

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042954.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2022 19:15
 Operator : UA/NP
 Sample : PB145624BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145624BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: sample.E
 Quant Time: Jun 20 03:26:56 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...	7.653	6375796	41.723 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
6) S 2-Fluorobiphenyl (SURR)	8.517	4134886	40.205 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.41%
11) S ortho-Terphenyl (SURR)	11.566	5936264	33.439 ug/ml
Spiked Amount 50.000		Recovery =	66.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	4516105	26.974 ug/ml
2) T Naphthalene (C11.7)	5.986	5080603	29.386 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	5222128	32.747 ug/ml
5) T Acenaphthylene (C15.06)	8.320	5156072	29.843 ug/mlm
7) T Acenaphthene (C15.5)	8.617	5550622	32.258 ug/ml
8) T Flouorene (C16.55)	9.399	5726272	34.109 ug/ml
9) T Phenanthrene (C19.36)	10.798	5659658	34.418 ug/ml
10) T Anthracene (C19.43)	10.873	5533317	36.203 ug/ml
12) T Fluoranthene (C21.85)	12.613	5354794	33.989 ug/ml
13) T Pyrene (C20.8)	12.911	5294670	34.008 ug/ml
14) T Benzo[a]anthracene (C...	14.785	4987342	37.405 ug/ml
15) T Chrysene (C27.41)	14.829	5347520	40.475 ug/ml
16) T benzo[b]fluoranthene ...	16.339	5089557	38.205 ug/ml
17) T Bnezo[k]fluoranthene ...	16.373	4930158	39.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	4551219	36.771 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.085	5007754	44.928 ug/ml
20) T Dibenz[a,h]anthracene...	18.125	4706655	42.313 ug/ml
21) T Benzo[g,h,i]perylene ...	18.342	4816251	40.522 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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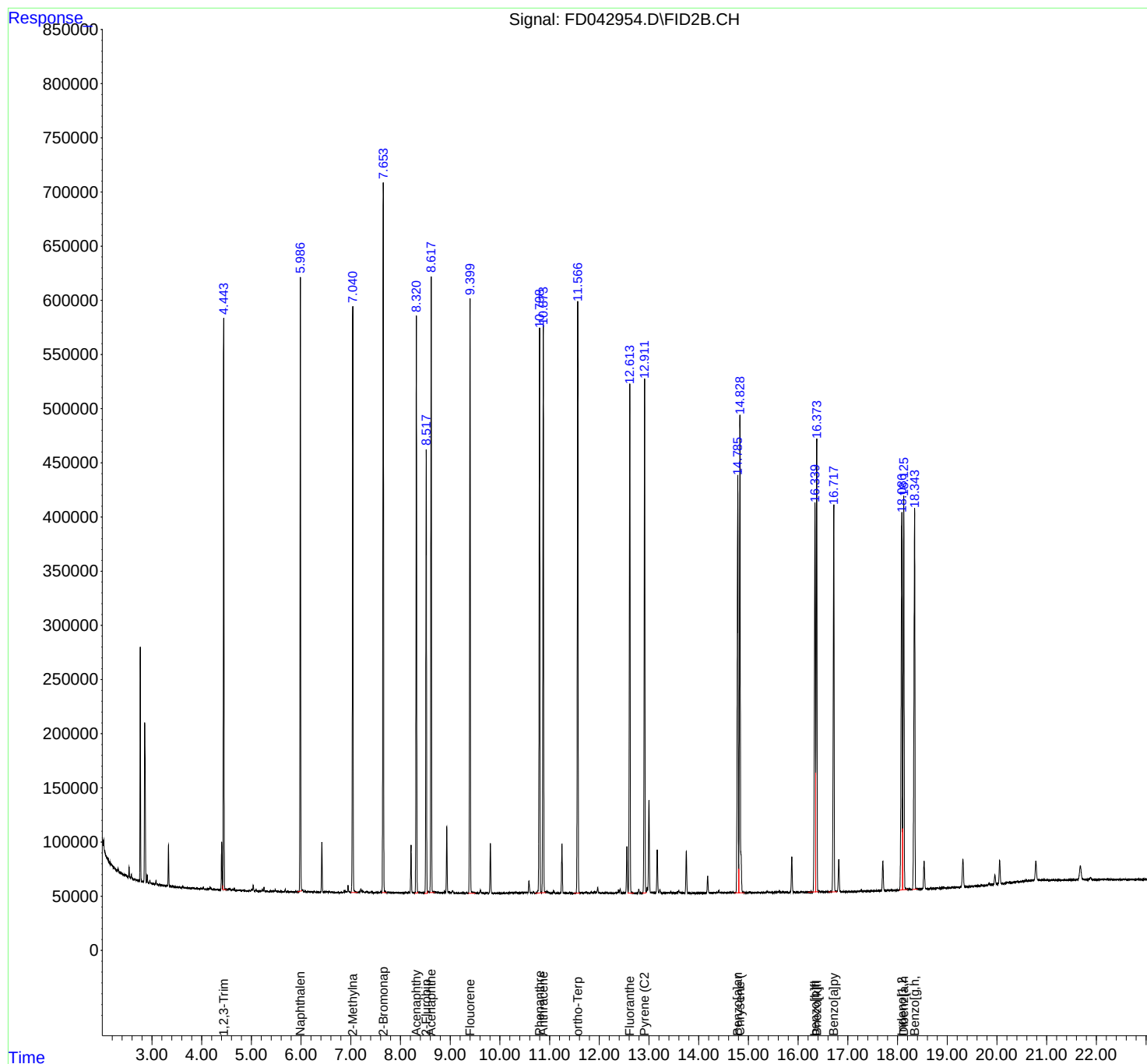
Instrument :
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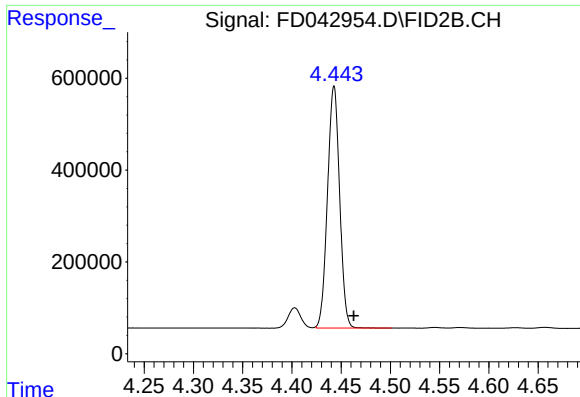
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.020 min
Response: 4516105
Conc: 26.97 ug/ml

Instrument :

FID_D

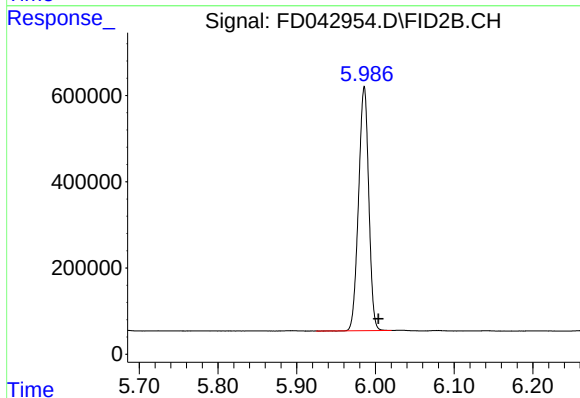
ClientSampleId :

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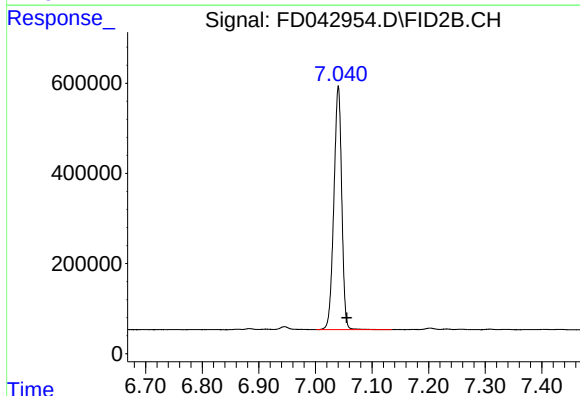
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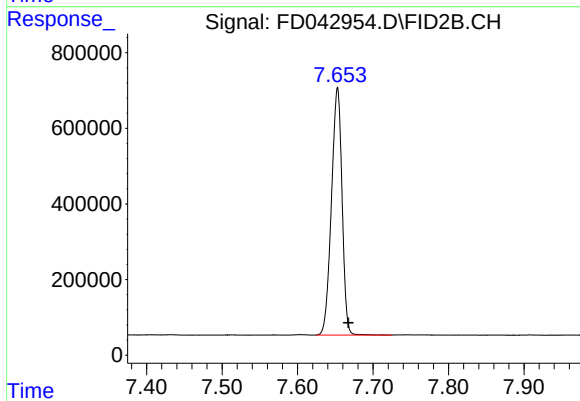
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.018 min
Response: 5080603
Conc: 29.39 ug/ml



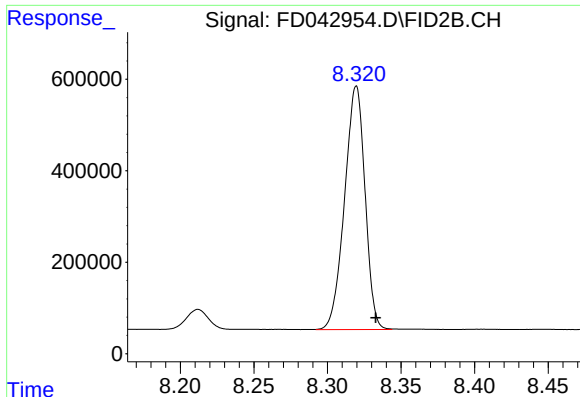
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.015 min
Response: 5222128
Conc: 32.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.653 min
Delta R.T.: -0.015 min
Response: 6375796
Conc: 41.72 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.320 min
Delta R.T.: -0.013 min
Response: 5156072
Conc: 29.84 ug/ml

Instrument :

FID_D

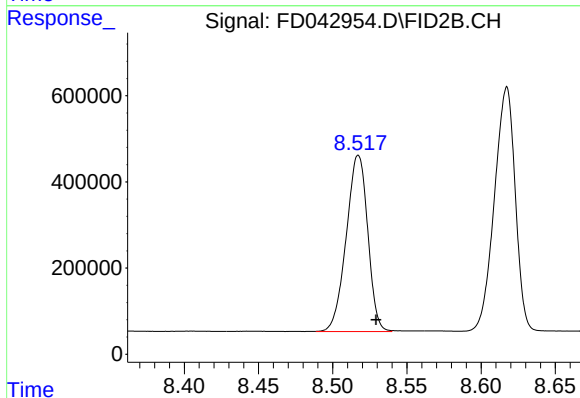
ClientSampleId :

PB145624BSD

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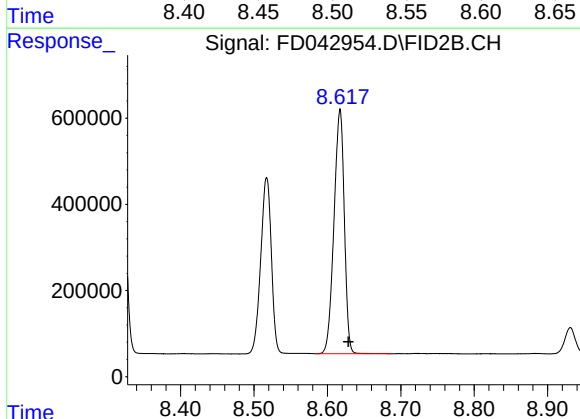
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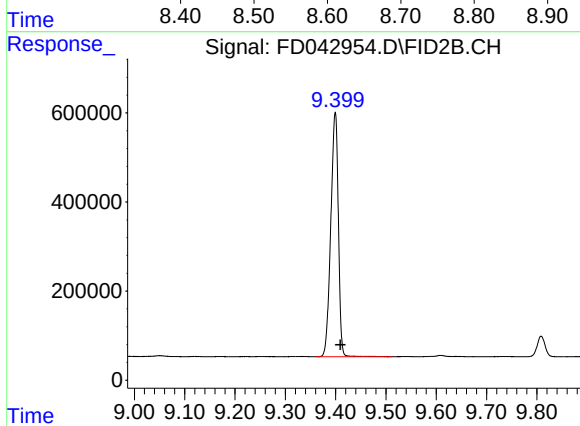
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.012 min
Response: 4134886
Conc: 40.20 ug/ml m



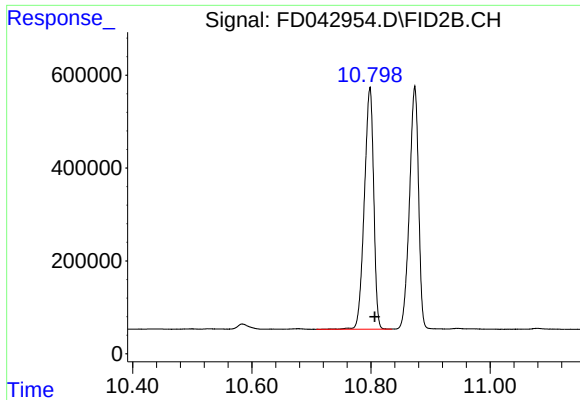
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.012 min
Response: 5550622
Conc: 32.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.399 min
Delta R.T.: -0.011 min
Response: 5726272
Conc: 34.11 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.798 min
Delta R.T.: -0.009 min
Response: 5659658
Conc: 34.42 ug/ml

Instrument :

FID_D

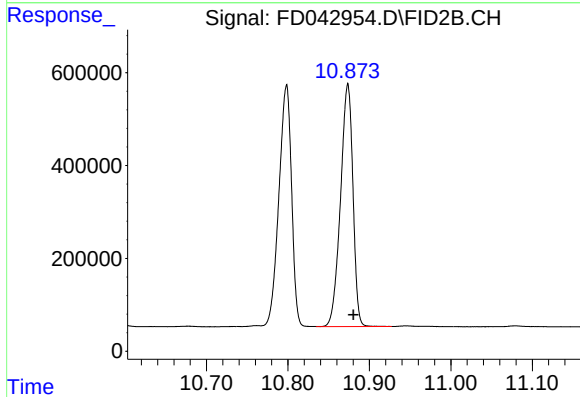
ClientSampleId :

PB145624BSD

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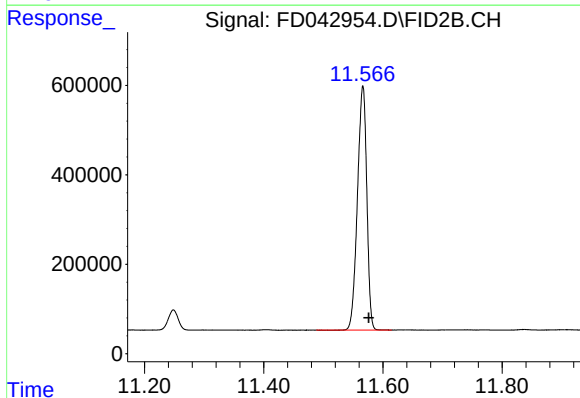
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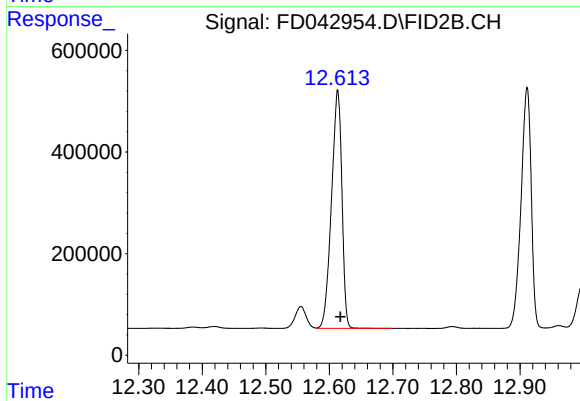
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.007 min
Response: 5533317
Conc: 36.20 ug/ml



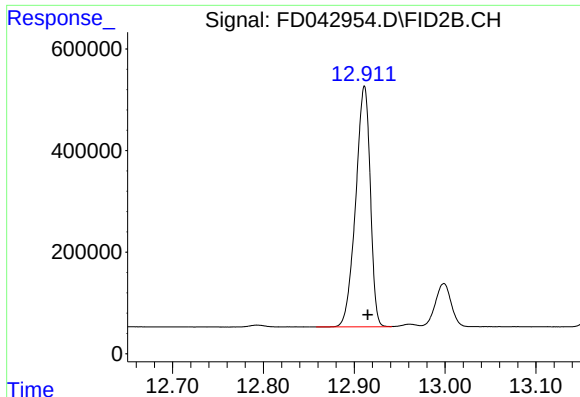
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.010 min
Response: 5936264
Conc: 33.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.613 min
Delta R.T.: -0.004 min
Response: 5354794
Conc: 33.99 ug/ml



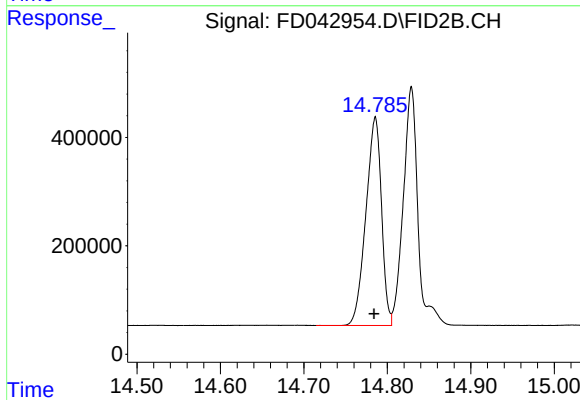
#13 Pyrene (C20.8)

R.T.: 12.911 min
Delta R.T.: -0.004 min
Response: 5294670
Conc: 34.01 ug/ml

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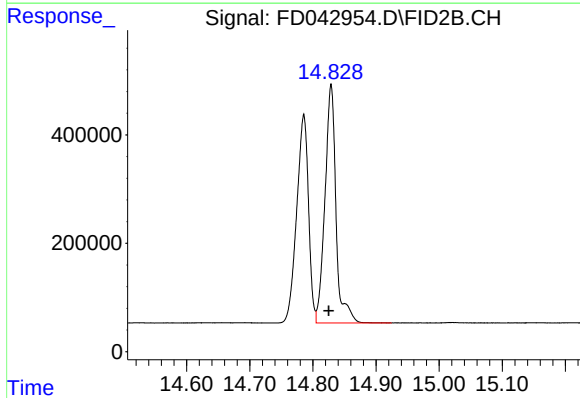
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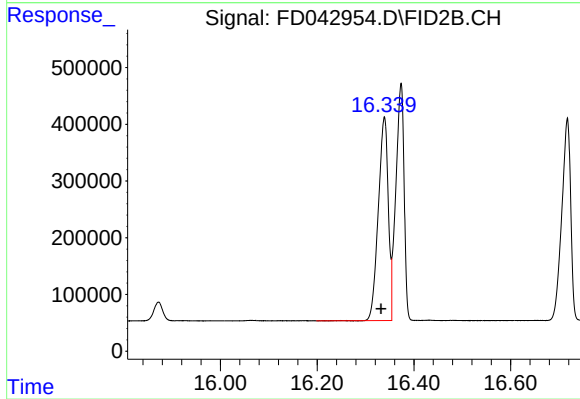
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 4987342
Conc: 37.41 ug/ml



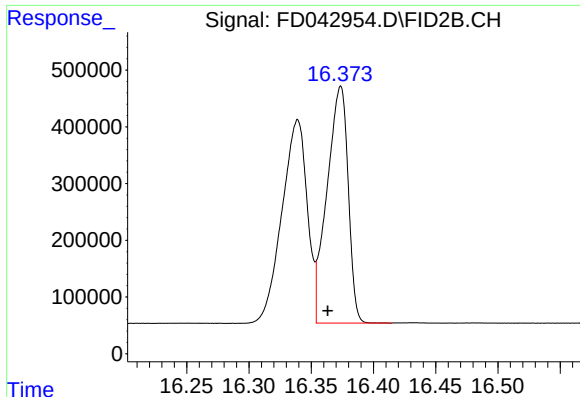
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: 0.003 min
Response: 5347520
Conc: 40.48 ug/ml



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

R.T.: 16.339 min
Delta R.T.: 0.007 min
Response: 5089557
Conc: 38.21 ug/ml



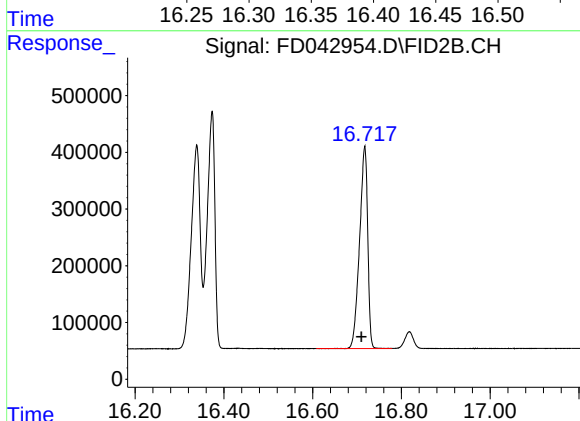
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.373 min
Delta R.T.: 0.010 min
Response: 4930158
Conc: 39.81 ug/ml

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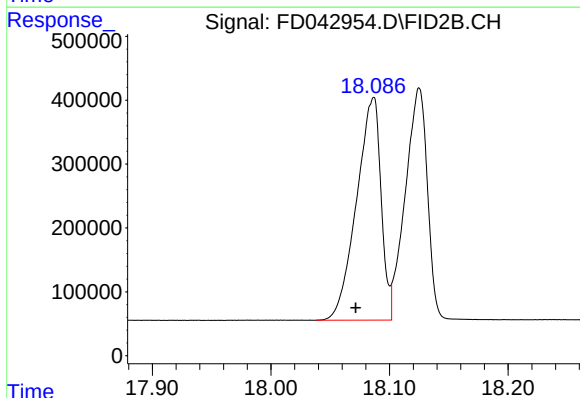
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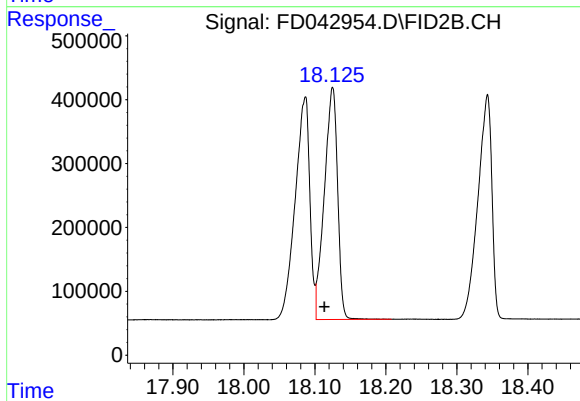
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: 0.007 min
Response: 4551219
Conc: 36.77 ug/ml



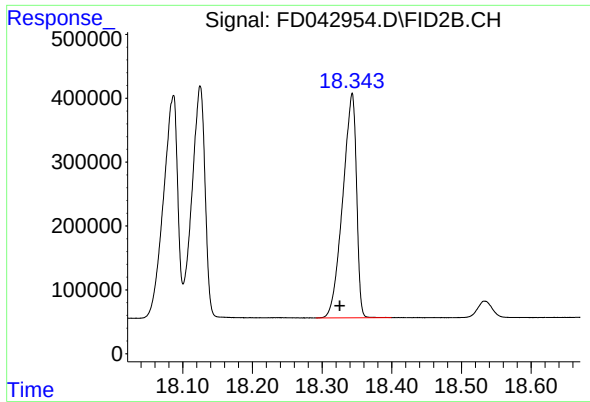
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.085 min
Delta R.T.: 0.014 min
Response: 5007754
Conc: 44.93 ug/ml



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

R.T.: 18.125 min
Delta R.T.: 0.011 min
Response: 4706655
Conc: 42.31 ug/ml



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

R.T.: 18.342 min
Delta R.T.: 0.017 min
Response: 4816251
Conc: 40.52 ug/ml

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