

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042953.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2022 18:36
 Operator : UA/NP
 Sample : PB145624BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145624BS

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 02:45:04 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...	7.652	6189596	40.505 ug/ml
Spiked Amount 50.000		Recovery =	81.01%
6) S 2-Fluorobiphenyl (SURR)	8.517	3991074	38.806 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.61%
11) S ortho-Terphenyl (SURR)	11.566	5741498	32.342 ug/ml
Spiked Amount 50.000		Recovery =	64.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	4407328	26.324 ug/ml
2) T Naphthalene (C11.7)	5.986	4933655	28.536 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	5072118	31.806 ug/ml
5) T Acenaphthylene (C15.06)	8.319	4984098	28.848 ug/mlm
7) T Acenaphthene (C15.5)	8.616	5383874	31.289 ug/ml
8) T Flouorene (C16.55)	9.398	5510016	32.821 ug/ml
9) T Phenanthrene (C19.36)	10.798	5462322	33.218 ug/ml
10) T Anthracene (C19.43)	10.873	5349021	34.997 ug/ml
12) T Fluoranthene (C21.85)	12.613	5168708	32.808 ug/ml
13) T Pyrene (C20.8)	12.911	5117774	32.872 ug/ml
14) T Benzo[a]anthracene (C...	14.785	4815508	36.116 ug/ml
15) T Chrysene (C27.41)	14.829	5168007	39.117 ug/ml
16) T benzo[b]fluoranthene ...	16.339	4926989	36.985 ug/ml
17) T Bnezo[k]fluoranthene ...	16.373	4767124	38.489 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	4399050	35.542 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.086	4833405	43.364 ug/ml
20) T Dibenz[a,h]anthracene...	18.125	4526633	40.694 ug/ml
21) T Benzo[g,h,i]perylene ...	18.342	4664693	39.247 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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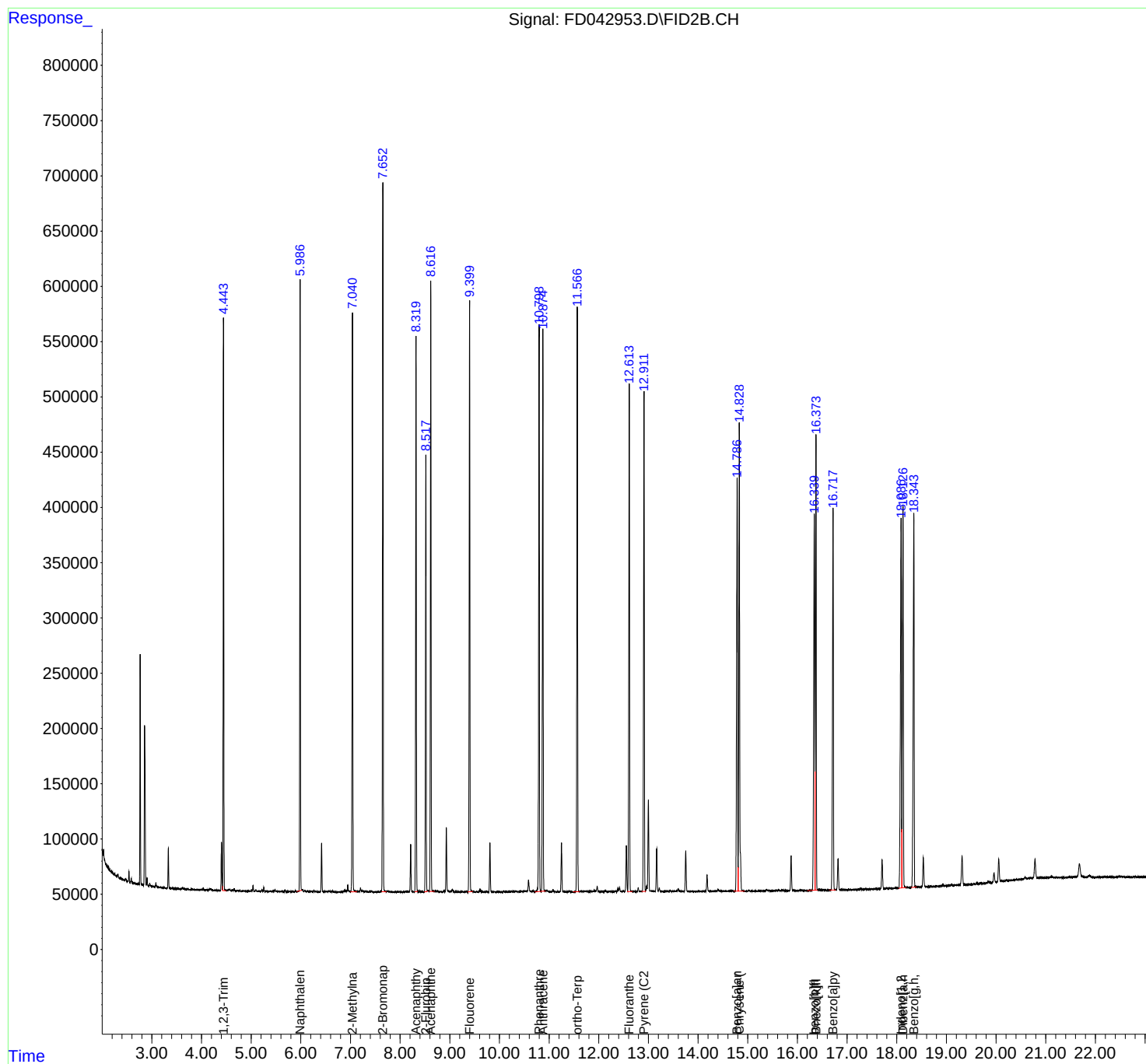
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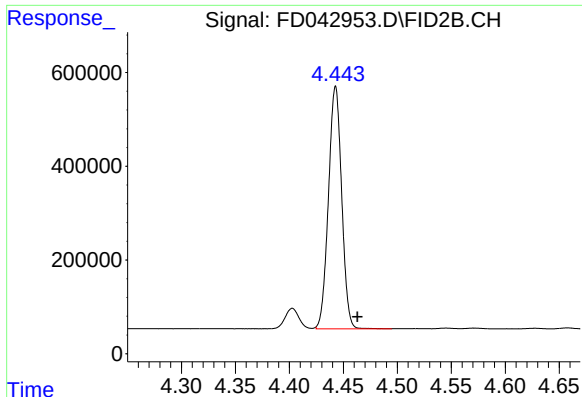
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.020 min
Response: 4407328
Conc: 26.32 ug/ml

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FID_D

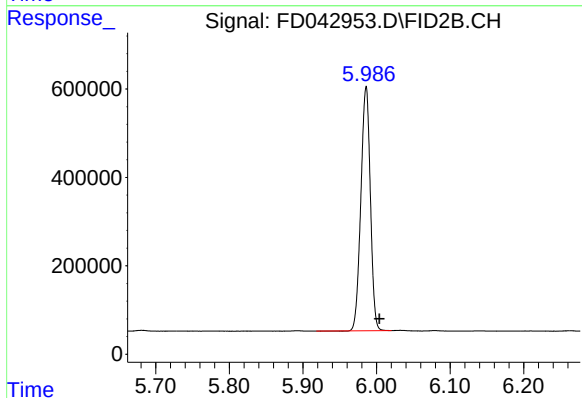
ClientSampleId :

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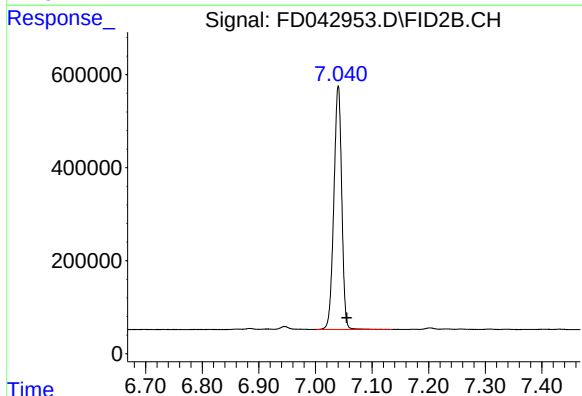
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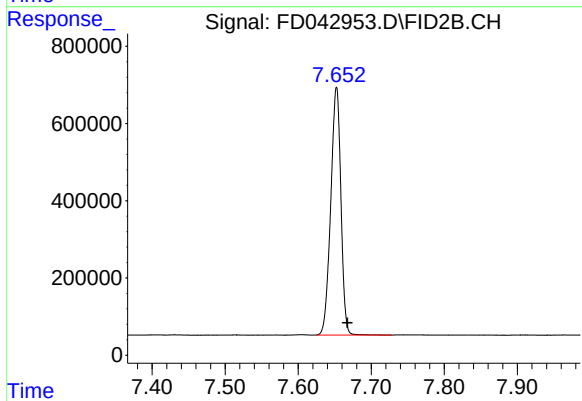
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.018 min
Response: 4933655
Conc: 28.54 ug/ml



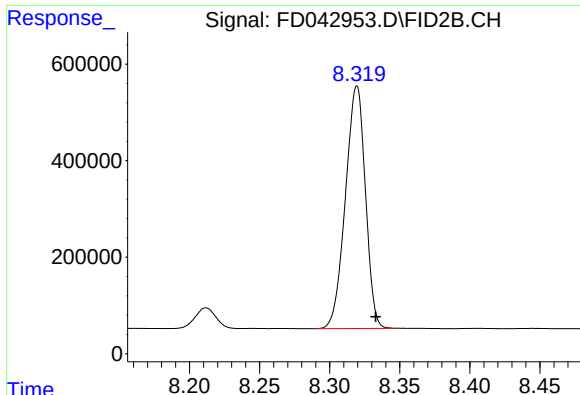
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.015 min
Response: 5072118
Conc: 31.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.652 min
Delta R.T.: -0.015 min
Response: 6189596
Conc: 40.50 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.319 min
Delta R.T.: -0.014 min
Response: 4984098
Conc: 28.85 ug/ml

Instrument :

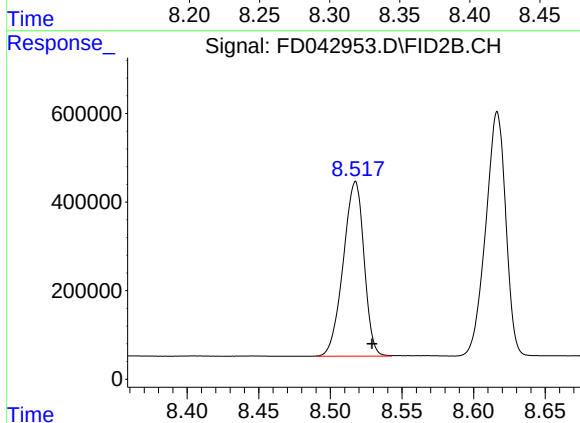
FID_D

ClientSampleId :

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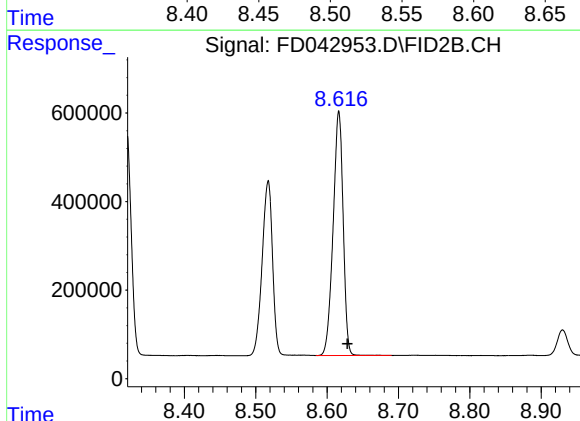
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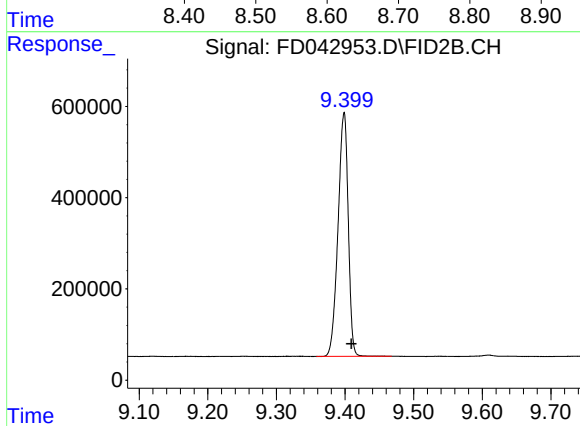
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.012 min
Response: 3991074
Conc: 38.81 ug/ml m



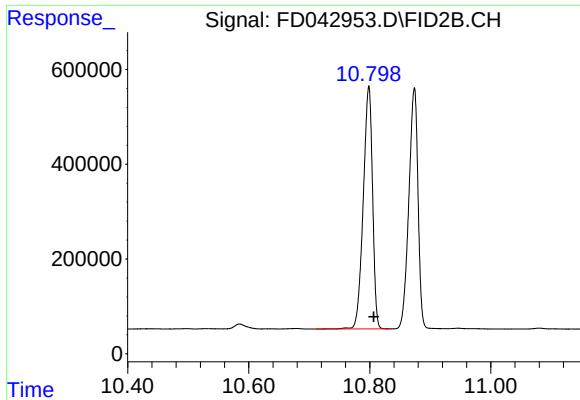
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.012 min
Response: 5383874
Conc: 31.29 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.398 min
Delta R.T.: -0.011 min
Response: 5510016
Conc: 32.82 ug/ml



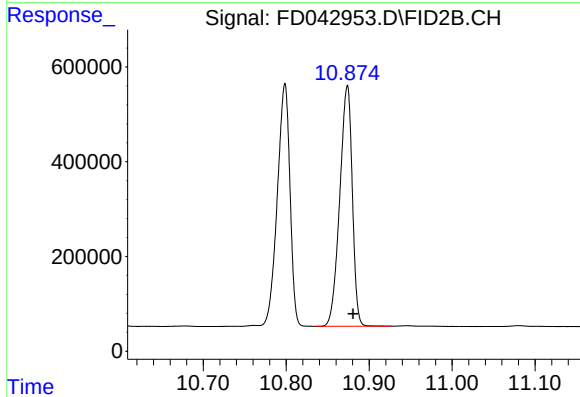
#9 Phenanthrene (C19.36)

R.T.: 10.798 min
Delta R.T.: -0.009 min
Response: 5462322
Conc: 33.22 ug/ml

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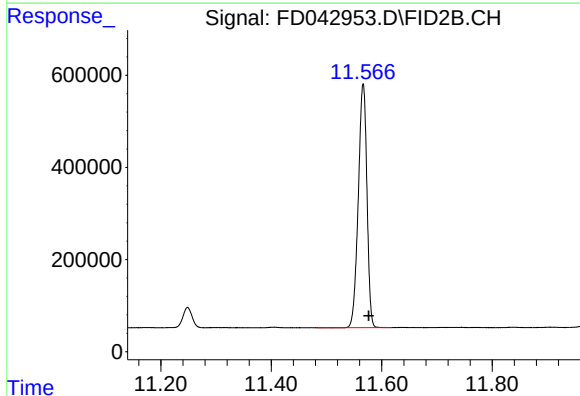
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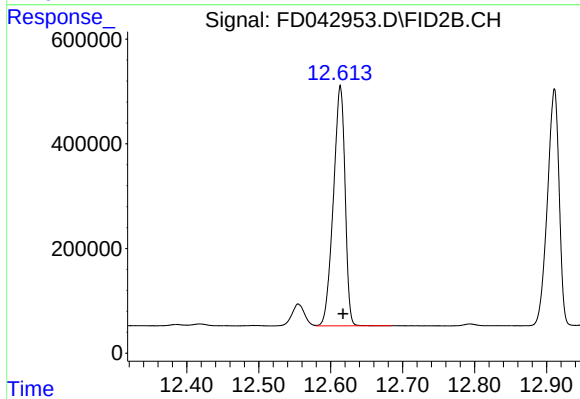
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.007 min
Response: 5349021
Conc: 35.00 ug/ml



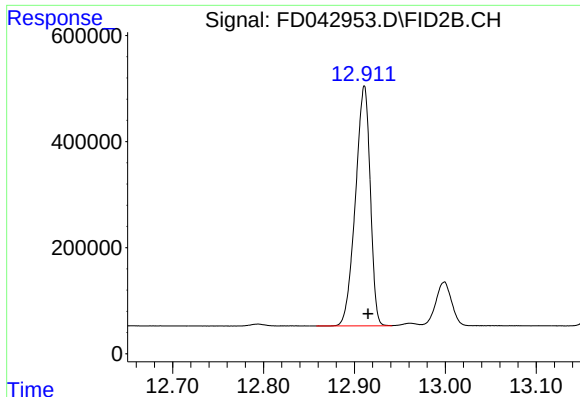
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.010 min
Response: 5741498
Conc: 32.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.613 min
Delta R.T.: -0.004 min
Response: 5168708
Conc: 32.81 ug/ml



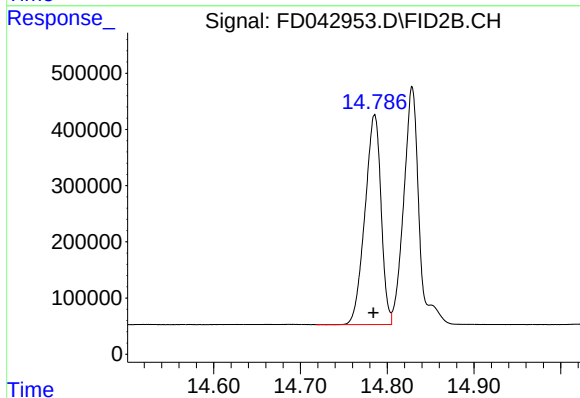
#13 Pyrene (C20.8)

R.T.: 12.911 min
Delta R.T.: -0.004 min
Response: 5117774
Conc: 32.87 ug/ml

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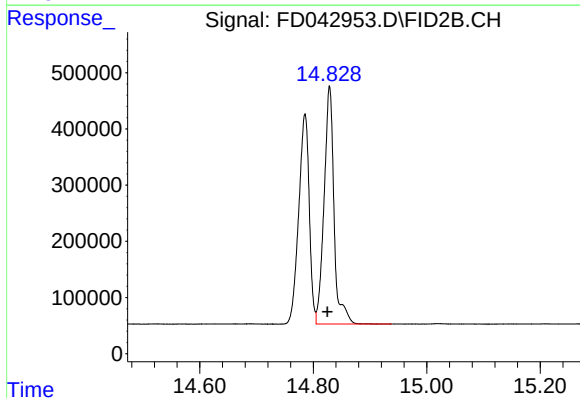
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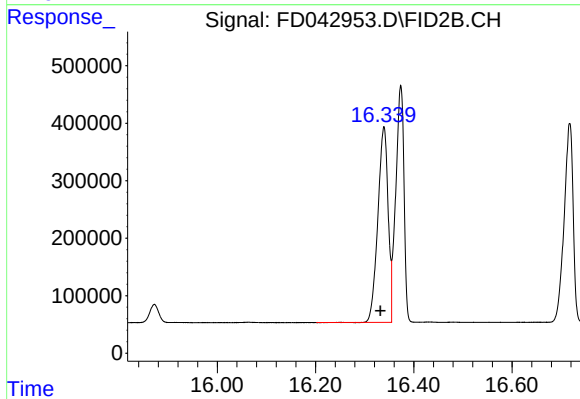
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 4815508
Conc: 36.12 ug/ml



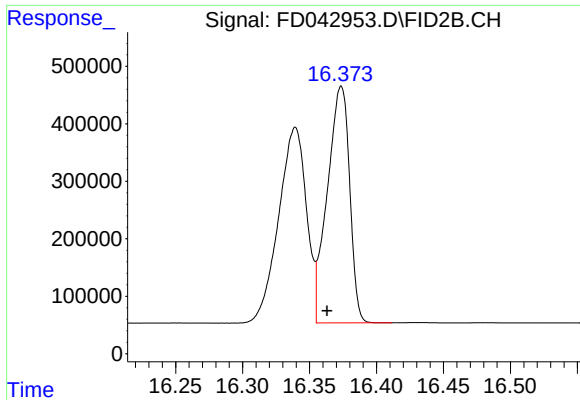
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: 0.003 min
Response: 5168007
Conc: 39.12 ug/ml



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

R.T.: 16.339 min
Delta R.T.: 0.007 min
Response: 4926989
Conc: 36.98 ug/ml



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

R.T.: 16.373 min
Delta R.T.: 0.010 min
Response: 4767124
Conc: 38.49 ug/ml

Instrument :

FID_D

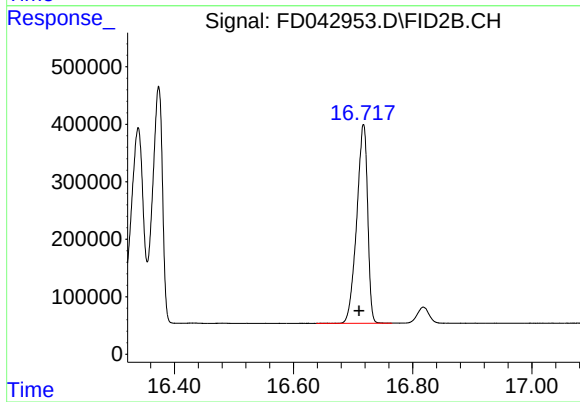
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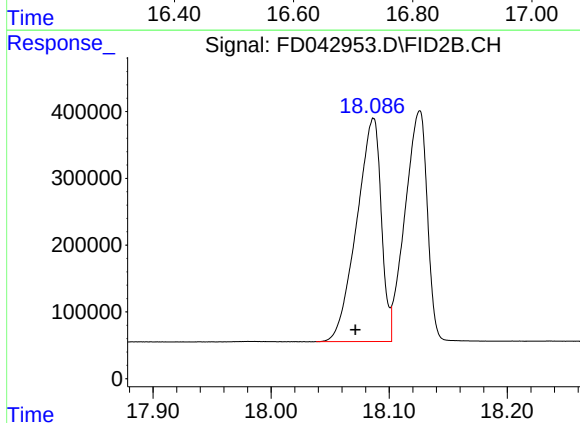
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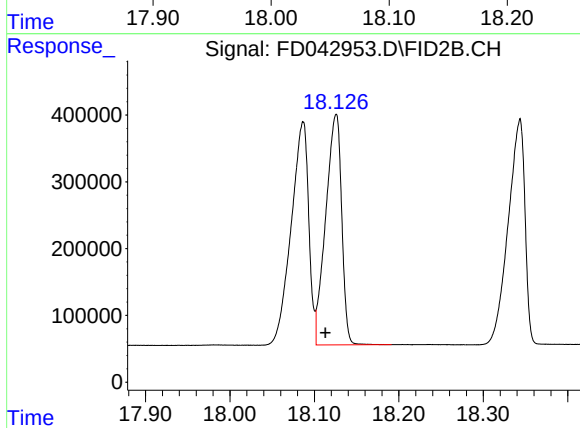
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: 0.007 min
Response: 4399050
Conc: 35.54 ug/ml



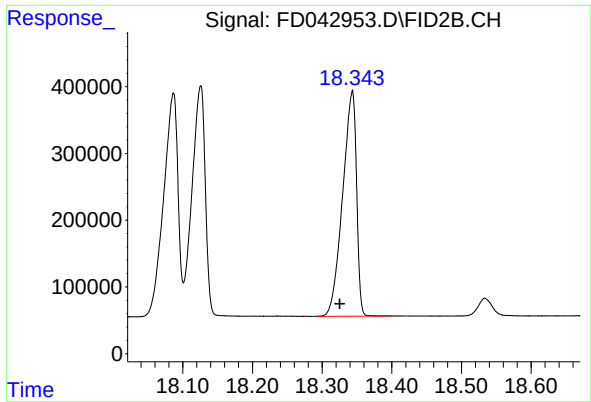
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.086 min
Delta R.T.: 0.014 min
Response: 4833405
Conc: 43.36 ug/ml



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

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 4526633
Conc: 40.69 ug/ml



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

R.T.: 18.342 min
Delta R.T.: 0.017 min
Response: 4664693
Conc: 39.25 ug/ml

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