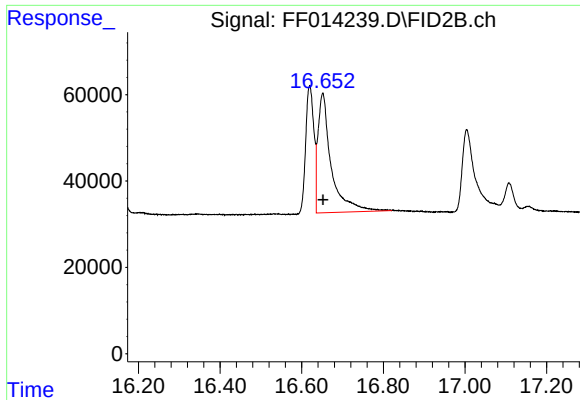
#15 Chrysene (C27.41)

R.T.: 15.106 min
Delta R.T.: 0.000 min
Response: 634640
Conc: 5.77 ug/ml m



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

R.T.: 16.619 min
Delta R.T.: -0.002 min
Response: 410700
Conc: 4.09 ug/ml m



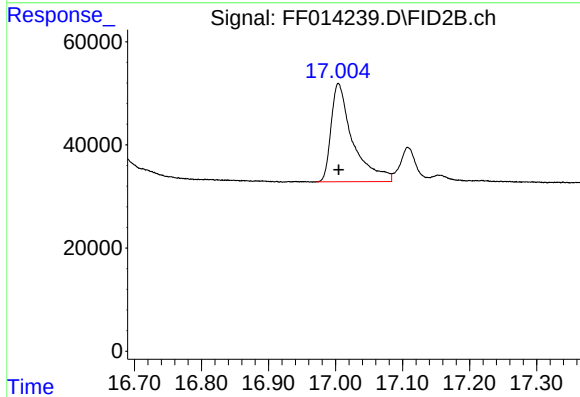
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.652 min
Delta R.T.: 0.000 min
Response: 626246
Conc: 5.29 ug/ml

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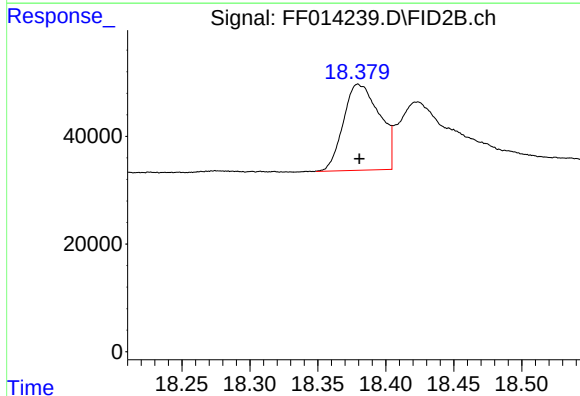
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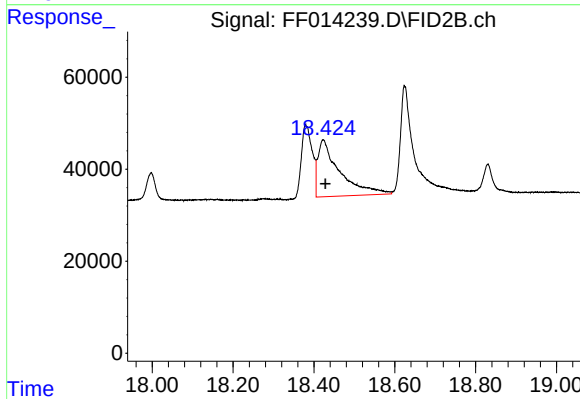
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.004 min
Delta R.T.: 0.000 min
Response: 428133
Conc: 4.08 ug/ml m



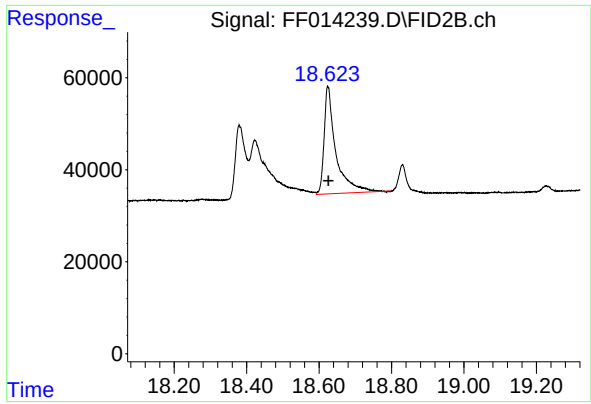
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.379 min
Delta R.T.: -0.001 min
Response: 298369
Conc: 3.36 ug/ml m



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

R.T.: 18.423 min
Delta R.T.: -0.006 min
Response: 463746
Conc: 4.36 ug/ml



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

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 528904
Conc: 4.30 ug/ml

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