

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043015.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 18:57
 Operator : UA/NP
 Sample : PB145771BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145771BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 02:19:09 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...	7.649	6127567	40.099 ug/mlm
Spiked Amount 50.000		Recovery =	80.20%
6) S 2-Fluorobiphenyl (SURR)	8.515	4081324	39.684 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.37%
11) S ortho-Terphenyl (SURR)	11.562	5390710	30.366 ug/ml
Spiked Amount 50.000		Recovery =	60.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	4666890	27.874 ug/mlm
2) T Naphthalene (C11.7)	5.982	5122018	29.625 ug/ml
3) T 2-Methylnaphthalene (...)	7.037	5231855	32.808 ug/ml
5) T Acenaphthylene (C15.06)	8.317	5033657	29.135 ug/mlm
7) T Acenaphthene (C15.5)	8.614	5399629	31.381 ug/mlm
8) T Flouorene (C16.55)	9.396	5534861	32.969 ug/ml
9) T Phenanthrene (C19.36)	10.796	5449375	33.139 ug/ml
10) T Anthracene (C19.43)	10.872	5380642	35.204 ug/ml
12) T Fluoranthene (C21.85)	12.613	5270491	33.454 ug/ml
13) T Pyrene (C20.8)	12.911	5246009	33.696 ug/ml
14) T Benzo[a]anthracene (C...	14.787	5045327	37.840 ug/ml
15) T Chrysene (C27.41)	14.831	6051745	45.806 ug/ml
16) T benzo[b]fluoranthene ...	16.341	5160084	38.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.375	5009085	40.442 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	4621763	37.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.090	5035413	45.176 ug/ml
20) T Dibenz[a,h]anthracene...	18.128	4746645	42.672 ug/ml
21) T Benzo[g,h,i]perylene ...	18.346	4806045	40.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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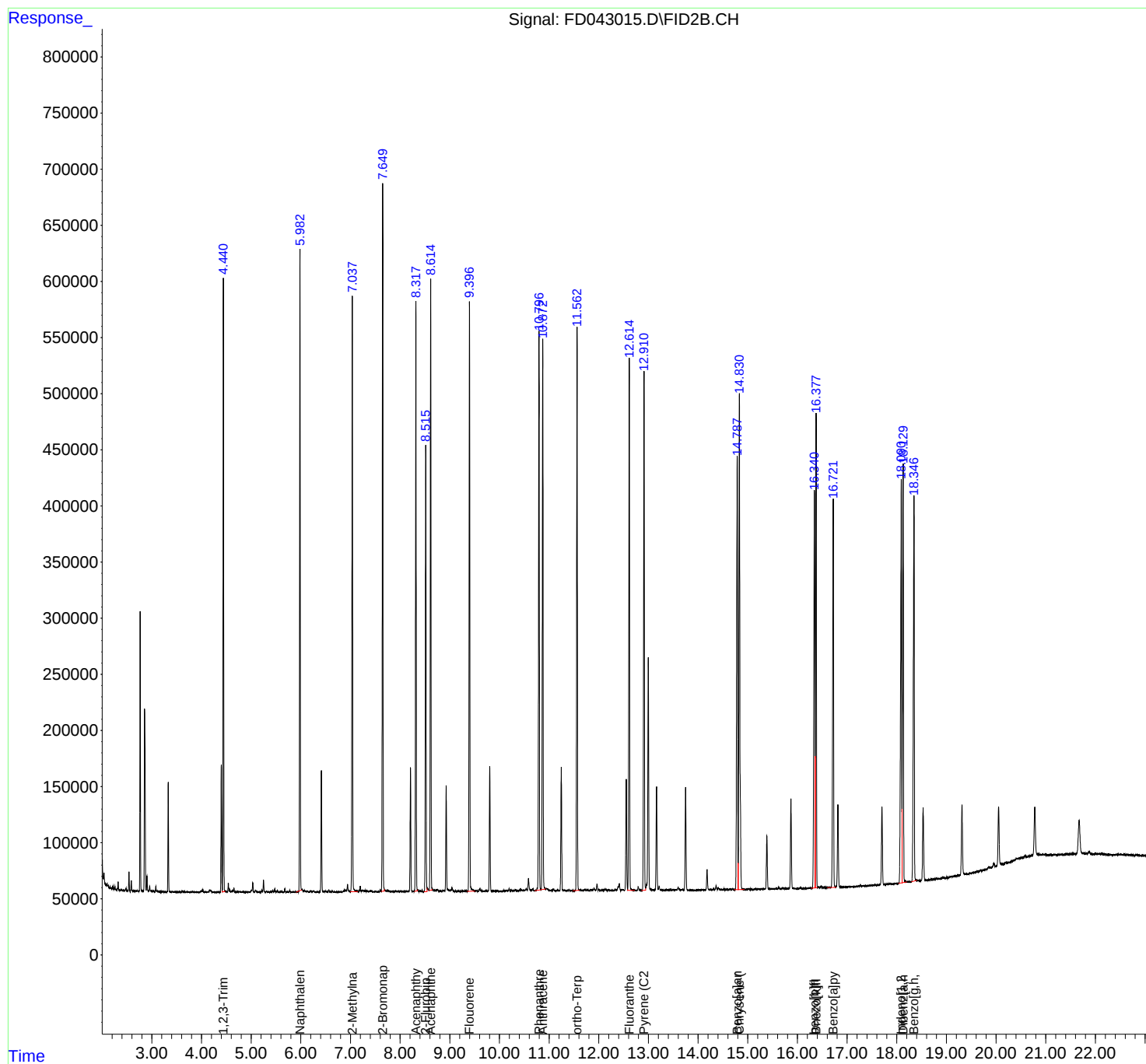
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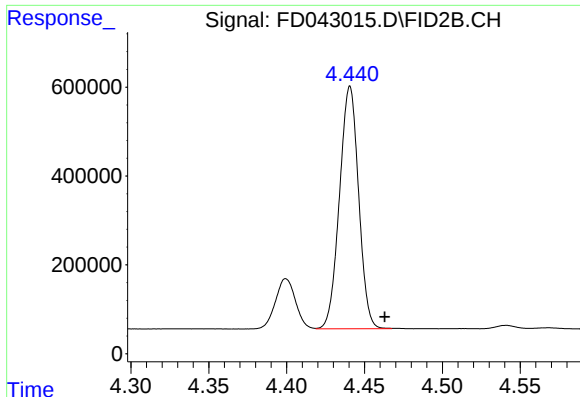
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: -0.023 min
Response: 4666890
Conc: 27.87 ug/ml

Instrument :

FID_D

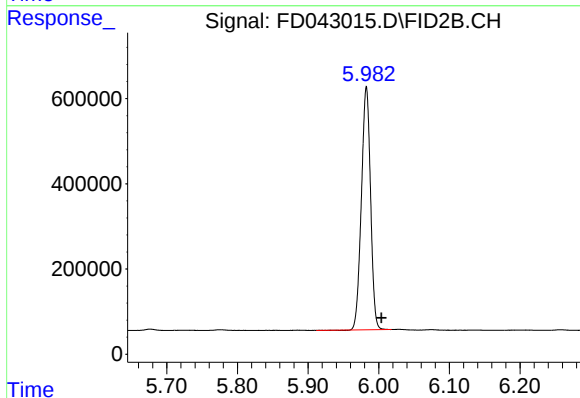
ClientSampleId :

PB145771BS

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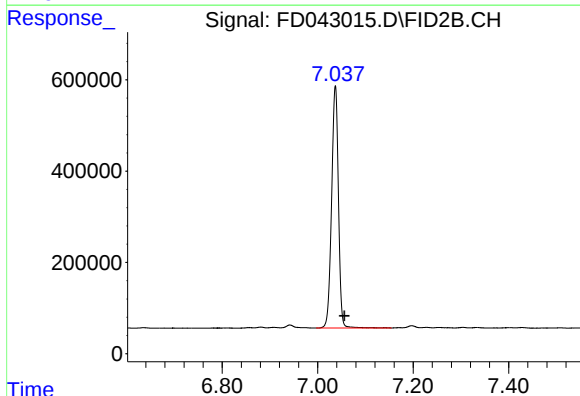
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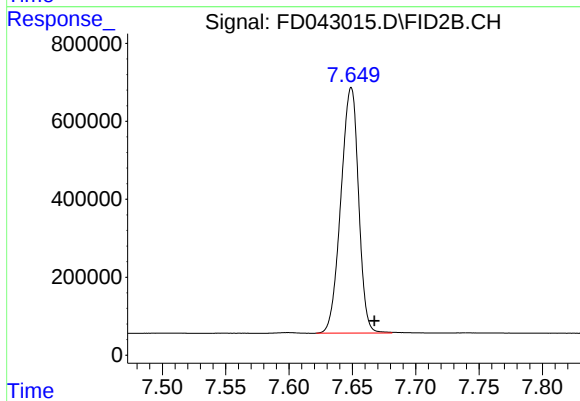
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.022 min
Response: 5122018
Conc: 29.63 ug/ml



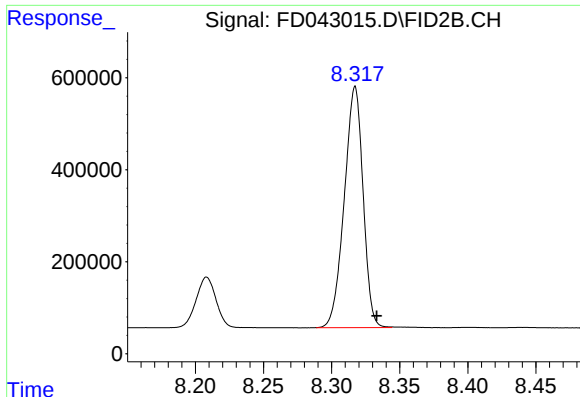
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: -0.019 min
Response: 5231855
Conc: 32.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.649 min
Delta R.T.: -0.019 min
Response: 6127567
Conc: 40.10 ug/ml m



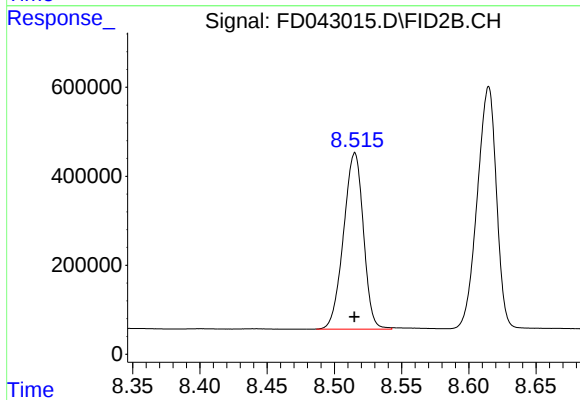
#5 Acenaphthylene (C15.06)

R.T.: 8.317 min
Delta R.T.: -0.016 min
Response: 5033657
Conc: 29.13 ug/ml

Instrument :
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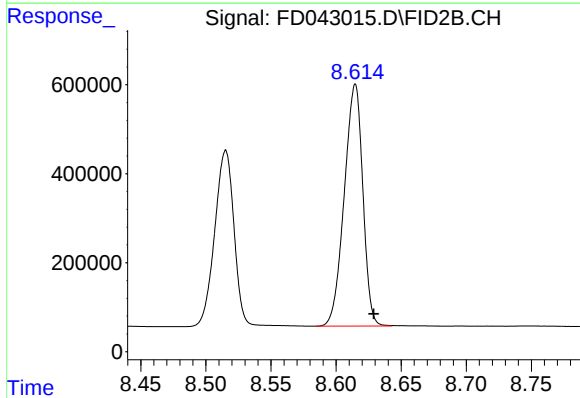
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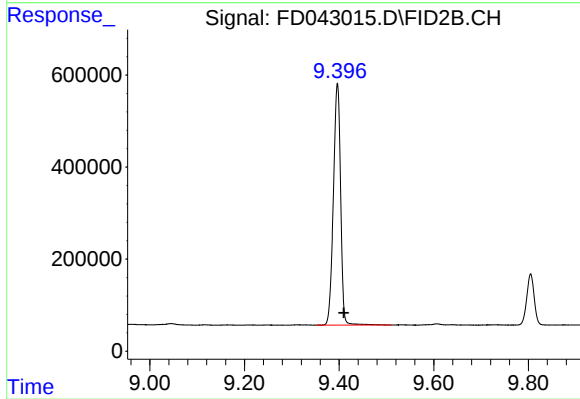
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 4081324
Conc: 39.68 ug/ml m



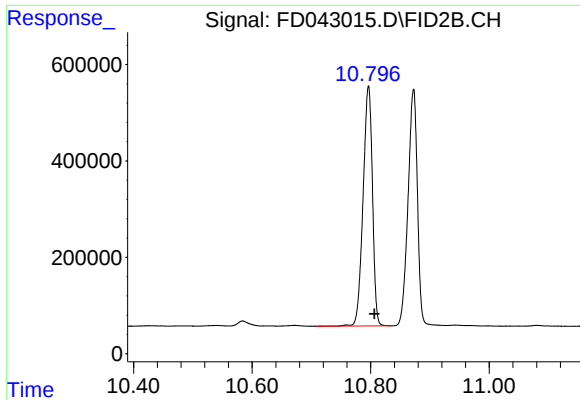
#7 Acenaphthene (C15.5)

R.T.: 8.614 min
Delta R.T.: -0.015 min
Response: 5399629
Conc: 31.38 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.396 min
Delta R.T.: -0.013 min
Response: 5534861
Conc: 32.97 ug/ml



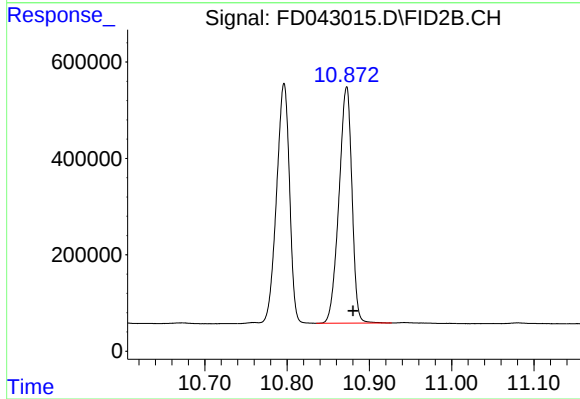
#9 Phenanthrene (C19.36)

R.T.: 10.796 min
Delta R.T.: -0.010 min
Response: 5449375
Conc: 33.14 ug/ml

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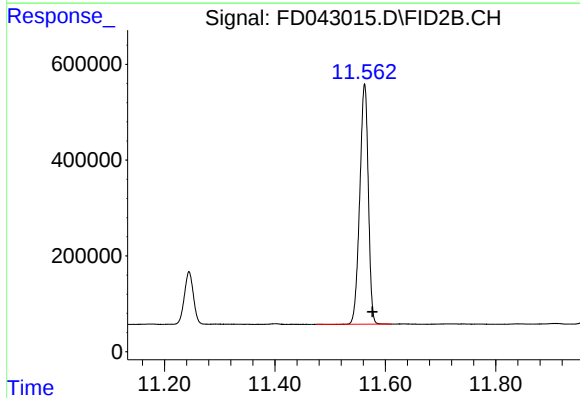
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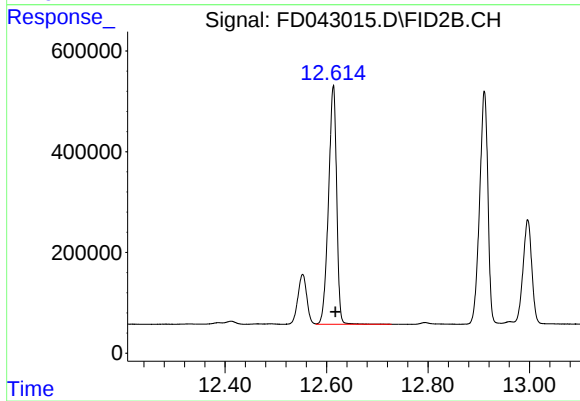
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.008 min
Response: 5380642
Conc: 35.20 ug/ml



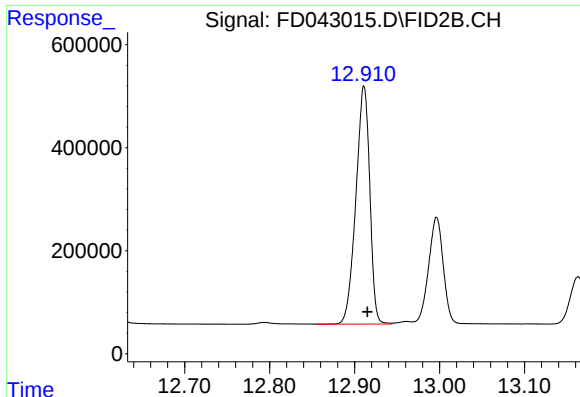
#11 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.014 min
Response: 5390710
Conc: 30.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.613 min
Delta R.T.: -0.004 min
Response: 5270491
Conc: 33.45 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.911 min
 Delta R.T.: -0.004 min
 Response: 5246009
 Conc: 33.70 ug/ml

Instrument :

FID_D

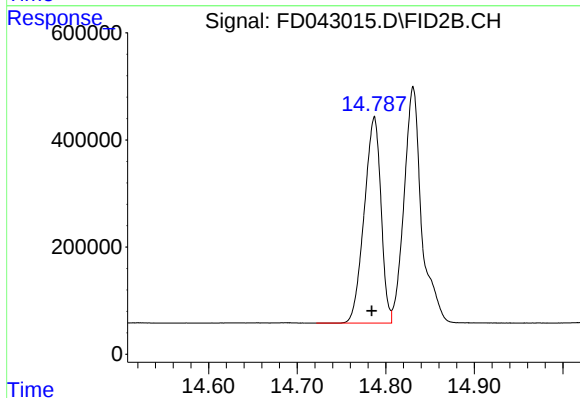
ClientSampleId :

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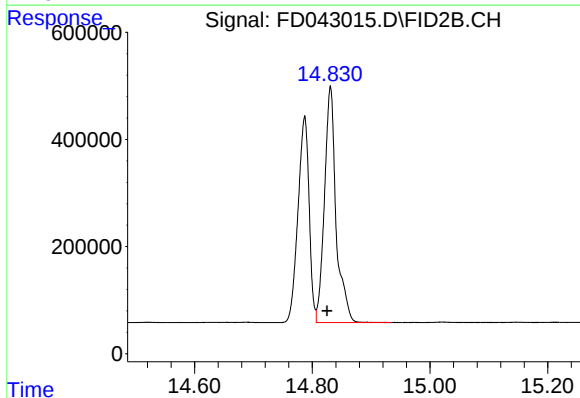
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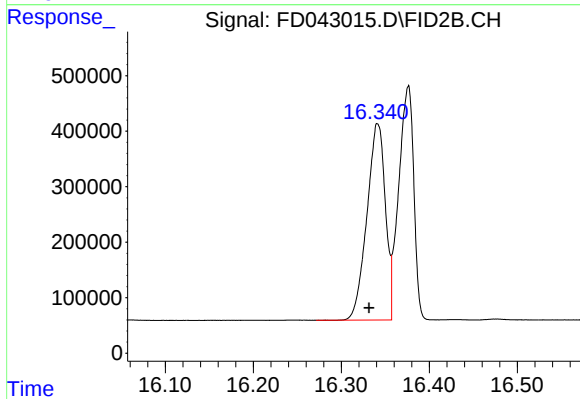
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
 Delta R.T.: 0.003 min
 Response: 5045327
 Conc: 37.84 ug/ml



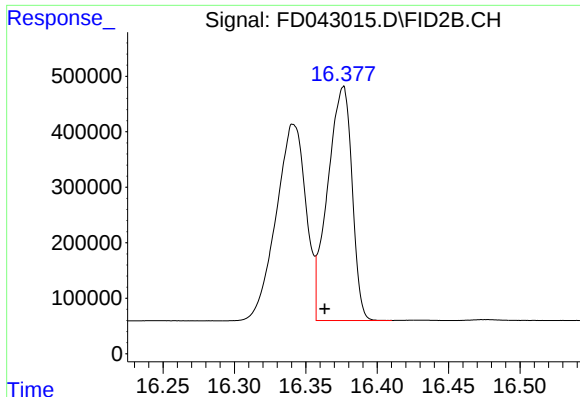
#15 Chrysene (C27.41)

R.T.: 14.831 min
 Delta R.T.: 0.005 min
 Response: 6051745
 Conc: 45.81 ug/ml



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

R.T.: 16.341 min
 Delta R.T.: 0.010 min
 Response: 5160084
 Conc: 38.73 ug/ml



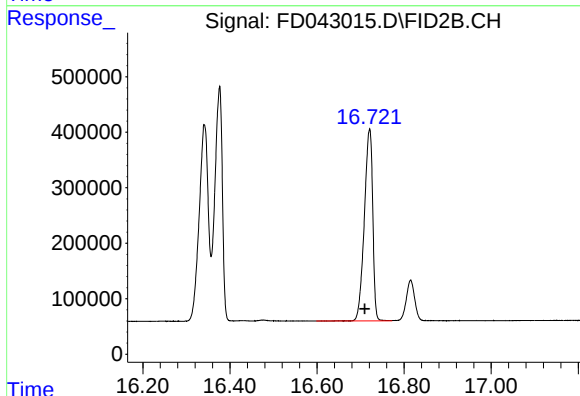
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.375 min
Delta R.T.: 0.012 min
Response: 5009085
Conc: 40.44 ug/ml

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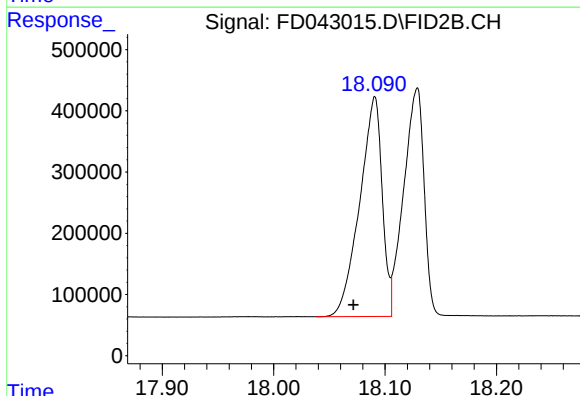
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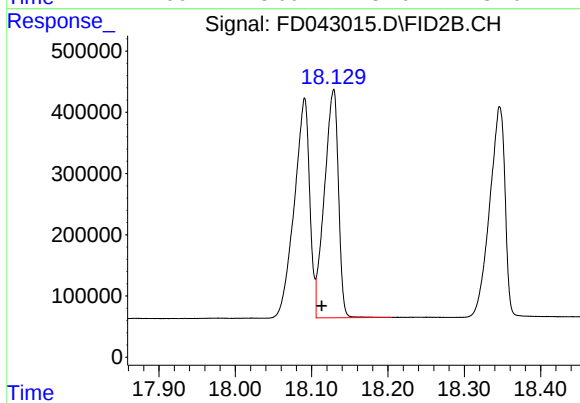
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: 0.011 min
Response: 4621763
Conc: 37.34 ug/ml



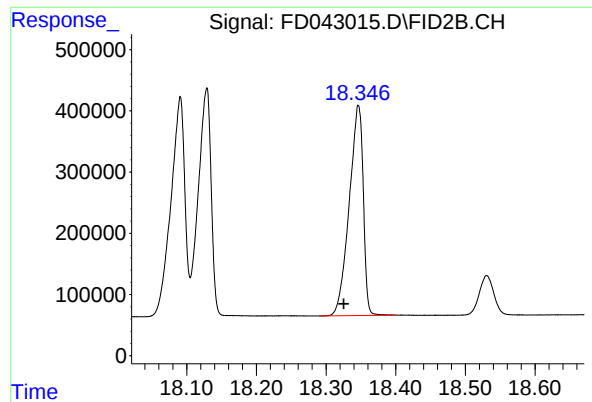
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.090 min
Delta R.T.: 0.019 min
Response: 5035413
Conc: 45.18 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.015 min
Response: 4746645
Conc: 42.67 ug/ml



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

R.T.: 18.346 min
Delta R.T.: 0.021 min
Response: 4806045
Conc: 40.44 ug/ml

Instrument :

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ClientSampleId :

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