

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
 Data File : FD040356.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 16:24
 Operator : AJ\MA
 Sample : PB141625BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141625BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 00:41:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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...	6.798	6395646	48.675 ug/ml
Spiked Amount 50.000		Recovery =	97.35%
6) S 2-Fluorobiphenyl (SURR)	7.647	4222089	49.724 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.45%
11) S ortho-Terphenyl (SURR)	10.681	6241201	44.667 ug/ml
Spiked Amount 50.000		Recovery =	89.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.651	5779061	38.426 ug/mlm
2) T Naphthalene (C11.7)	5.148	6481940	42.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.189	6610635	44.026 ug/ml
5) T Acenaphthylene (C15.06)	7.453	6465831	47.494 ug/ml
7) T Acenaphthene (C15.5)	7.747	6992693	48.137 ug/ml
8) T Flouorene (C16.55)	8.523	7029328	50.905 ug/ml
9) T Phenanthrene (C19.36)	9.910	7234994	53.668 ug/ml
10) T Anthracene (C19.43)	9.985	6946116	55.232 ug/ml
12) T Fluoranthene (C21.85)	11.713	7305527	54.395 ug/ml
13) T Pyrene (C20.8)	12.007	7196249	55.089 ug/ml
14) T Benzo[a]anthracene (C...	13.874	6826973	58.429 ug/ml
15) T Chrysene (C27.41)	13.919	6771244	54.160 ug/ml
16) T benzo[b]fluoranthene ...	15.419	6823727	55.013 ug/ml
17) T Bnezo[k]fluoranthene ...	15.454	6784340	54.600 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.793	5967097	49.569 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.153	5052944	43.536 ug/ml
20) T Dibenz[a,h]anthracene...	17.195	5359657	47.156 ug/ml
21) T Benzo[g,h,i]perylene ...	17.408	5523609	45.261 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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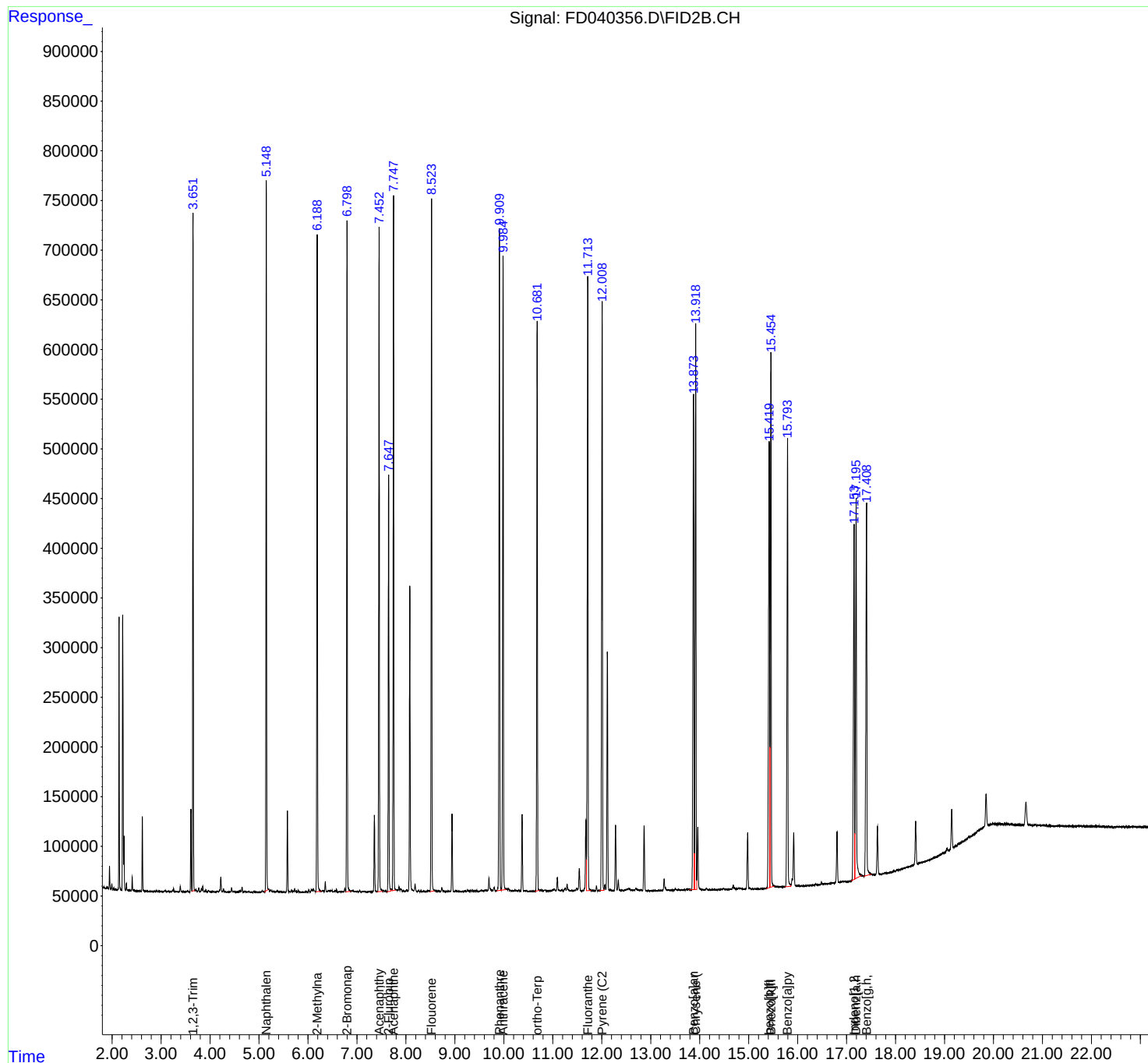
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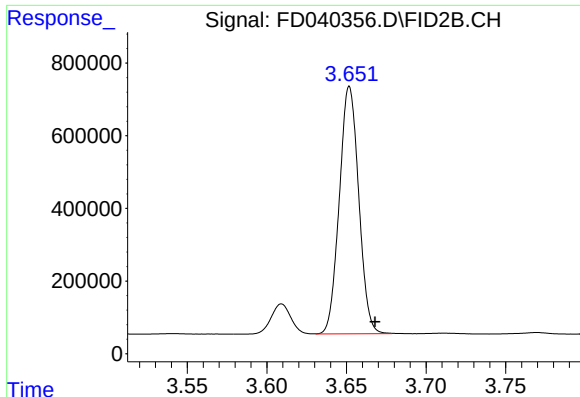
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.651 min
Delta R.T.: -0.017 min
Response: 5779061
Conc: 38.43 ug/ml

Instrument :

FID_D

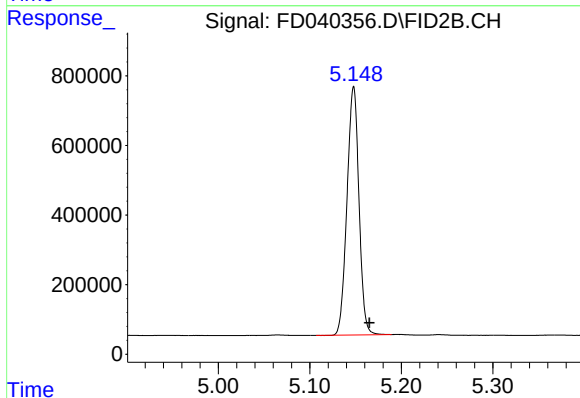
ClientSampleId :

PB141625BS

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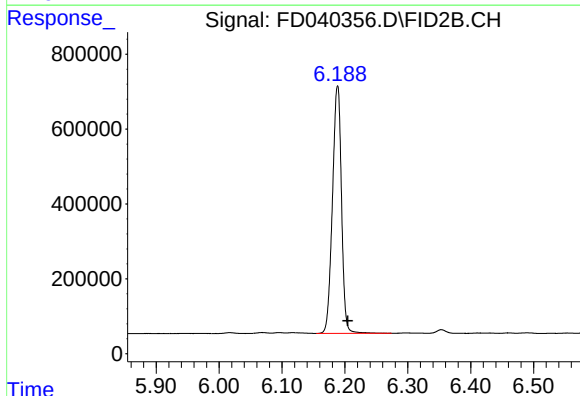
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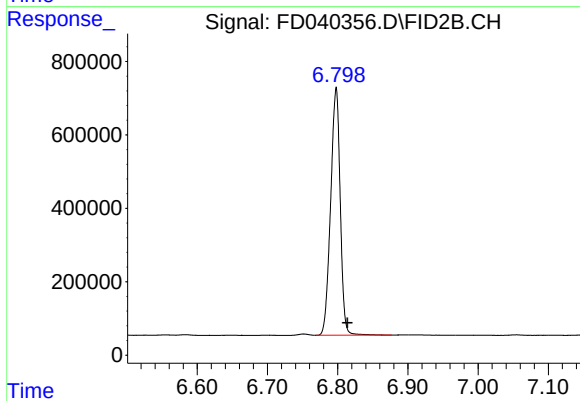
#2 Naphthalene (C11.7)

R.T.: 5.148 min
Delta R.T.: -0.017 min
Response: 6481940
Conc: 42.97 ug/ml



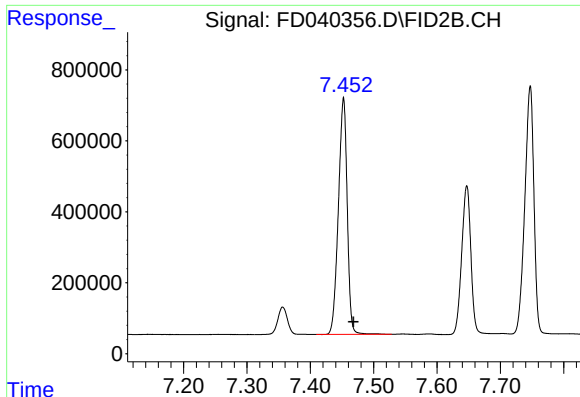
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.016 min
Response: 6610635
Conc: 44.03 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.798 min
Delta R.T.: -0.016 min
Response: 6395646
Conc: 48.67 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.453 min
Delta R.T.: -0.015 min
Response: 6465831
Conc: 47.49 ug/ml

Instrument :

FID_D

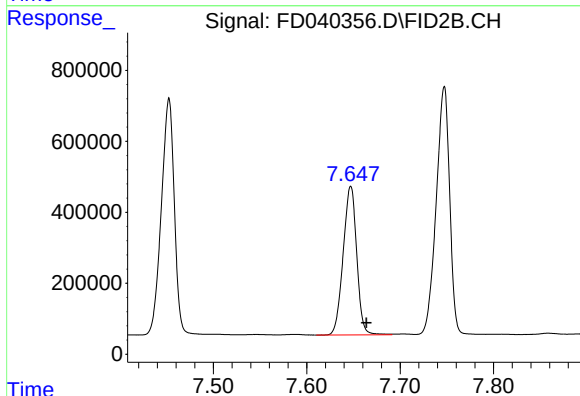
ClientSampleId :

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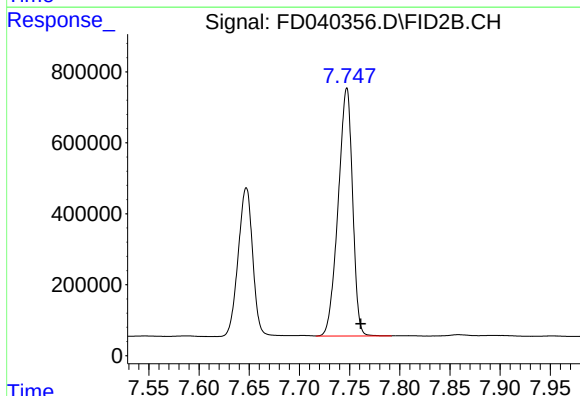
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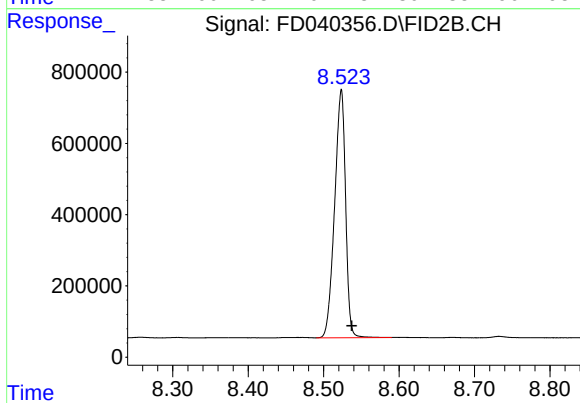
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.647 min
Delta R.T.: -0.017 min
Response: 4222089
Conc: 49.72 ug/ml



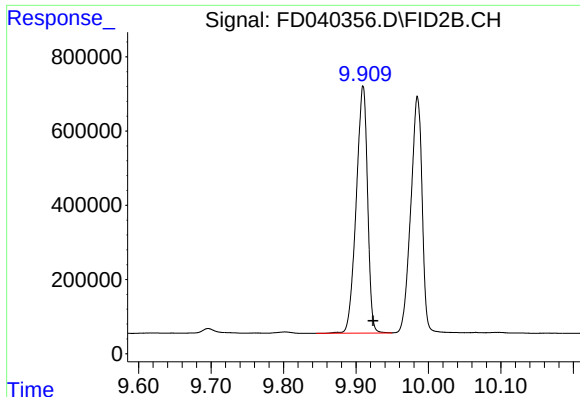
#7 Acenaphthene (C15.5)

R.T.: 7.747 min
Delta R.T.: -0.014 min
Response: 6992693
Conc: 48.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.523 min
Delta R.T.: -0.014 min
Response: 7029328
Conc: 50.91 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.910 min
Delta R.T.: -0.014 min
Response: 7234994
Conc: 53.67 ug/ml

Instrument :

FID_D

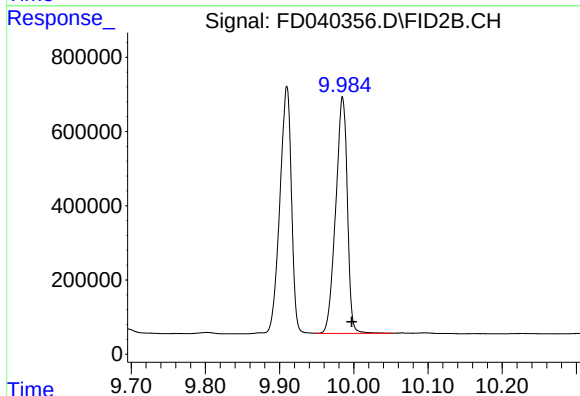
ClientSampleId :

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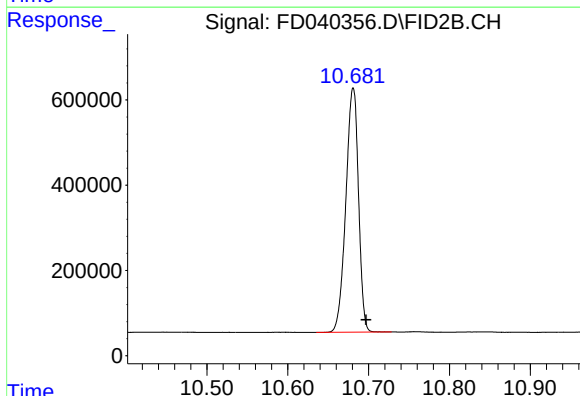
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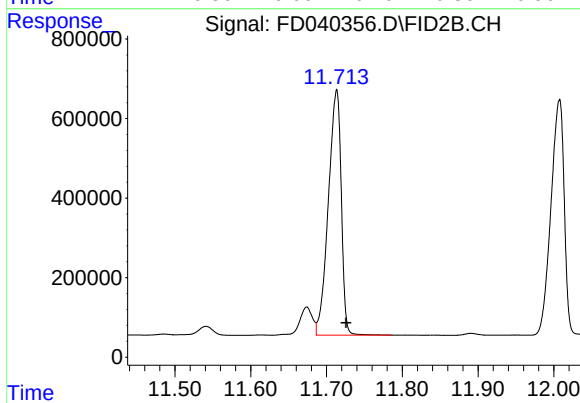
#10 Anthracene (C19.43)

R.T.: 9.985 min
Delta R.T.: -0.012 min
Response: 6946116
Conc: 55.23 ug/ml



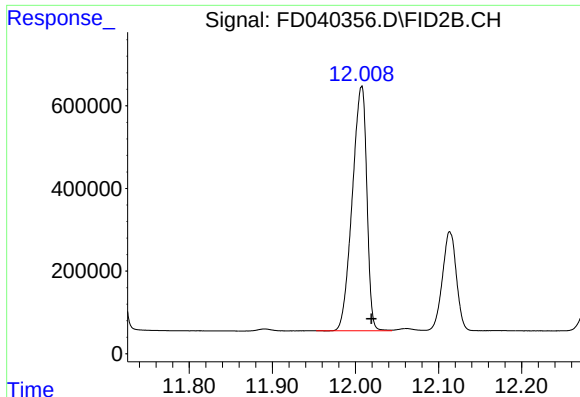
#11 ortho-Terphenyl (SURR)

R.T.: 10.681 min
Delta R.T.: -0.016 min
Response: 6241201
Conc: 44.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.713 min
Delta R.T.: -0.012 min
Response: 7305527
Conc: 54.40 ug/ml



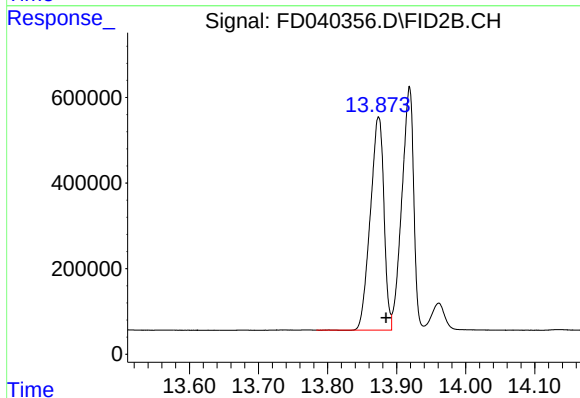
#13 Pyrene (C20.8)

R.T.: 12.007 min
Delta R.T.: -0.012 min
Response: 7196249
Conc: 55.09 ug/ml

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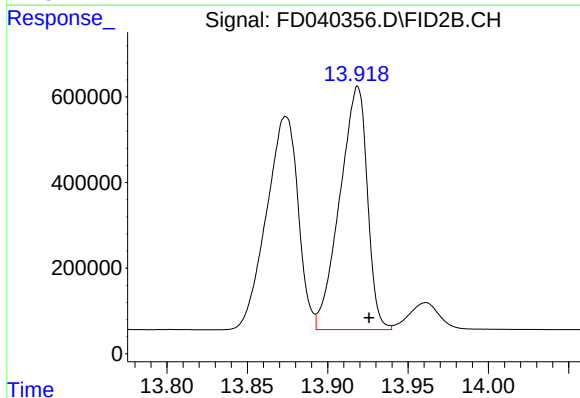
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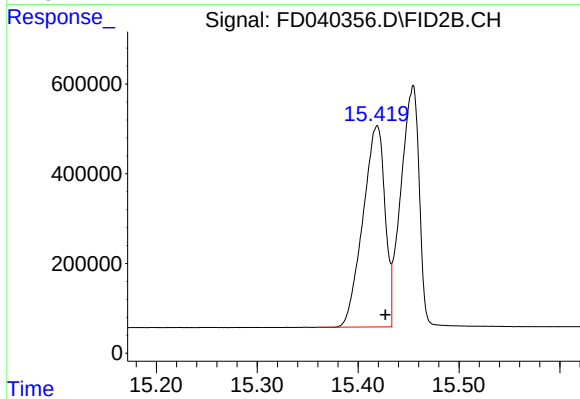
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.874 min
Delta R.T.: -0.011 min
Response: 6826973
Conc: 58.43 ug/ml



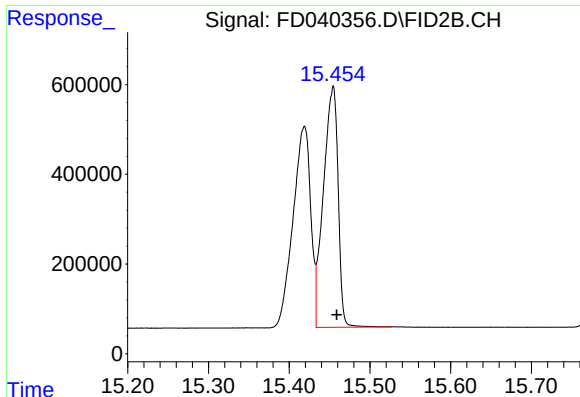
#15 Chrysene (C27.41)

R.T.: 13.919 min
Delta R.T.: -0.007 min
Response: 6771244
Conc: 54.16 ug/ml



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

R.T.: 15.419 min
Delta R.T.: -0.008 min
Response: 6823727
Conc: 55.01 ug/ml



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

R.T.: 15.454 min
Delta R.T.: -0.004 min
Response: 6784340
Conc: 54.60 ug/ml

Instrument :

FID_D

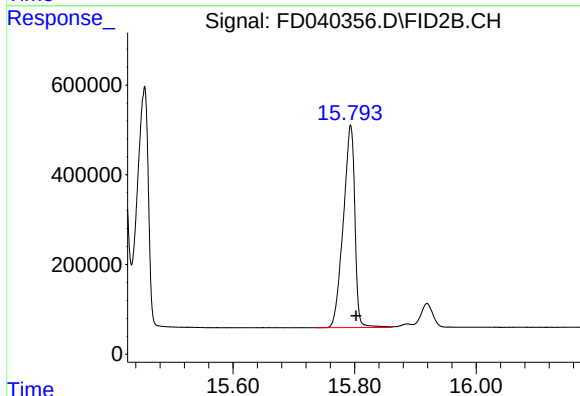
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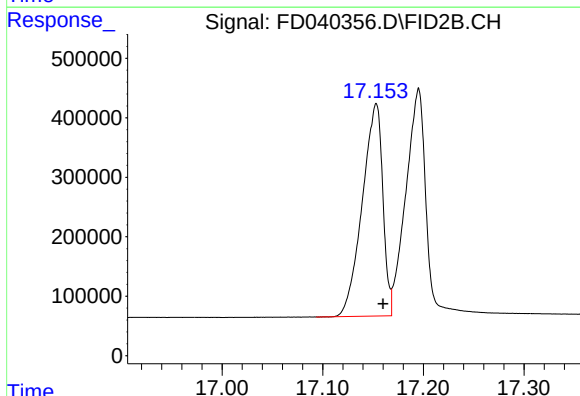
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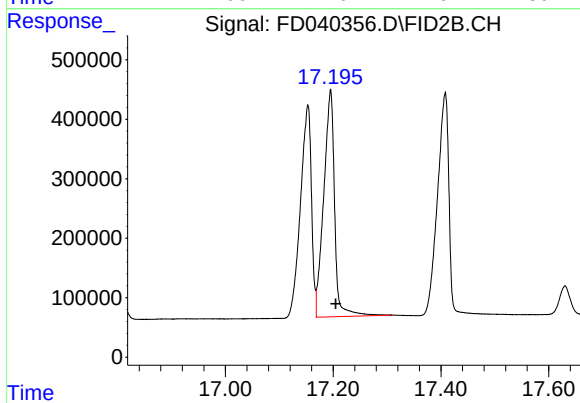
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.793 min
Delta R.T.: -0.009 min
Response: 5967097
Conc: 49.57 ug/ml



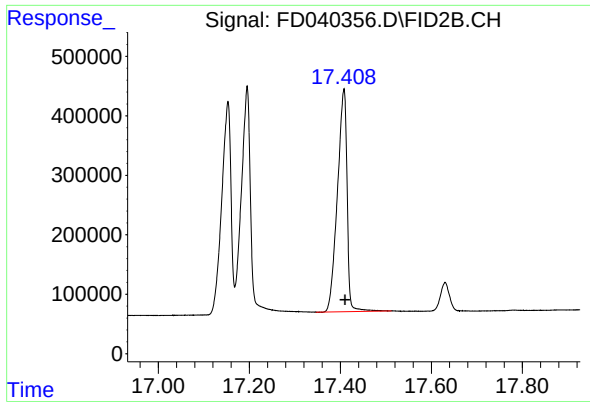
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.153 min
Delta R.T.: -0.007 min
Response: 5052944
Conc: 43.54 ug/ml



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

R.T.: 17.195 min
Delta R.T.: -0.010 min
Response: 5359657
Conc: 47.16 ug/ml



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

R.T.: 17.408 min
Delta R.T.: -0.002 min
Response: 5523609
Conc: 45.26 ug/ml

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