

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039431.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 20:28
 Operator : AJ\MA
 Sample : M4592-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTE-117MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: sample.E
 Quant Time: Nov 12 23:12:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.758	9367782	80.738 ug/ml
Spiked Amount 50.000		Recovery =	161.48%
6) S 2-Fluorobiphenyl (SURR)	8.634	3829701	47.769 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.54%
11) S ortho-Terphenyl (SURR)	11.683	5479537	42.961 ug/mlm
Spiked Amount 50.000		Recovery =	85.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	3584730	29.127 ug/ml
2) T Naphthalene (C11.7)	6.089	5099835	39.349 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	13753874	103.561 ug/mlm
5) T Acenaphthylene (C15.06)	8.432	16376386	132.686 ug/mlm
7) T Acenaphthene (C15.5)	8.732	7731609	59.273 ug/mlm
8) T Fluorene (C16.55)	9.521	7337171	56.664 ug/mlm
9) T Phenanthrene (C19.36)	10.930	10980561	85.027 ug/mlm
10) T Anthracene (C19.43)	11.001	7951899	62.157 ug/mlm
12) T Fluoranthene (C21.85)	12.741	8227221	63.146 ug/mlm
13) T Pyrene (C20.8)	13.036	6913367	54.667 ug/mlm
14) T Benzo[a]anthracene (C...	14.899	5149278	43.535 ug/ml
15) T Chrysene (C27.41)	14.942	5564417	44.238 ug/mlm
16) T benzo[b]fluoranthene ...	16.454	5834356	49.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.486	4987497	42.382 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.833	5183908	45.545 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	5060139	47.266 ug/ml
20) T Dibenz[a,h]anthracene...	18.236	4695587	44.041 ug/ml
21) T Benzo[g,h,i]perylene ...	18.460	5261382	49.857 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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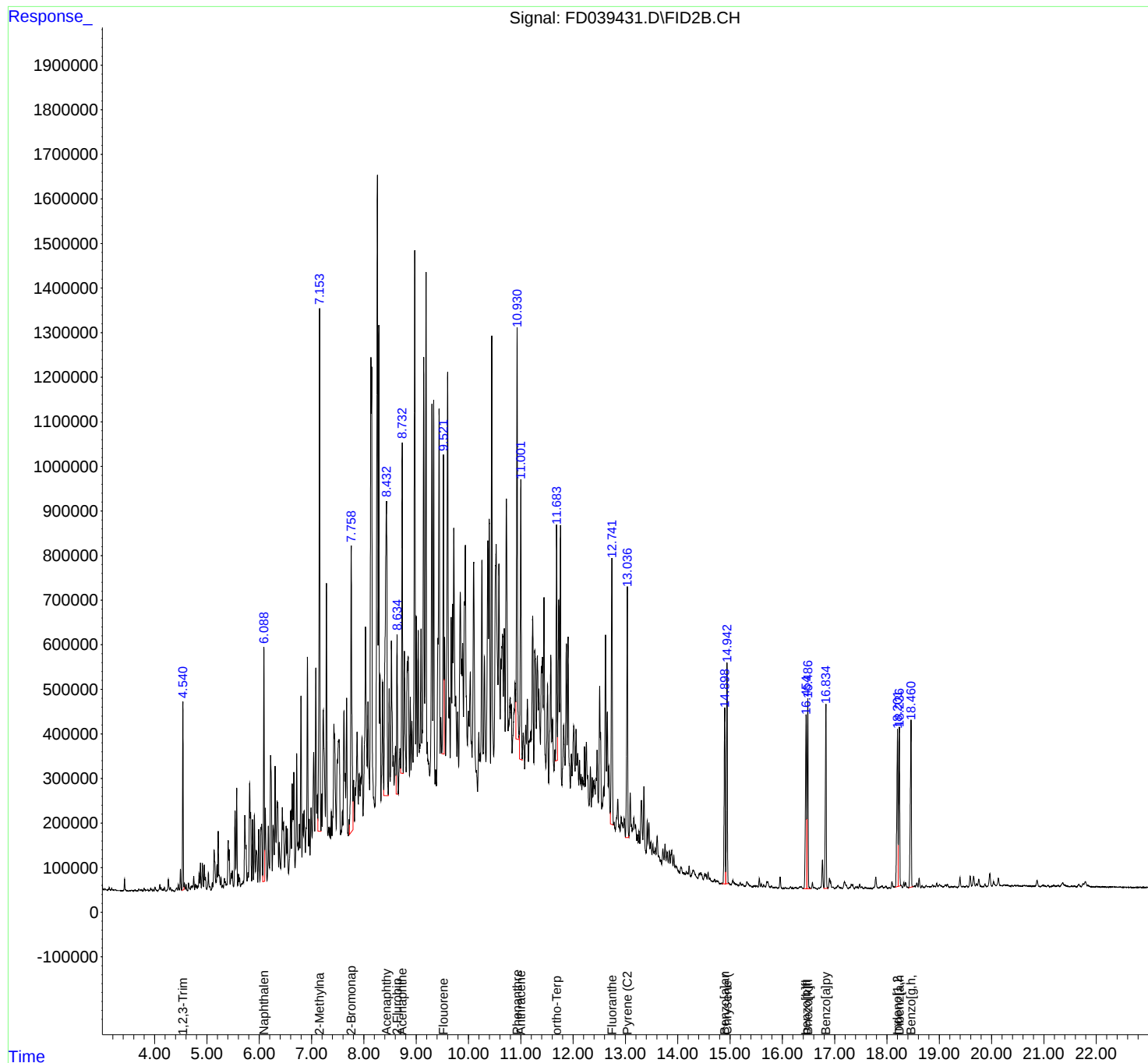
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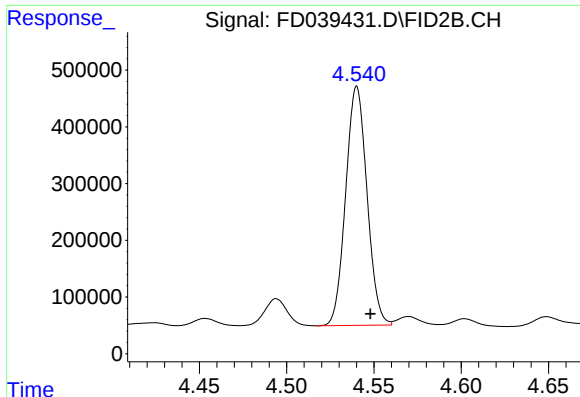
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 3584730
Conc: 29.13 ug/ml

Instrument :

FID_D

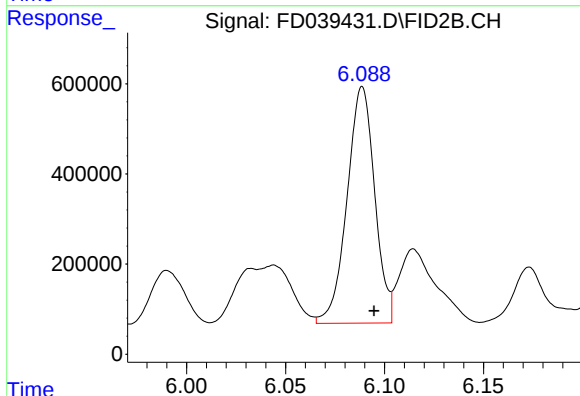
ClientSampleId :

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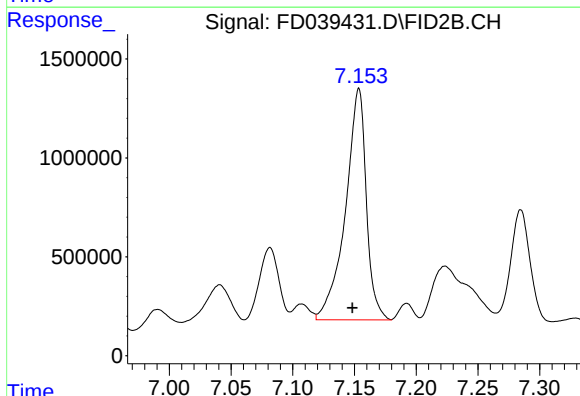
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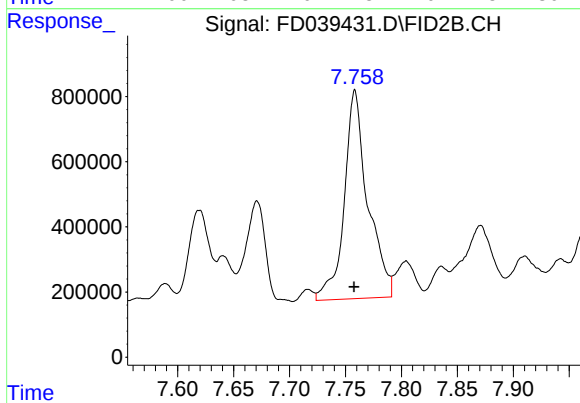
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 5099835
Conc: 39.35 ug/ml



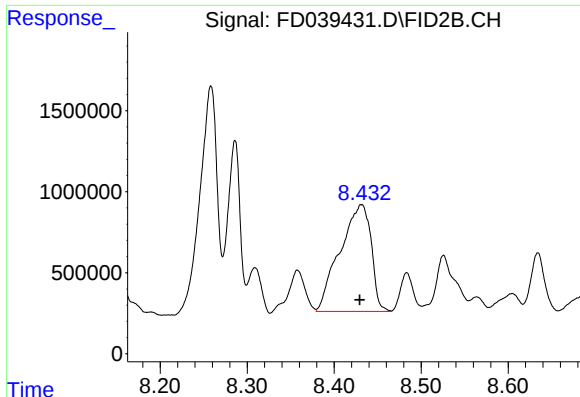
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: 0.005 min
Response: 13753874
Conc: 103.56 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 9367782
Conc: 80.74 ug/ml



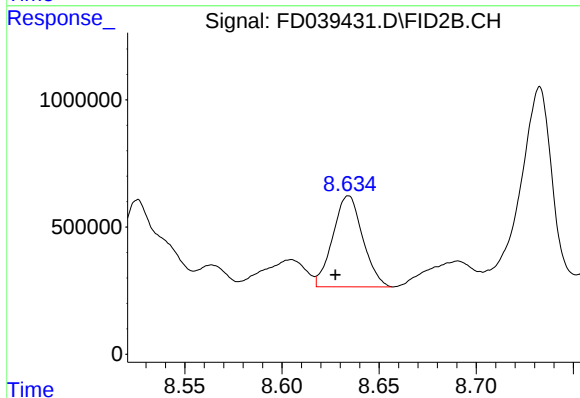
#5 Acenaphthylene (C15.06)

R.T.: 8.432 min
Delta R.T.: 0.003 min
Response: 16376386
Conc: 132.69 ug/ml

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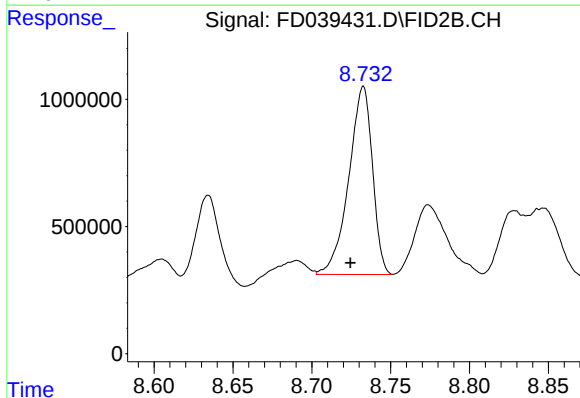
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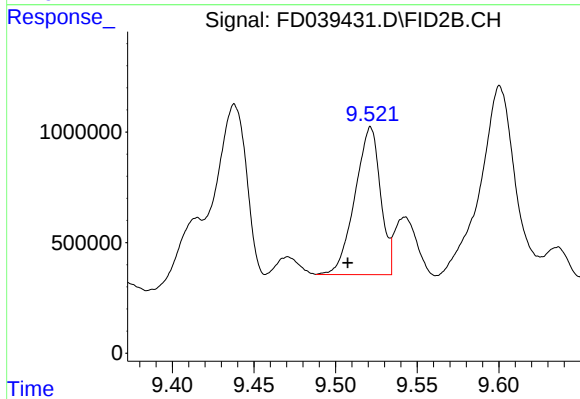
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.634 min
Delta R.T.: 0.006 min
Response: 3829701
Conc: 47.77 ug/ml m



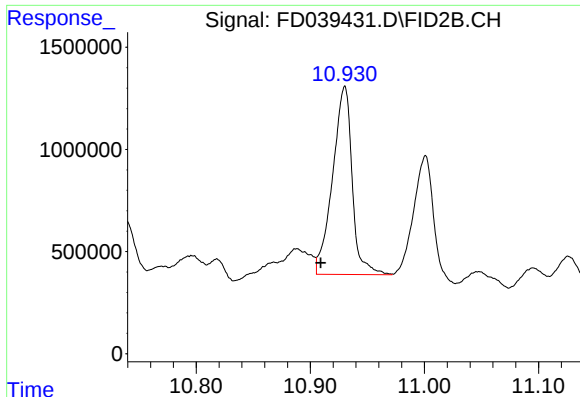
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.008 min
Response: 7731609
Conc: 59.27 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.521 min
Delta R.T.: 0.014 min
Response: 7337171
Conc: 56.66 ug/ml m



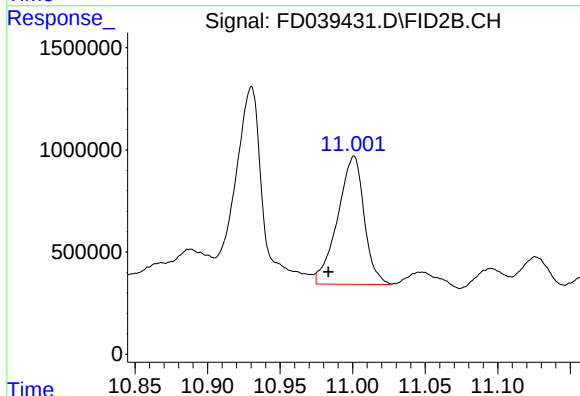
#9 Phenanthrene (C19.36)

R.T.: 10.930 min
Delta R.T.: 0.021 min
Response: 10980561
Conc: 85.03 ug/ml

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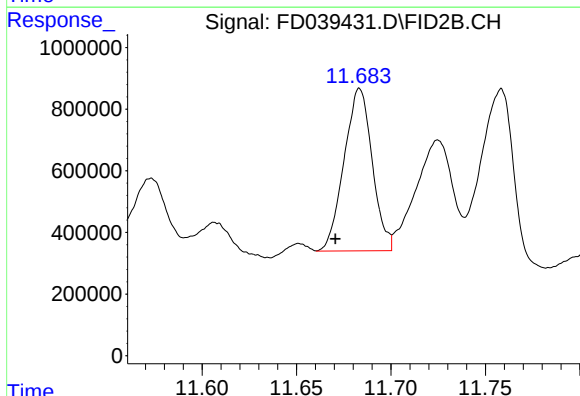
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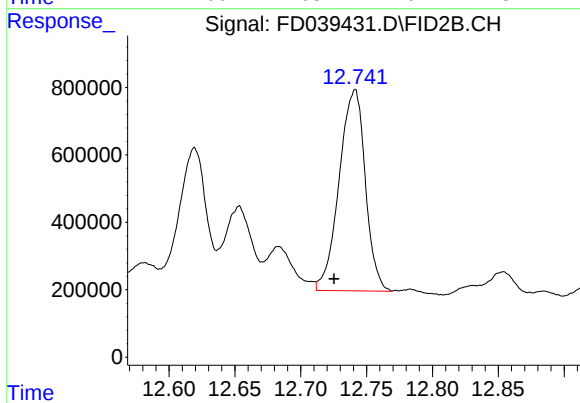
#10 Anthracene (C19.43)

R.T.: 11.001 min
Delta R.T.: 0.017 min
Response: 7951899
Conc: 62.16 ug/ml m



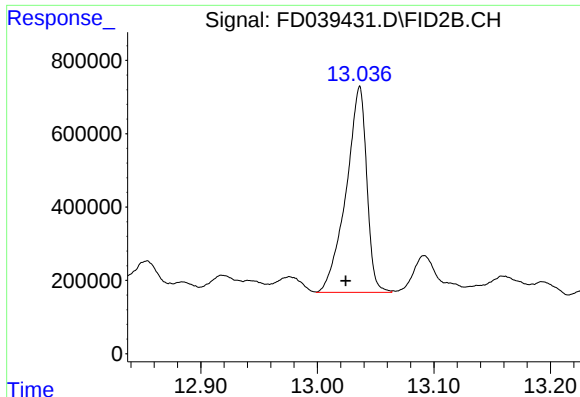
#11 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.012 min
Response: 5479537
Conc: 42.96 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.741 min
Delta R.T.: 0.016 min
Response: 8227221
Conc: 63.15 ug/ml m



#13 Pyrene (C20.8)

R.T.: 13.036 min
Delta R.T.: 0.012 min
Response: 6913367
Conc: 54.67 ug/ml

Instrument :

FID_D

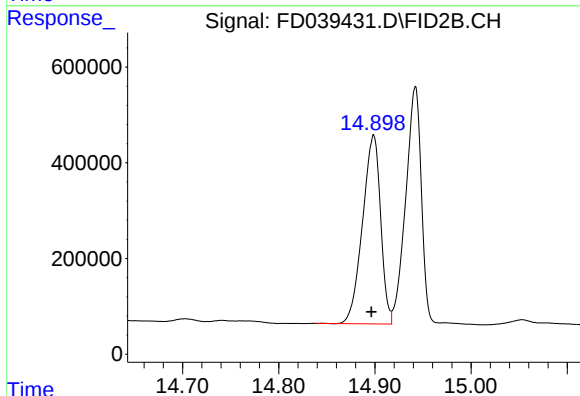
ClientSampleId :

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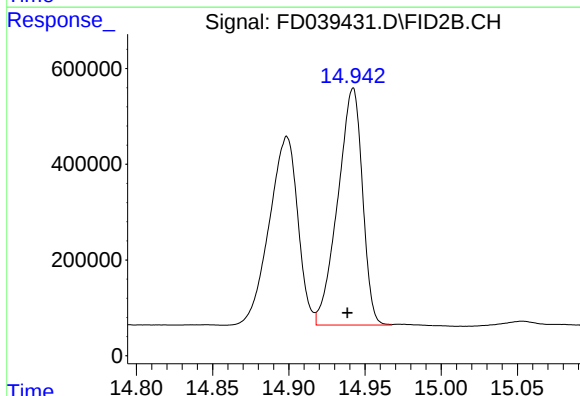
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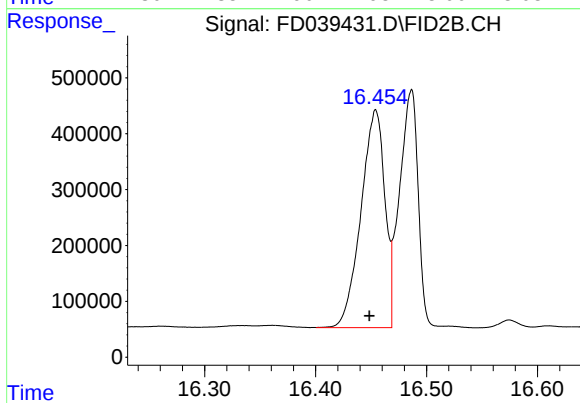
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.002 min
Response: 5149278
Conc: 43.53 ug/ml



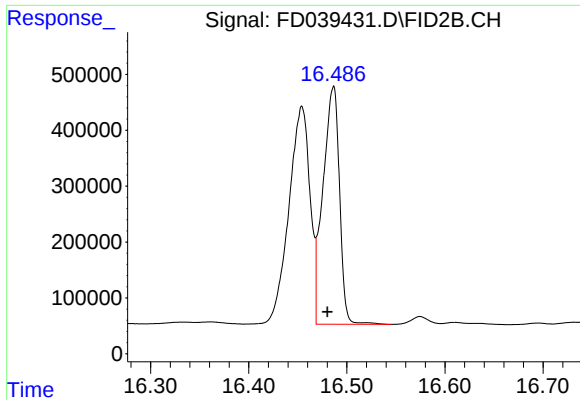
#15 Chrysene (C27.41)

R.T.: 14.942 min
Delta R.T.: 0.004 min
Response: 5564417
Conc: 44.24 ug/ml m



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

R.T.: 16.454 min
Delta R.T.: 0.006 min
Response: 5834356
Conc: 49.73 ug/ml



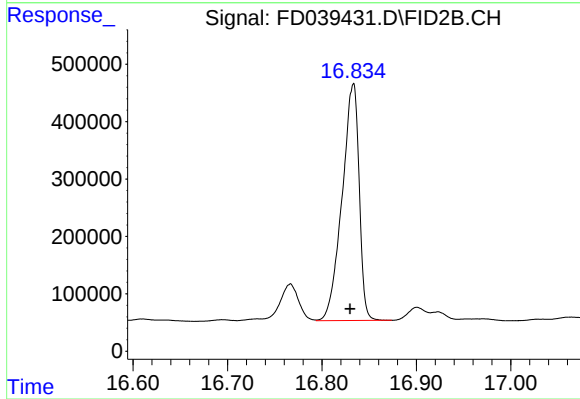
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.486 min
Delta R.T.: 0.006 min
Response: 4987497
Conc: 42.38 ug/ml

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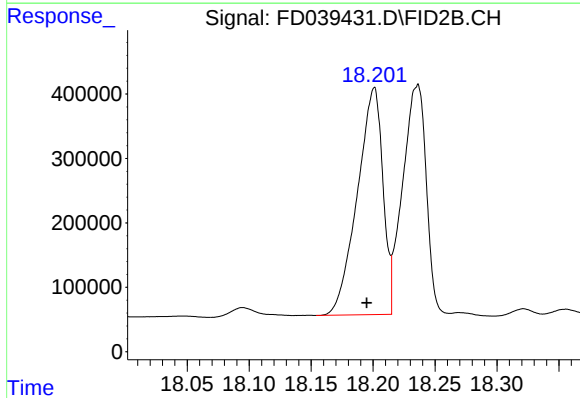
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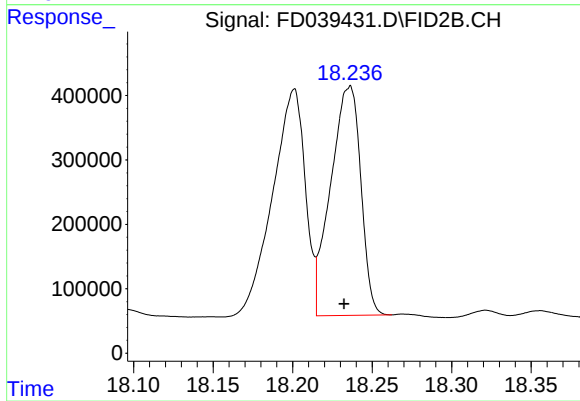
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.833 min
Delta R.T.: 0.003 min
Response: 5183908
Conc: 45.55 ug/ml



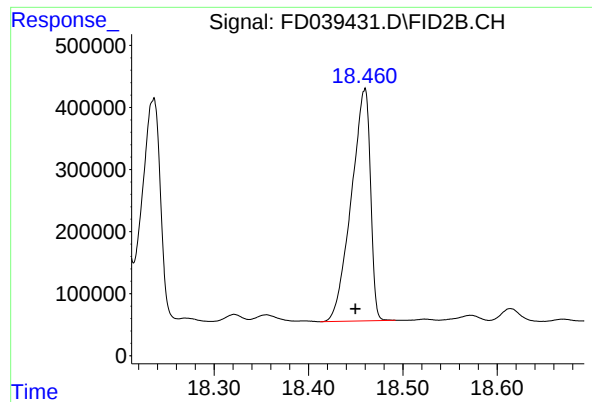
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.006 min
Response: 5060139
Conc: 47.27 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.003 min
Response: 4695587
Conc: 44.04 ug/ml



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

R.T.: 18.460 min
Delta R.T.: 0.010 min
Response: 5261382
Conc: 49.86 ug/ml

Instrument :

FID_D

ClientSampleId :

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