

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
 Data File : FD040360.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 18:38
 Operator : AJ\MA
 Sample : PB141781BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141781BSD

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 00:42:56 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...	6.796	6314396	48.056 ug/ml
Spiked Amount 50.000		Recovery =	96.11%
6) S 2-Fluorobiphenyl (SURR)	7.645	4198683	49.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.90%
11) S ortho-Terphenyl (SURR)	10.678	6189887	44.299 ug/ml
Spiked Amount 50.000		Recovery =	88.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.650	5669742	37.699 ug/mlm
2) T Naphthalene (C11.7)	5.146	6455336	42.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.186	6514243	43.384 ug/ml
5) T Acenaphthylene (C15.06)	7.450	6394246	46.969 ug/ml
7) T Acenaphthene (C15.5)	7.746	6947153	47.823 ug/ml
8) T Fluorene (C16.55)	8.521	6958735	50.394 ug/ml
9) T Phenanthrene (C19.36)	9.908	7159328	53.106 ug/ml
10) T Anthracene (C19.43)	9.983	6893612	54.814 ug/ml
12) T Fluoranthene (C21.85)	11.711	7230521	53.837 ug/ml
13) T Pyrene (C20.8)	12.004	7122418	54.523 ug/ml
14) T Benzo[a]anthracene (C...	13.871	6820230	58.372 ug/ml
15) T Chrysene (C27.41)	13.915	6732455	53.849 ug/ml
16) T benzo[b]fluoranthene ...	15.415	6775236	54.622 ug/ml
17) T Bnezo[k]fluoranthene ...	15.451	6746059	54.292 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.790	5952120	49.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.150	5345323	46.055 ug/ml
20) T Dibenz[a,h]anthracene...	17.192	5871112	51.655 ug/ml
21) T Benzo[g,h,i]perylene ...	17.405	5836502	47.825 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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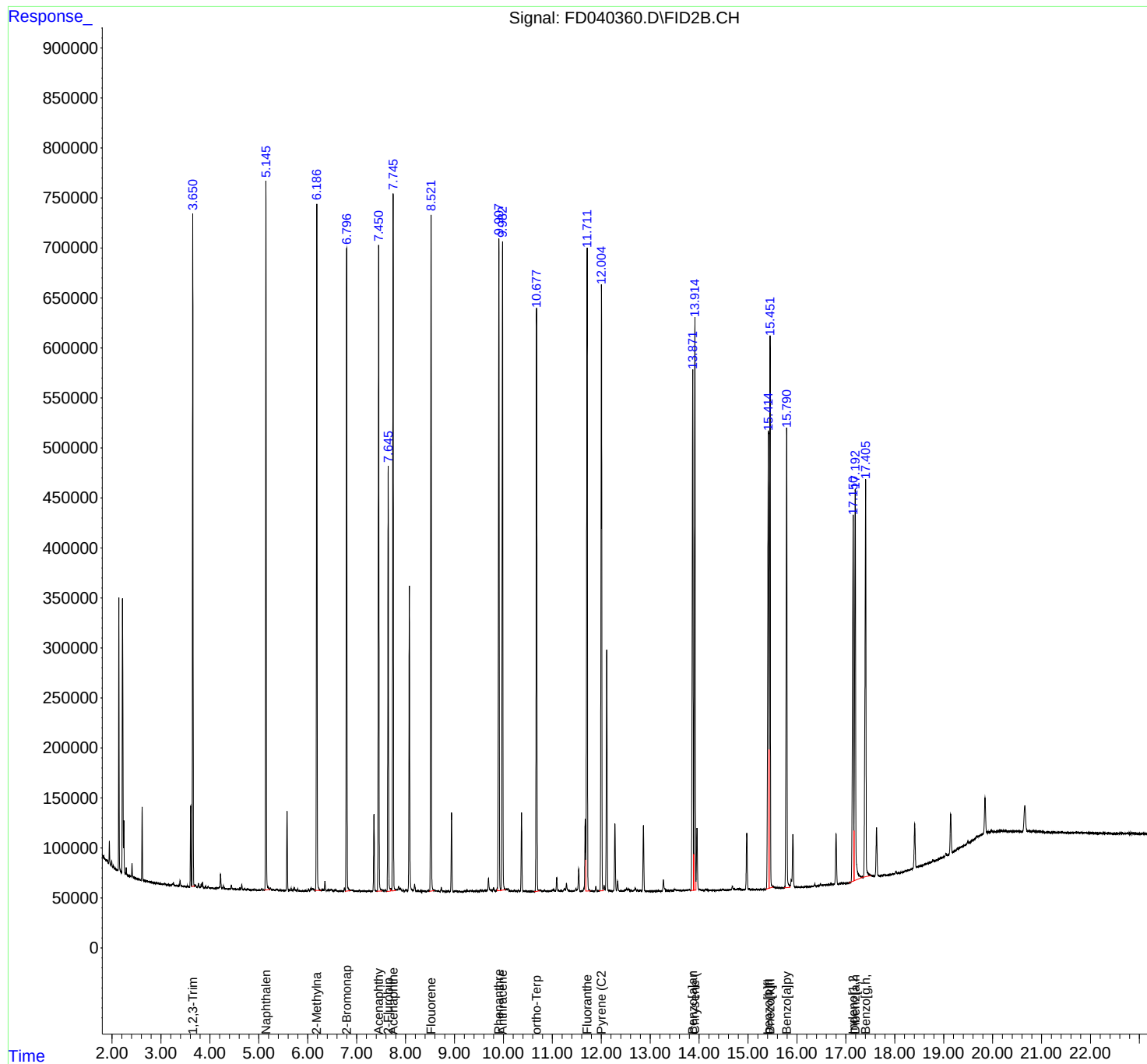
Instrument :
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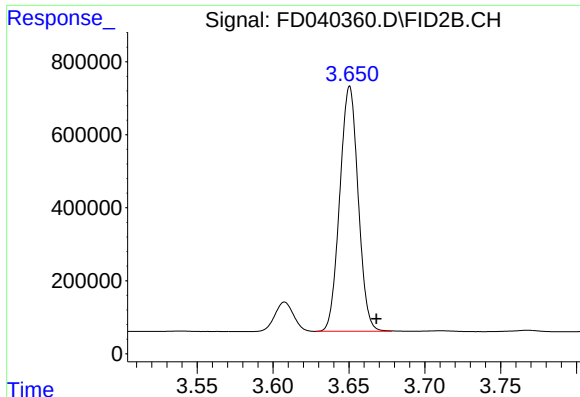
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.650 min
Delta R.T.: -0.018 min
Response: 5669742
Conc: 37.70 ug/ml

Instrument :

FID_D

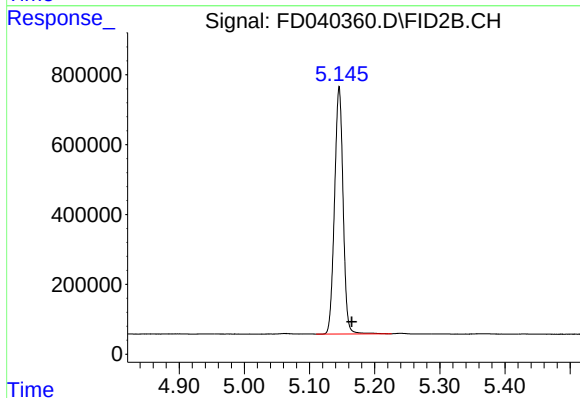
ClientSampleId :

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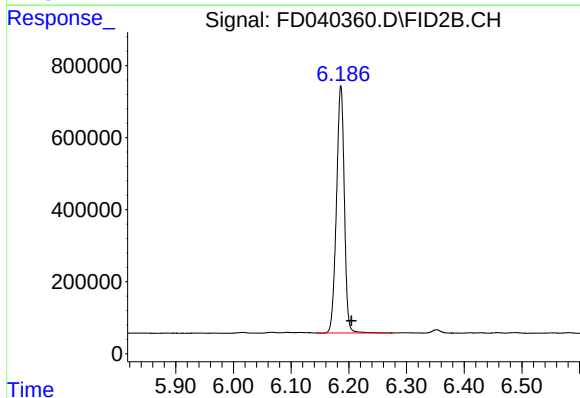
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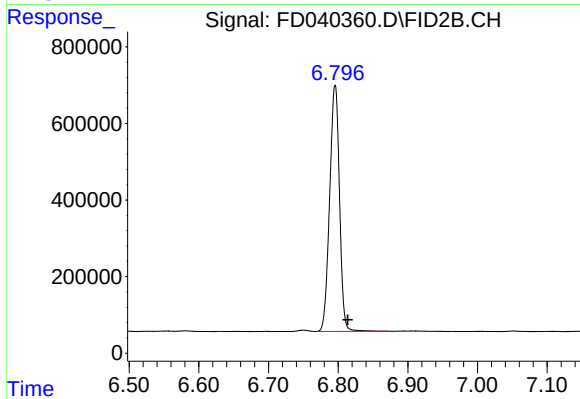
#2 Naphthalene (C11.7)

R.T.: 5.146 min
Delta R.T.: -0.019 min
Response: 6455336
Conc: 42.79 ug/ml



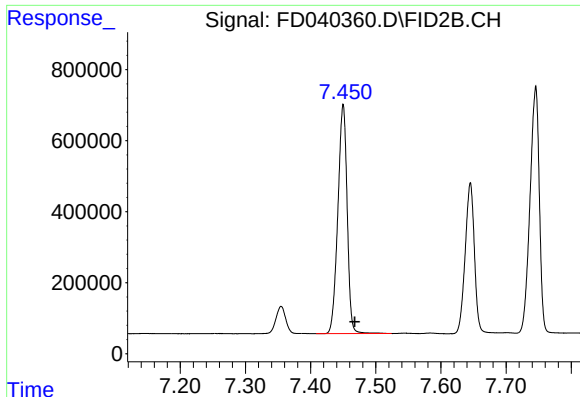
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.018 min
Response: 6514243
Conc: 43.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.796 min
Delta R.T.: -0.018 min
Response: 6314396
Conc: 48.06 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.450 min
Delta R.T.: -0.018 min
Response: 6394246
Conc: 46.97 ug/ml

Instrument :

FID_D

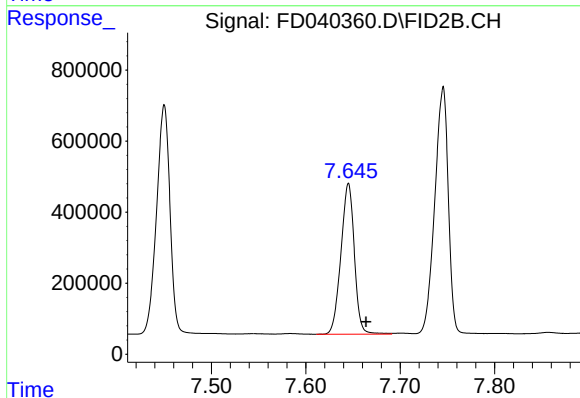
ClientSampleId :

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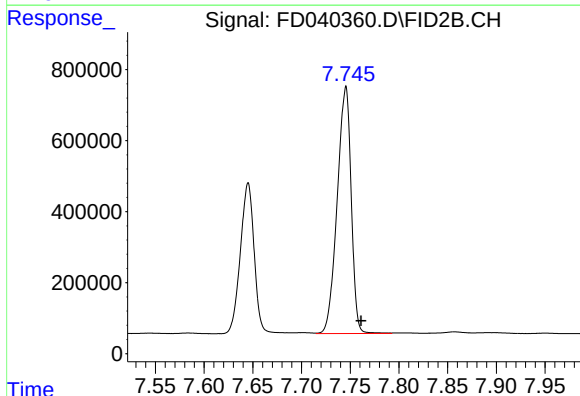
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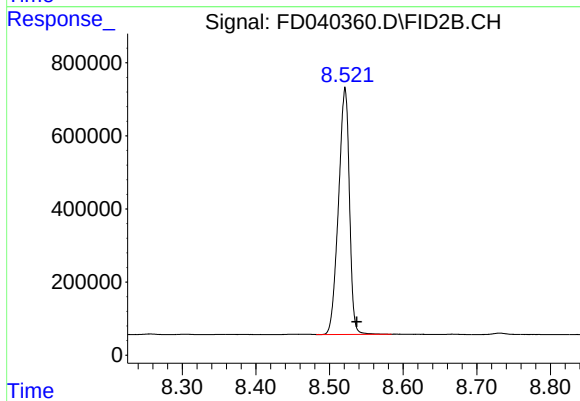
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.645 min
Delta R.T.: -0.019 min
Response: 4198683
Conc: 49.45 ug/ml



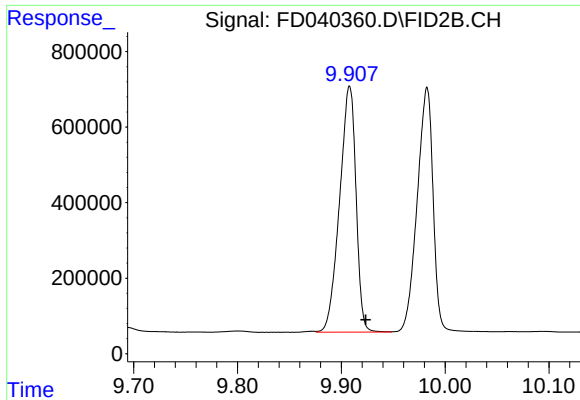
#7 Acenaphthene (C15.5)

R.T.: 7.746 min
Delta R.T.: -0.015 min
Response: 6947153
Conc: 47.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.521 min
Delta R.T.: -0.016 min
Response: 6958735
Conc: 50.39 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.908 min
Delta R.T.: -0.016 min
Response: 7159328
Conc: 53.11 ug/ml

Instrument :

FID_D

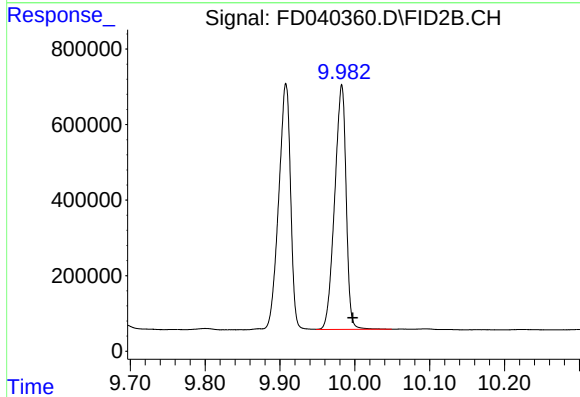
ClientSampleId :

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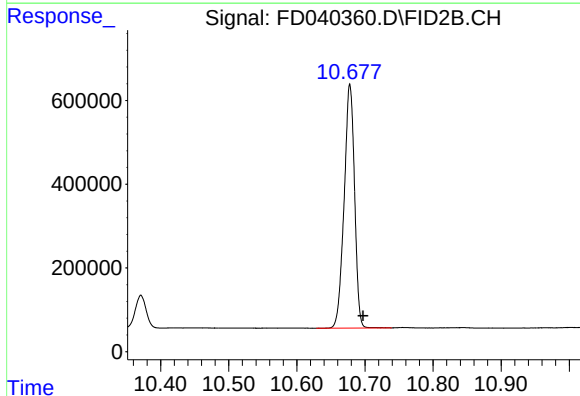
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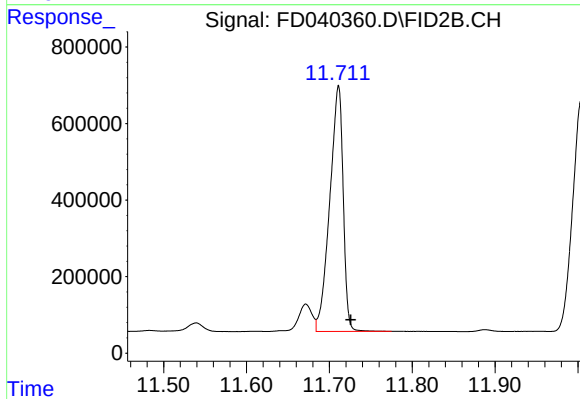
#10 Anthracene (C19.43)

R.T.: 9.983 min
Delta R.T.: -0.015 min
Response: 6893612
Conc: 54.81 ug/ml



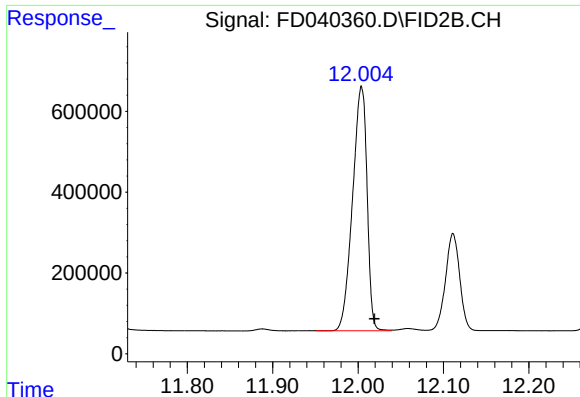
#11 ortho-Terphenyl (SURR)

R.T.: 10.678 min
Delta R.T.: -0.019 min
Response: 6189887
Conc: 44.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.711 min
Delta R.T.: -0.015 min
Response: 7230521
Conc: 53.84 ug/ml



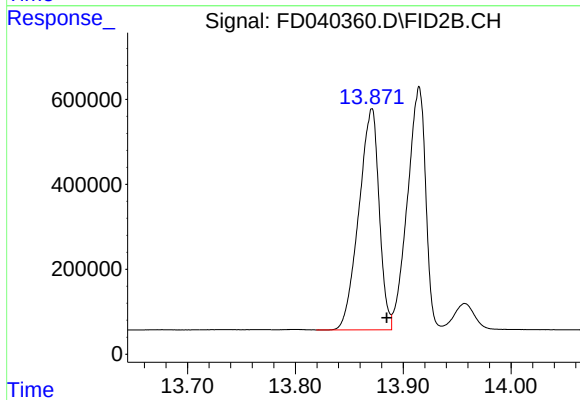
#13 Pyrene (C20.8)

R.T.: 12.004 min
Delta R.T.: -0.015 min
Response: 7122418
Conc: 54.52 ug/ml

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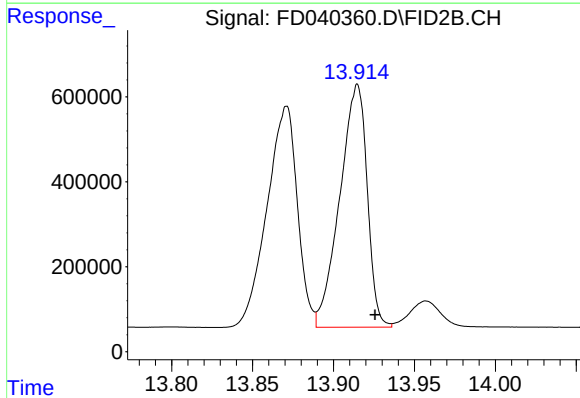
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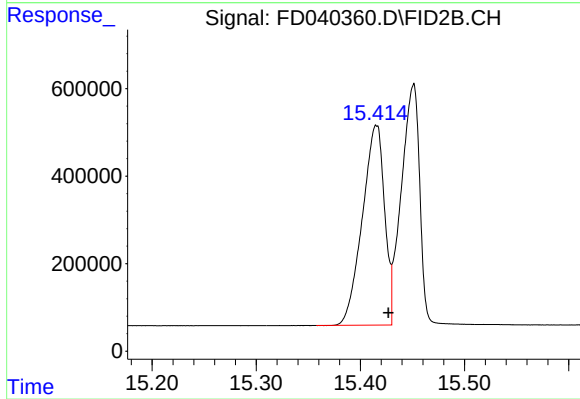
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.871 min
Delta R.T.: -0.014 min
Response: 6820230
Conc: 58.37 ug/ml



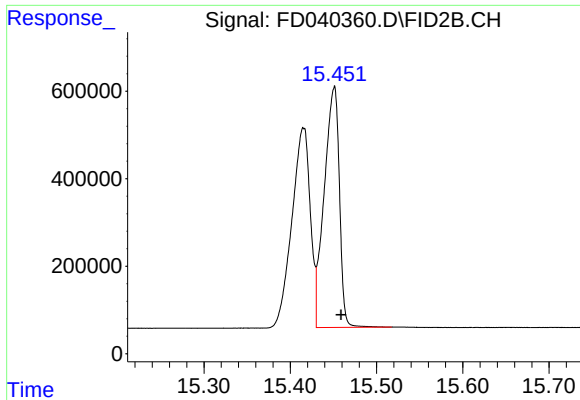
#15 Chrysene (C27.41)

R.T.: 13.915 min
Delta R.T.: -0.011 min
Response: 6732455
Conc: 53.85 ug/ml



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

R.T.: 15.415 min
Delta R.T.: -0.012 min
Response: 6775236
Conc: 54.62 ug/ml



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

R.T.: 15.451 min
Delta R.T.: -0.008 min
Response: 6746059
Conc: 54.29 ug/ml

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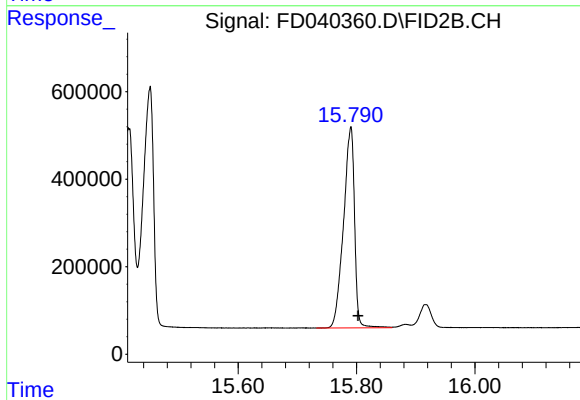
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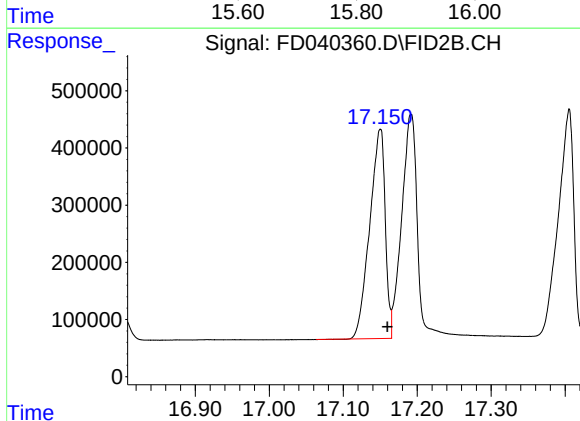
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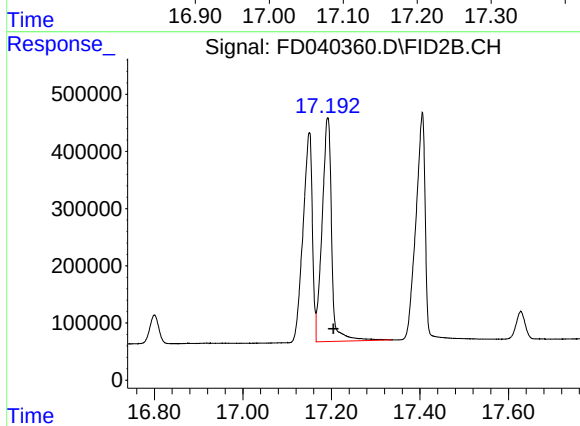
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.790 min
Delta R.T.: -0.012 min
Response: 5952120
Conc: 49.44 ug/ml



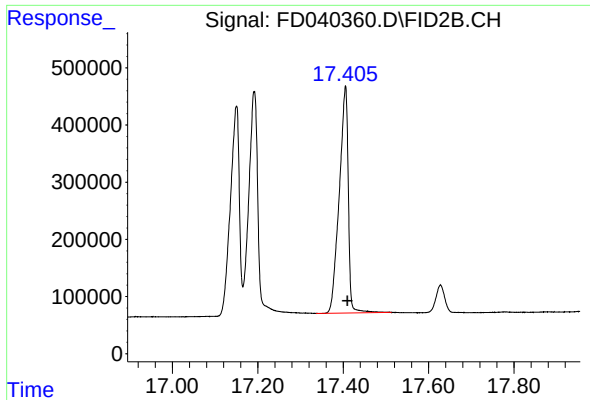
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.150 min
Delta R.T.: -0.010 min
Response: 5345323
Conc: 46.06 ug/ml



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

R.T.: 17.192 min
Delta R.T.: -0.013 min
Response: 5871112
Conc: 51.66 ug/ml



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

R.T.: 17.405 min
Delta R.T.: -0.005 min
Response: 5836502
Conc: 47.82 ug/ml

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