

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039432.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 21:08
 Operator : AJ\MA
 Sample : M4592-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTE-117MSD

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 23:12:48 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	8740142	75.329 ug/mlm
Spiked Amount 50.000		Recovery =	150.66%
6) S 2-Fluorobiphenyl (SURR)	8.633	3840641	47.905 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.81%
11) S ortho-Terphenyl (SURR)	11.682	5497013	43.098 ug/mlm
Spiked Amount 50.000		Recovery =	86.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	3549585	28.841 ug/ml
2) T Naphthalene (C11.7)	6.089	5377761	41.493 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	13546103	101.997 ug/mlm
5) T Acenaphthylene (C15.06)	8.431	16273277	131.850 ug/mlm
7) T Acenaphthene (C15.5)	8.732	7735322	59.301 ug/mlm
8) T Flouorene (C16.55)	9.521	7316394	56.504 ug/mlm
9) T Phenanthrene (C19.36)	10.931	11242231	87.054 ug/mlm
10) T Anthracene (C19.43)	11.000	7969015	62.291 ug/mlm
12) T Fluoranthene (C21.85)	12.741	8324529	63.893 ug/mlm
13) T Pyrene (C20.8)	13.035	6952748	54.979 ug/mlm
14) T Benzo[a]anthracene (C...	14.898	5132924	43.397 ug/ml
15) T Chrysene (C27.41)	14.942	5576054	44.330 ug/mlm
16) T benzo[b]fluoranthene ...	16.453	5813065	49.546 ug/ml
17) T Bnezo[k]fluoranthene ...	16.486	4977957	42.301 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	5172203	45.442 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.202	5065953	47.321 ug/ml
20) T Dibenz[a,h]anthracene...	18.237	4688559	43.975 ug/ml
21) T Benzo[g,h,i]perylene ...	18.461	5272935	49.966 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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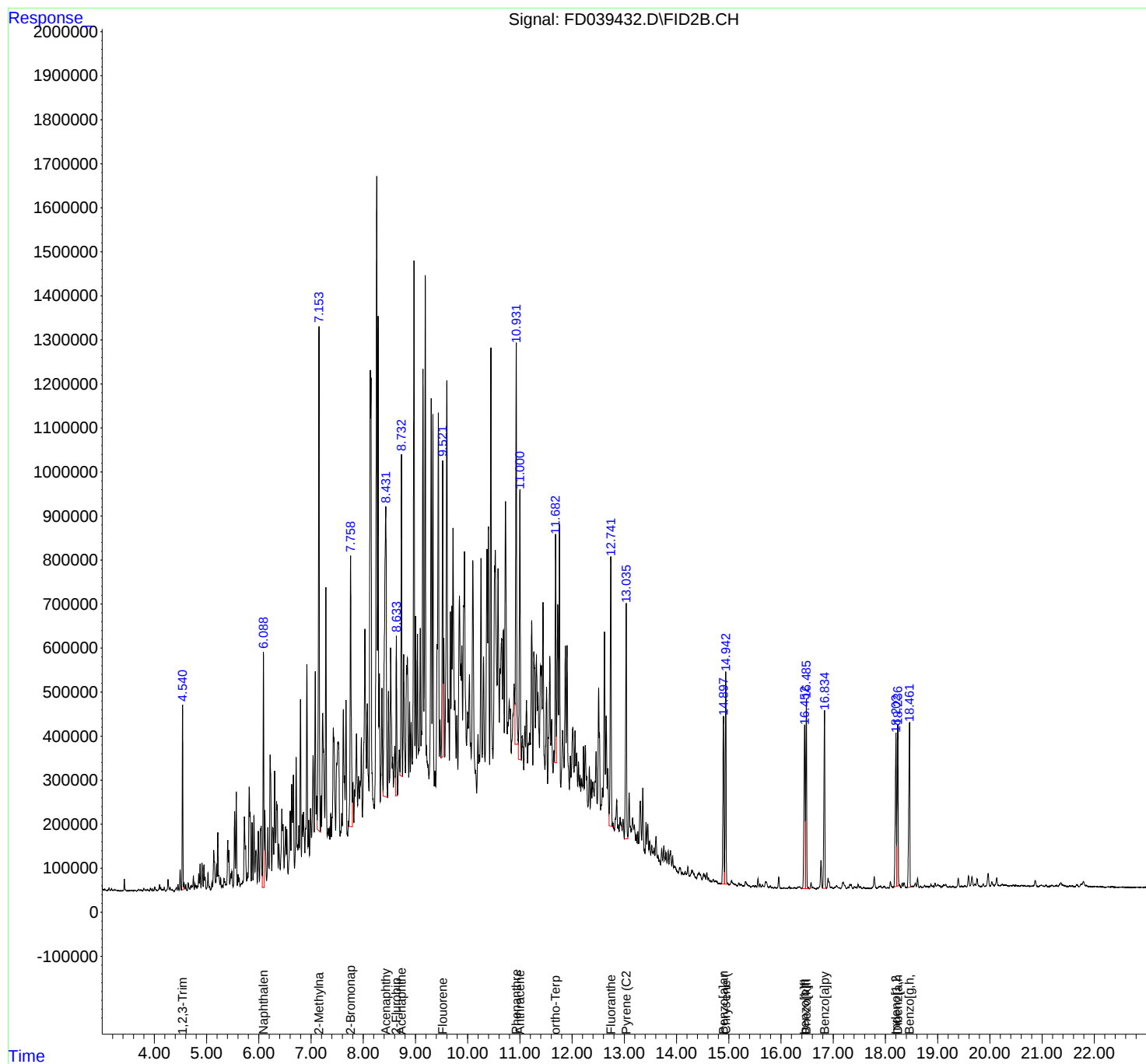
Reviewed By :Ankita
Jodhani

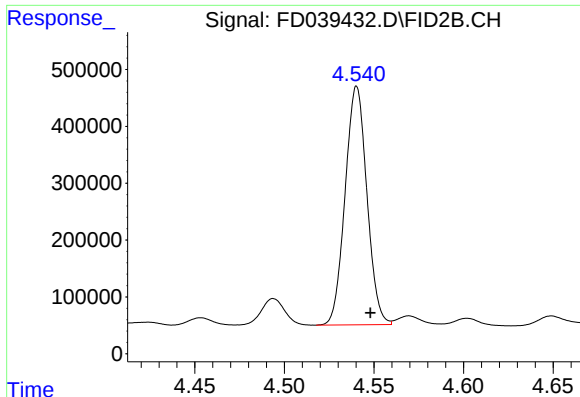
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 3549585
Conc: 28.84 ug/ml

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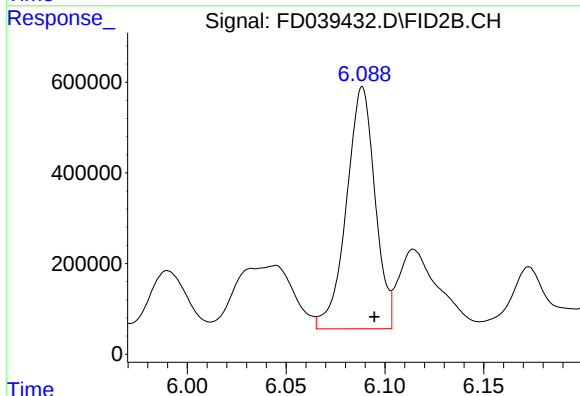
Jodhani

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Supervised By :mohammad

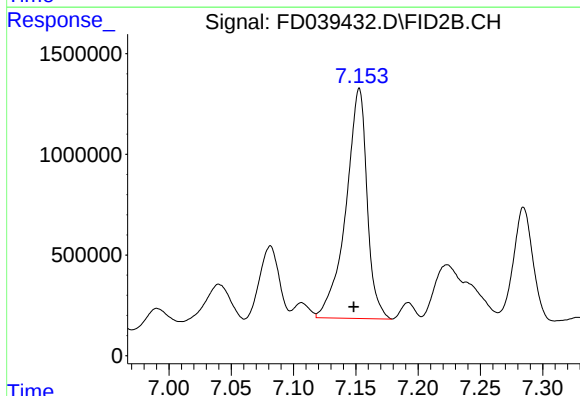
ahmed

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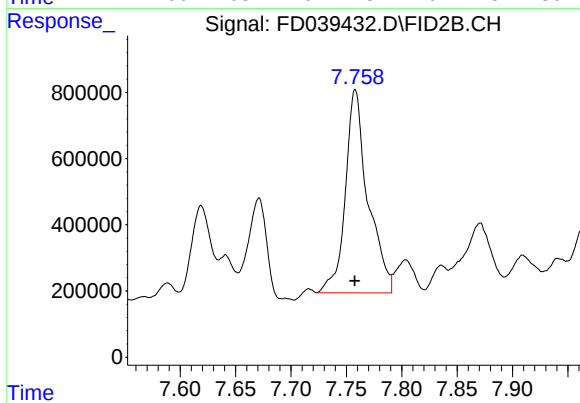
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 5377761
Conc: 41.49 ug/ml



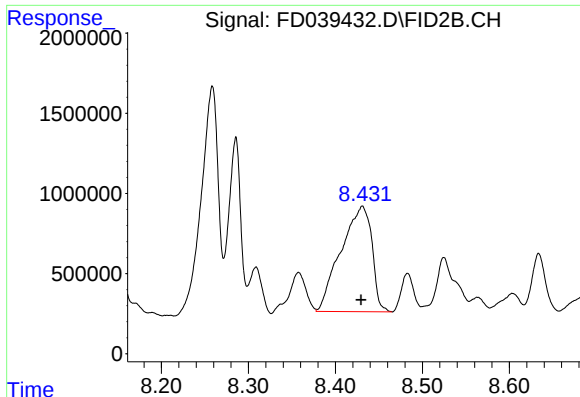
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: 0.004 min
Response: 13546103
Conc: 102.00 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 8740142
Conc: 75.33 ug/ml m



#5 Acenaphthylene (C15.06)

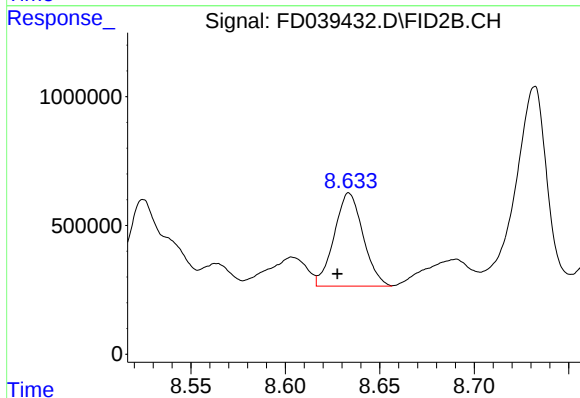
R.T.: 8.431 min
Delta R.T.: 0.002 min
Response: 16273277
Conc: 131.85 ug/ml

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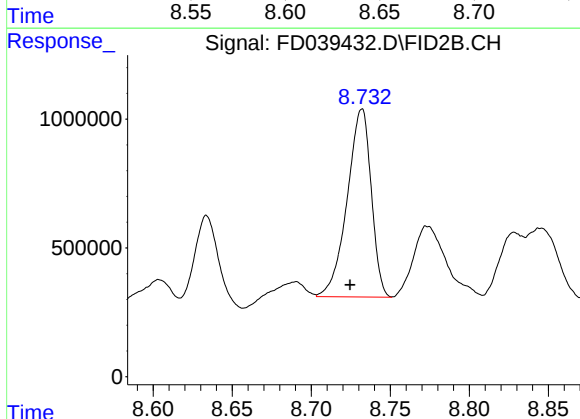
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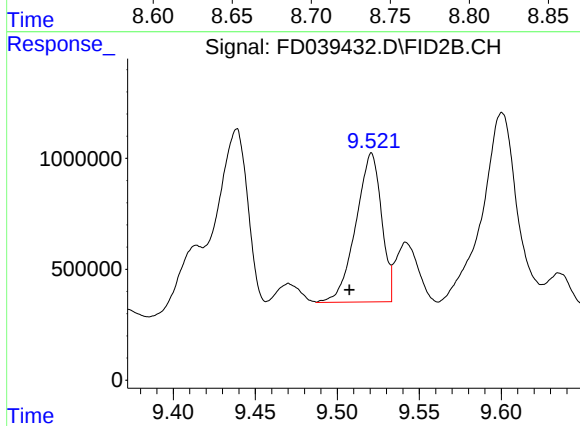
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: 0.006 min
Response: 3840641
Conc: 47.91 ug/ml m



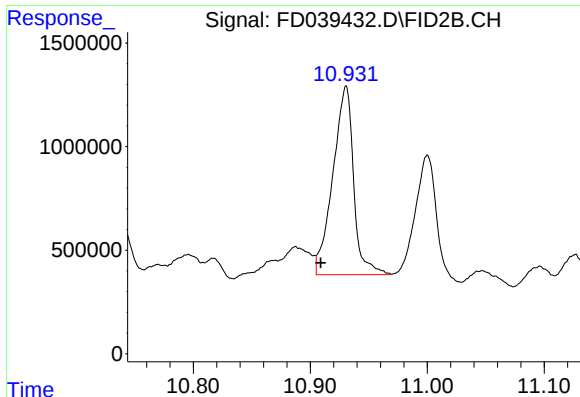
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.008 min
Response: 7735322
Conc: 59.30 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.521 min
Delta R.T.: 0.013 min
Response: 7316394
Conc: 56.50 ug/ml m



#9 Phenanthrene (C19.36)

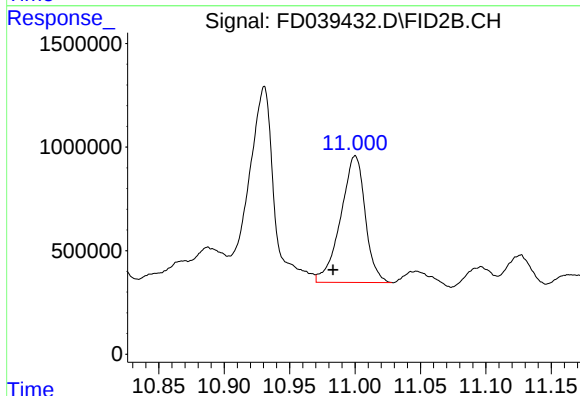
R.T.: 10.931 min
Delta R.T.: 0.022 min
Response: 11242231
Conc: 87.05 ug/ml

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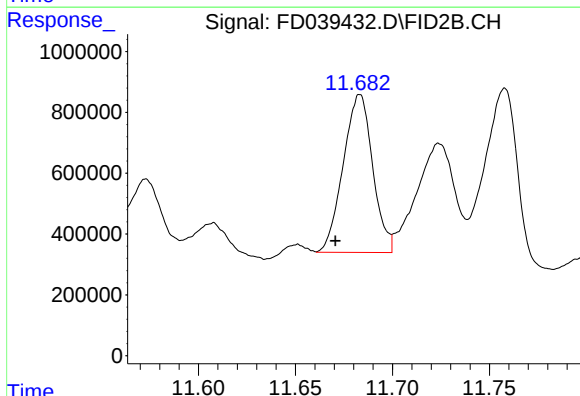
Reviewed By :Ankita
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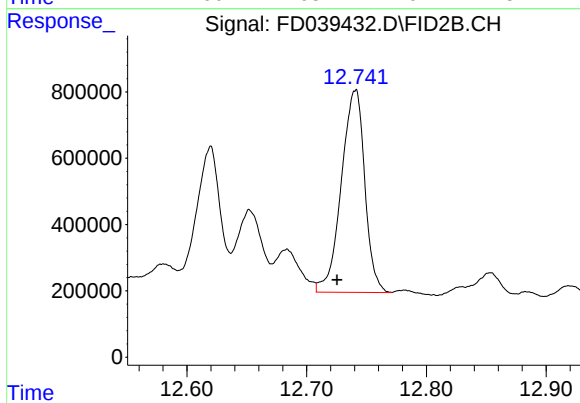
#10 Anthracene (C19.43)

R.T.: 11.000 min
Delta R.T.: 0.017 min
Response: 7969015
Conc: 62.29 ug/ml m



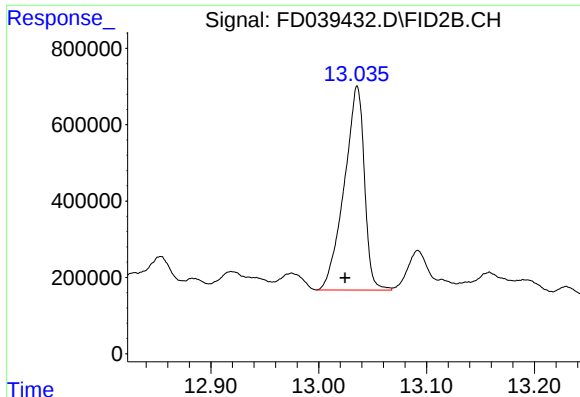
#11 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.012 min
Response: 5497013
Conc: 43.10 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.741 min
Delta R.T.: 0.016 min
Response: 8324529
Conc: 63.89 ug/ml m



#13 Pyrene (C20.8)

R.T.: 13.035 min
Delta R.T.: 0.011 min
Response: 6952748
Conc: 54.98 ug/ml

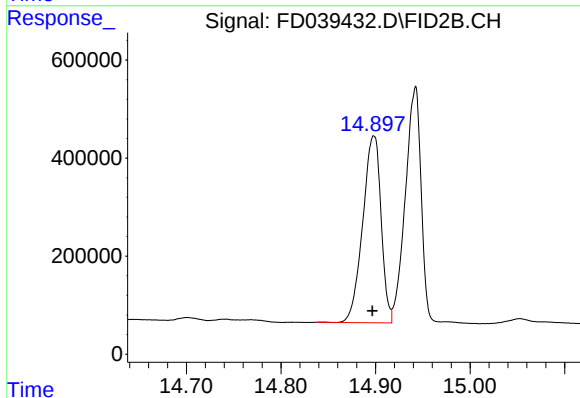
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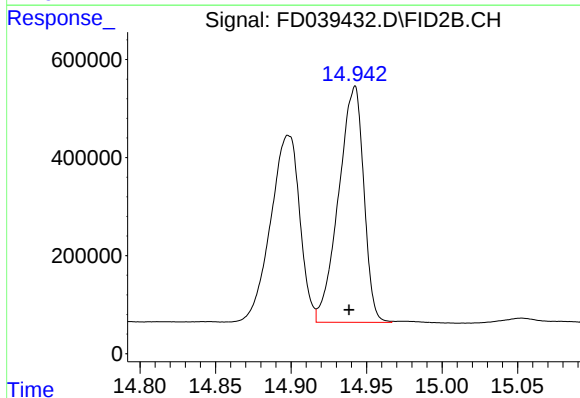
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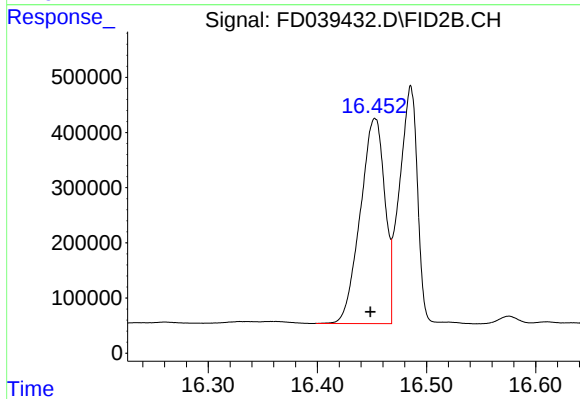
#14 Benzo[a]anthracene (C20.37)

R.T.: 14.898 min
Delta R.T.: 0.002 min
Response: 5132924
Conc: 43.40 ug/ml



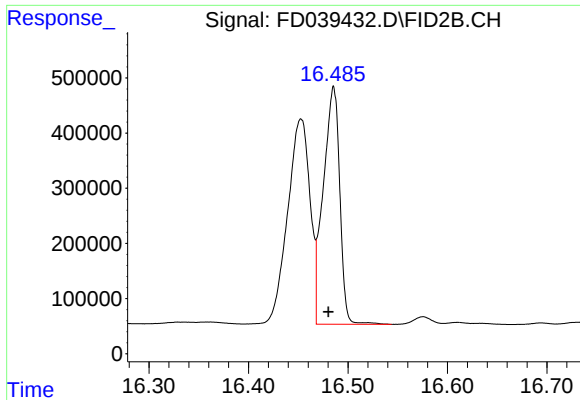
#15 Chrysene (C27.41)

R.T.: 14.942 min
Delta R.T.: 0.004 min
Response: 5576054
Conc: 44.33 ug/ml m



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

R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 5813065
Conc: 49.55 ug/ml



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

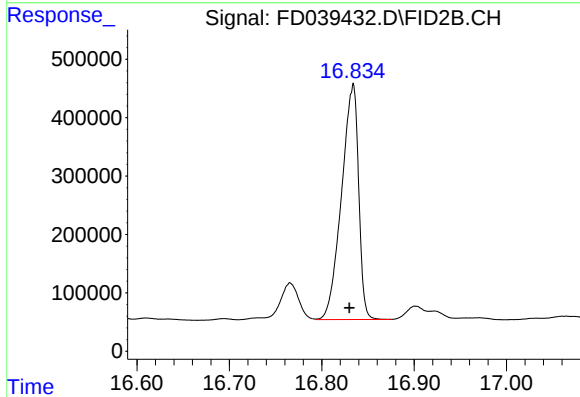
R.T.: 16.486 min
Delta R.T.: 0.005 min
Response: 4977957
Conc: 42.30 ug/ml

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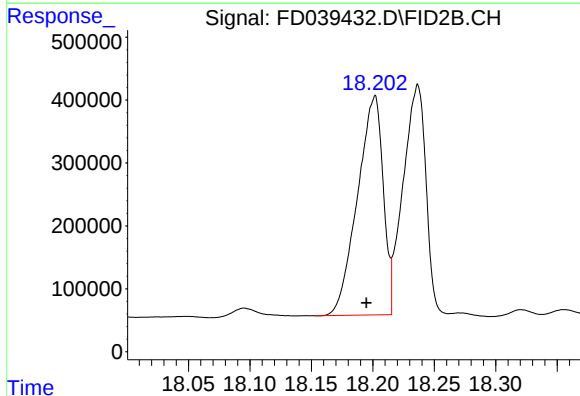
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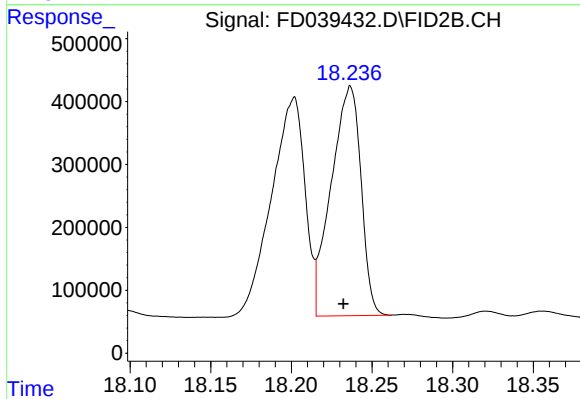
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.004 min
Response: 5172203
Conc: 45.44 ug/ml



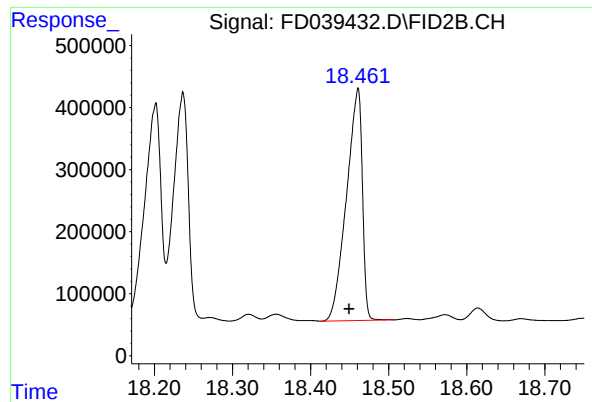
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.202 min
Delta R.T.: 0.007 min
Response: 5065953
Conc: 47.32 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.004 min
Response: 4688559
Conc: 43.98 ug/ml



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

R.T.: 18.461 min
Delta R.T.: 0.011 min
Response: 5272935
Conc: 49.97 ug/ml

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