

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042820.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 22:41
 Operator : UA/NP
 Sample : N3143-04MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 06:18:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.662	8128662	53.194 ug/ml
Spiked Amount 50.000		Recovery =	106.39%
6) S 2-Fluorobiphenyl (SURR)	8.527	5379056	52.302 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.60%
11) S ortho-Terphenyl (SURR)	11.576	5945346	33.491 ug/ml
Spiked Amount 50.000		Recovery =	66.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.453	6243409	37.290 ug/ml
2) T Naphthalene (C11.7)	5.996	7053817	40.798 ug/ml
3) T 2-Methylnaphthalene (...)	7.050	7209437	45.209 ug/ml
5) T Acenaphthylene (C15.06)	8.329	7158651	41.434 ug/ml
7) T Acenaphthene (C15.5)	8.627	7732270	44.937 ug/ml
8) T Flouorene (C16.55)	9.410	8000865	47.657 ug/ml
9) T Phenanthrene (C19.36)	10.811	8101624	49.268 ug/ml
10) T Anthracene (C19.43)	10.886	7954414	52.043 ug/ml
12) T Fluoranthene (C21.85)	12.627	7708776	48.930 ug/ml
13) T Pyrene (C20.8)	12.925	7632304	49.023 ug/ml
14) T Benzo[a]anthracene (C...	14.798	6986869	52.402 ug/ml
15) T Chrysene (C27.41)	14.844	8037627	60.837 ug/ml
16) T benzo[b]fluoranthene ...	16.353	7006310	52.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.389	6716797	54.230 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.732	6244005	50.448 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	7049387	63.245 ug/ml
20) T Dibenz[a,h]anthracene...	18.142	6556806	58.945 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.360	6741598	56.721 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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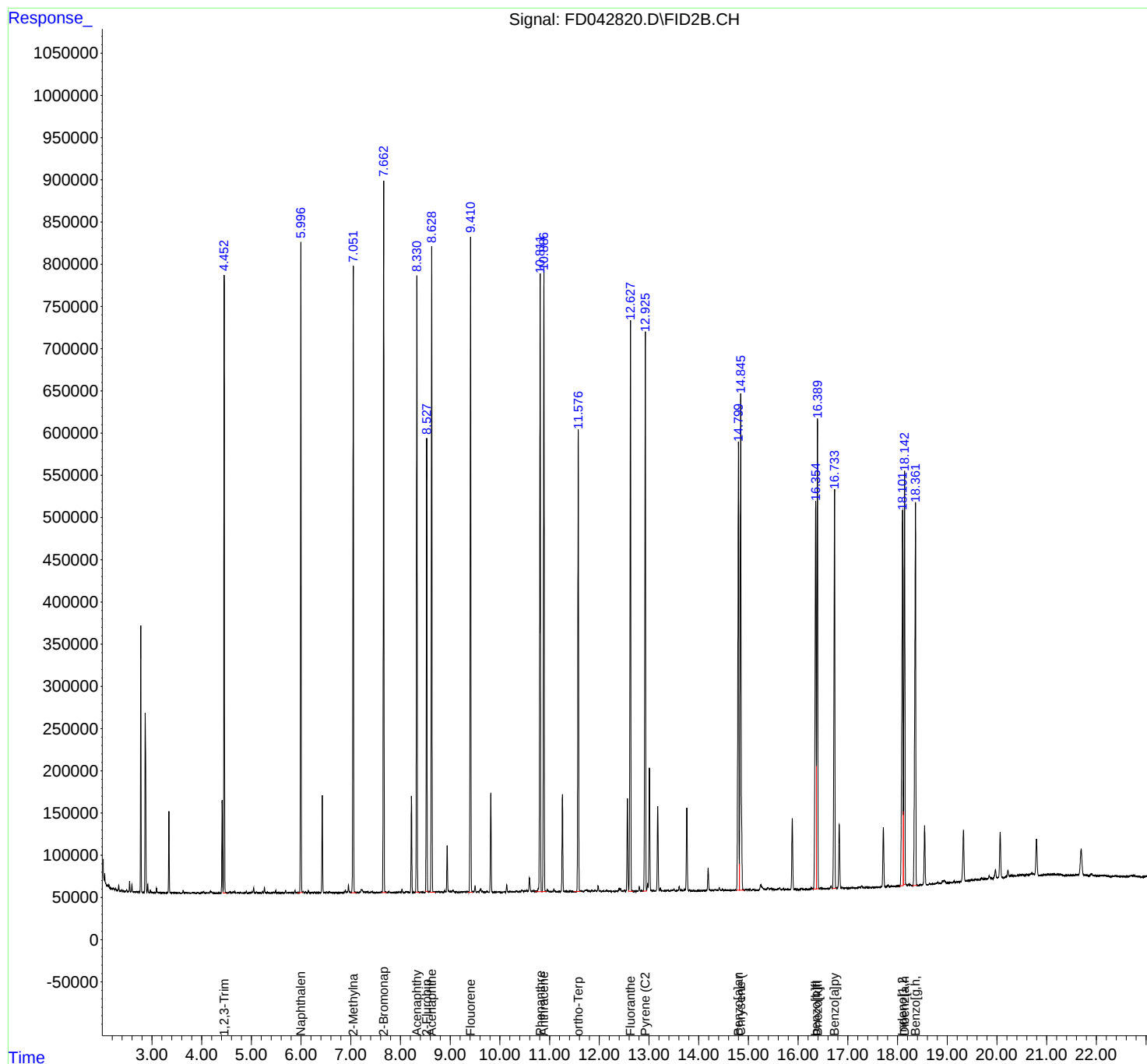
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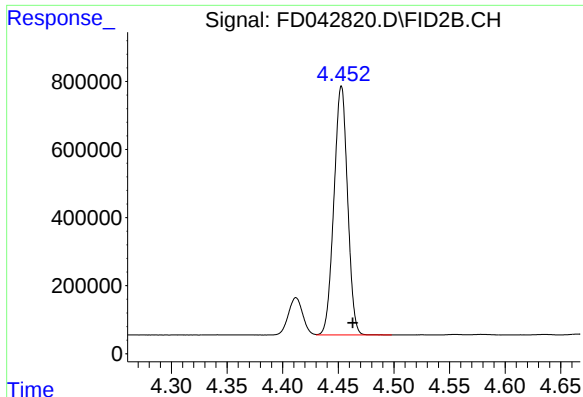
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.453 min
Delta R.T.: -0.010 min
Response: 6243409
Conc: 37.29 ug/ml

Instrument :

FID_D

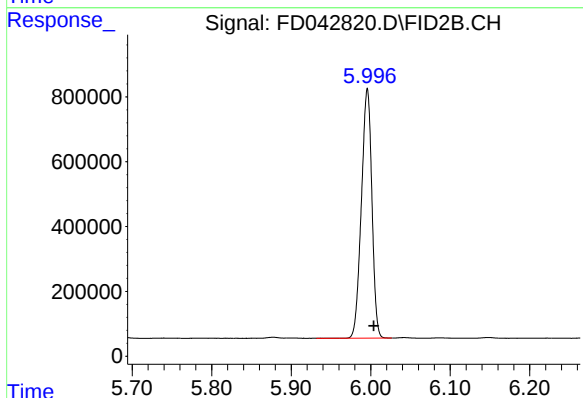
ClientSampleId :

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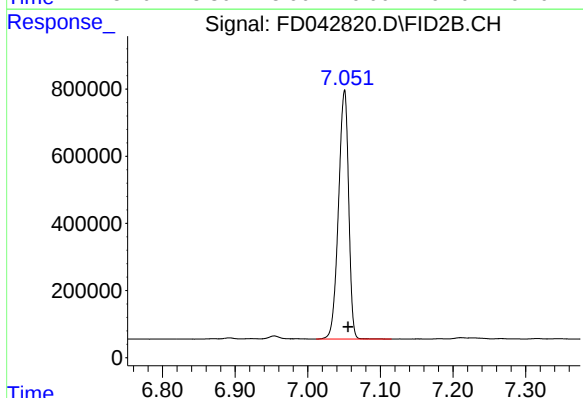
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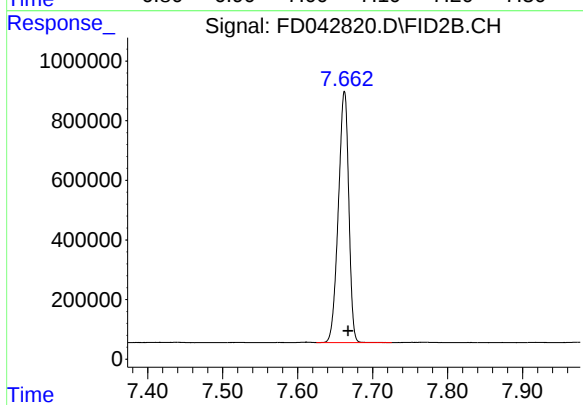
#2 Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.008 min
Response: 7053817
Conc: 40.80 ug/ml



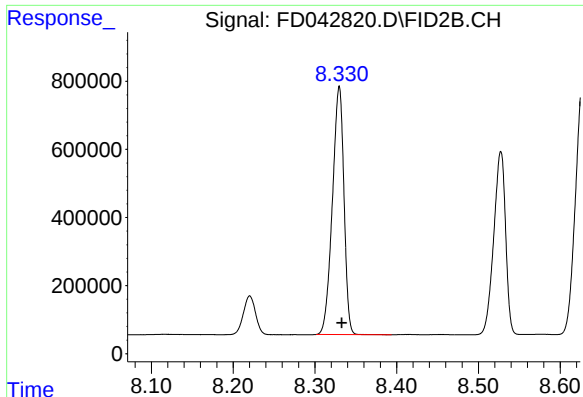
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.050 min
Delta R.T.: -0.005 min
Response: 7209437
Conc: 45.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: -0.005 min
Response: 8128662
Conc: 53.19 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.329 min
Delta R.T.: -0.003 min
Response: 7158651
Conc: 41.43 ug/ml

Instrument :

FID_D

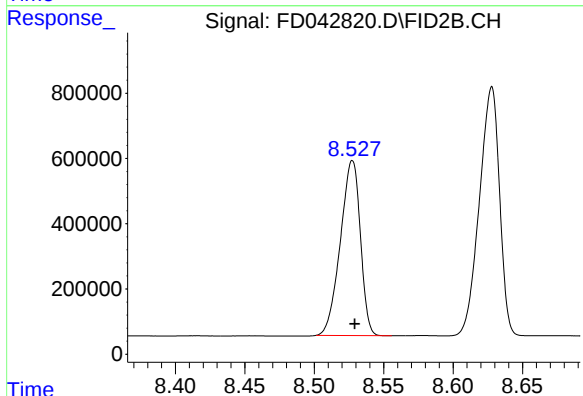
ClientSampleId :

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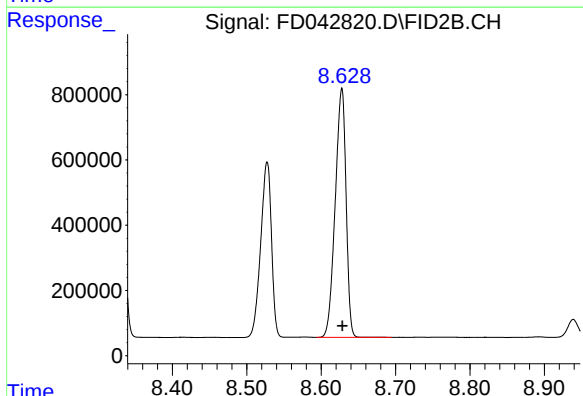
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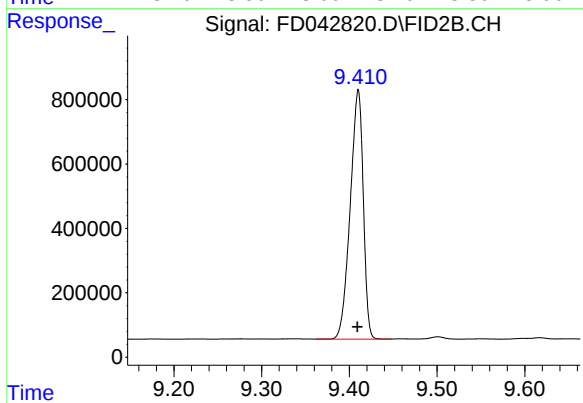
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 5379056
Conc: 52.30 ug/ml



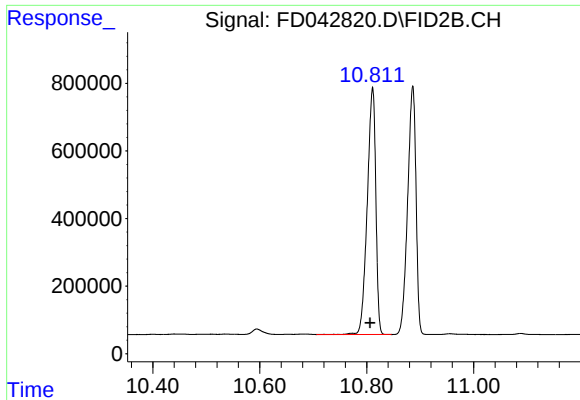
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 7732270
Conc: 44.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 8000865
Conc: 47.66 ug/ml



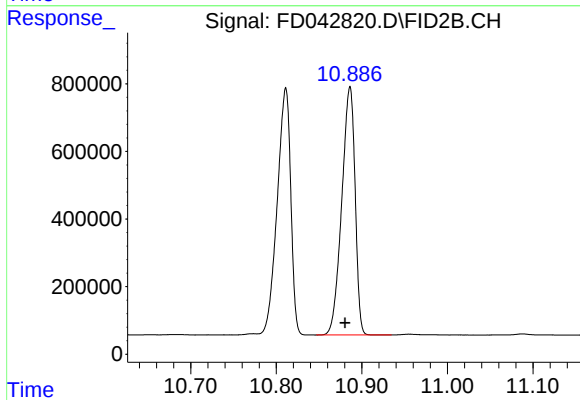
#9 Phenanthrene (C19.36)

R.T.: 10.811 min
Delta R.T.: 0.004 min
Response: 8101624
Conc: 49.27 ug/ml

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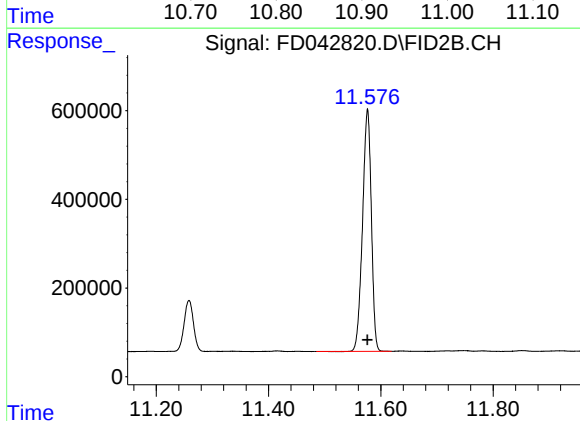
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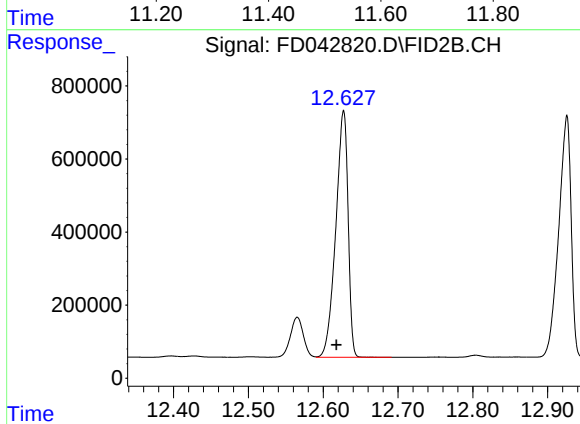
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 7954414
Conc: 52.04 ug/ml



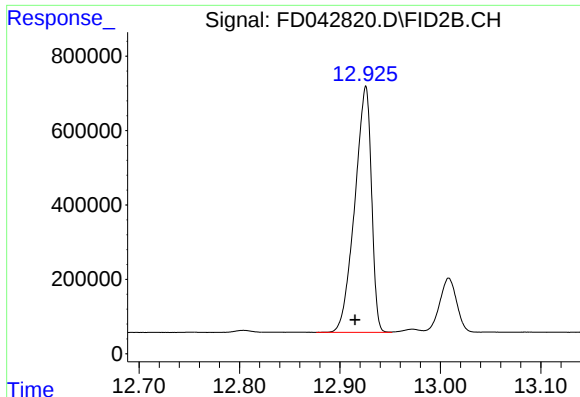
#11 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 5945346
Conc: 33.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: 0.009 min
Response: 7708776
Conc: 48.93 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: 0.010 min
Response: 7632304
Conc: 49.02 ug/ml

Instrument :

FID_D

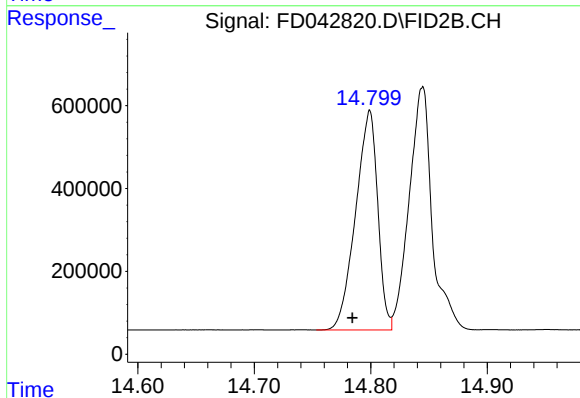
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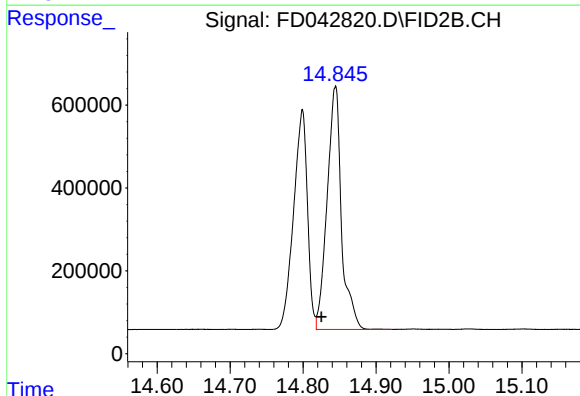
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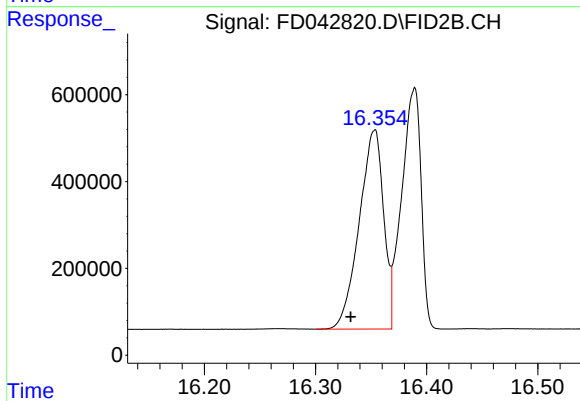
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: 0.014 min
Response: 6986869
Conc: 52.40 ug/ml



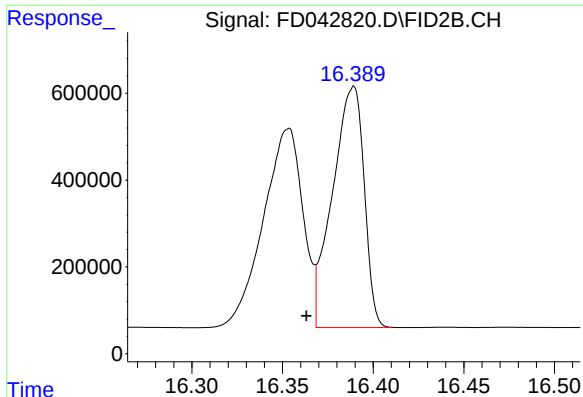
#15 Chrysene (C27.41)

R.T.: 14.844 min
Delta R.T.: 0.019 min
Response: 8037627
Conc: 60.84 ug/ml



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

R.T.: 16.353 min
Delta R.T.: 0.021 min
Response: 7006310
Conc: 52.59 ug/ml



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

R.T.: 16.389 min
Delta R.T.: 0.026 min
Response: 6716797
Conc: 54.23 ug/ml

Instrument :

FID_D

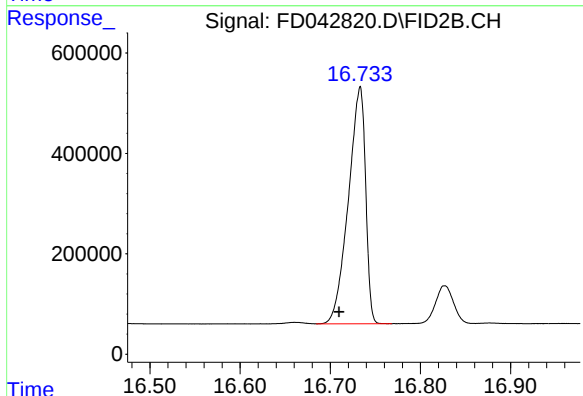
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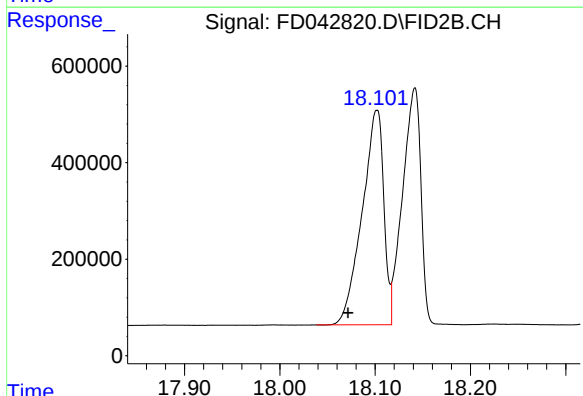
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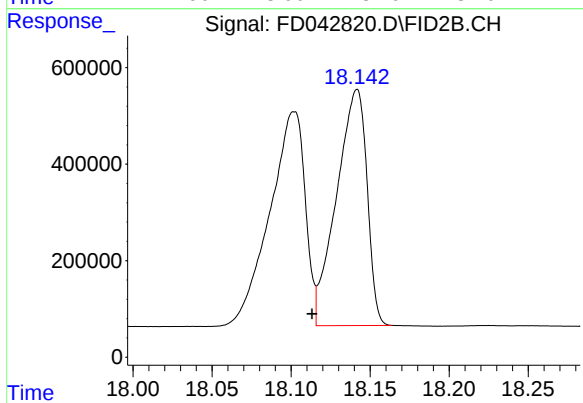
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.732 min
Delta R.T.: 0.023 min
Response: 6244005
Conc: 50.45 ug/ml



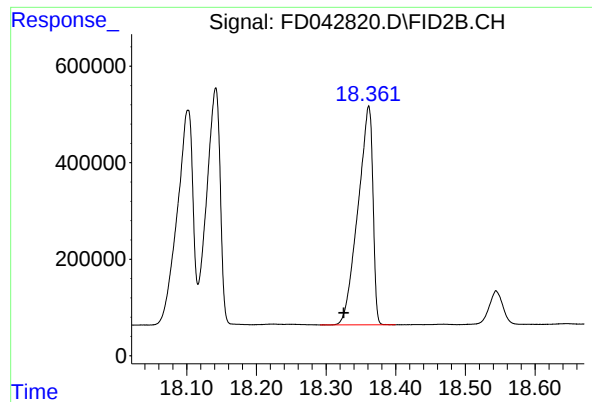
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: 0.030 min
Response: 7049387
Conc: 63.24 ug/ml



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

R.T.: 18.142 min
Delta R.T.: 0.028 min
Response: 6556806
Conc: 58.95 ug/ml m



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

R.T.: 18.360 min
Delta R.T.: 0.035 min
Response: 6741598
Conc: 56.72 ug/ml

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