

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
 Data File : FD040359.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 18:04
 Operator : AJ\MA
 Sample : PB141781BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141781BS

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 00:42:38 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...	6.797	6412414	48.802 ug/ml
Spiked Amount 50.000		Recovery =	97.60%
6) S 2-Fluorobiphenyl (SURR)	7.646	4210263	49.585 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.17%
11) S ortho-Terphenyl (SURR)	10.680	6268588	44.863 ug/ml
Spiked Amount 50.000		Recovery =	89.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.651	5793230	38.520 ug/mlm
2) T Naphthalene (C11.7)	5.147	6570044	43.550 ug/ml
3) T 2-Methylnaphthalene (...)	6.188	6624690	44.120 ug/ml
5) T Acenaphthylene (C15.06)	7.452	6497521	47.727 ug/ml
7) T Acenaphthene (C15.5)	7.746	7008580	48.246 ug/ml
8) T Flouorene (C16.55)	8.522	7072676	51.219 ug/ml
9) T Phenanthrene (C19.36)	9.909	7282115	54.017 ug/ml
10) T Anthracene (C19.43)	9.983	6988662	55.570 ug/ml
12) T Fluoranthene (C21.85)	11.711	7342293	54.669 ug/ml
13) T Pyrene (C20.8)	12.006	7230954	55.354 ug/ml
14) T Benzo[a]anthracene (C...	13.872	6916406	59.195 ug/ml
15) T Chrysene (C27.41)	13.916	6837788	54.692 ug/ml
16) T benzo[b]fluoranthene ...	15.416	6851039	55.233 ug/ml
17) T Bnezo[k]fluoranthene ...	15.452	6854471	55.164 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.791	6022284	50.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.151	5146448	44.342 ug/ml
20) T Dibenz[a,h]anthracene...	17.193	5560464	48.922 ug/ml
21) T Benzo[g,h,i]perylene ...	17.406	5622273	46.069 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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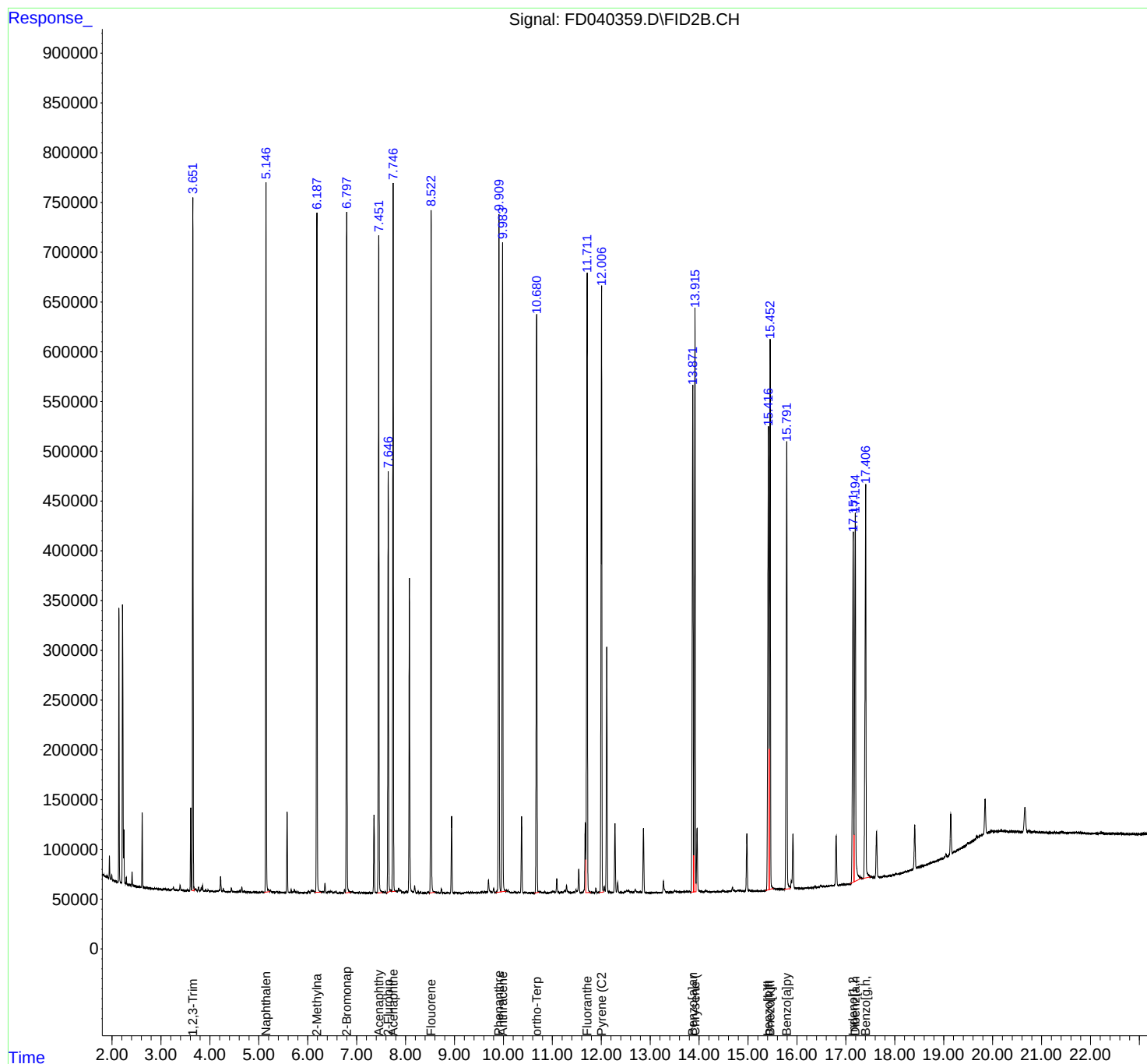
Instrument :
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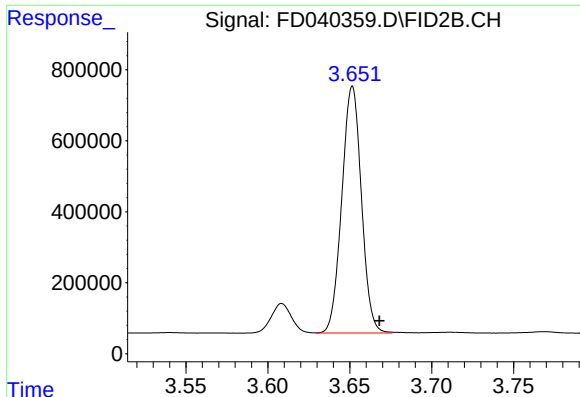
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.651 min
Delta R.T.: -0.017 min
Response: 5793230
Conc: 38.52 ug/ml

Instrument :

FID_D

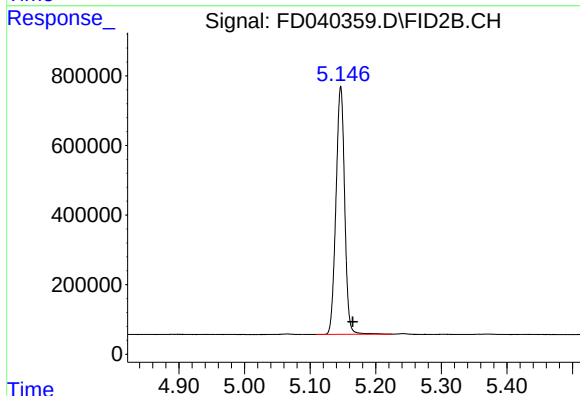
ClientSampleId :

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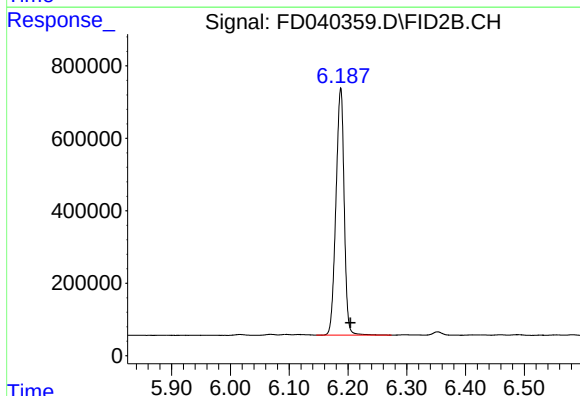
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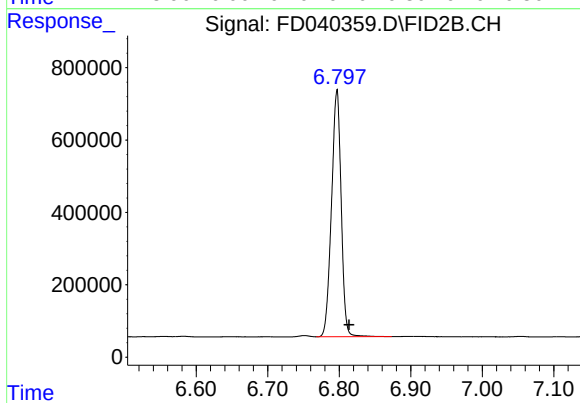
#2 Naphthalene (C11.7)

R.T.: 5.147 min
Delta R.T.: -0.018 min
Response: 6570044
Conc: 43.55 ug/ml



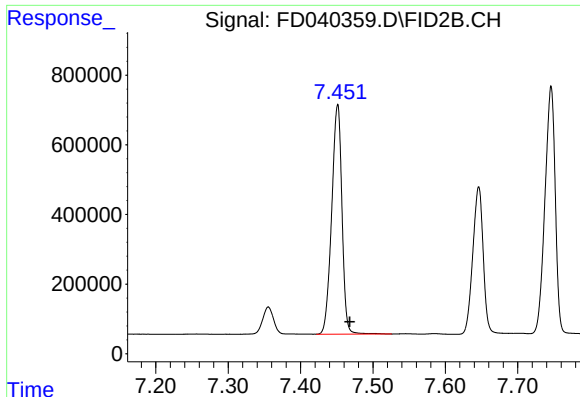
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.017 min
Response: 6624690
Conc: 44.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.797 min
Delta R.T.: -0.017 min
Response: 6412414
Conc: 48.80 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.452 min
Delta R.T.: -0.016 min
Response: 6497521
Conc: 47.73 ug/ml

Instrument :

FID_D

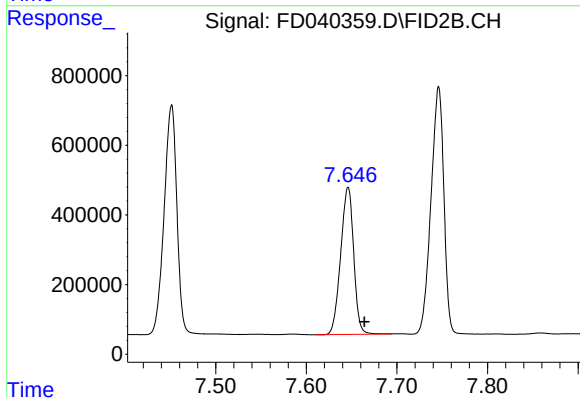
ClientSampleId :

PB141781BS

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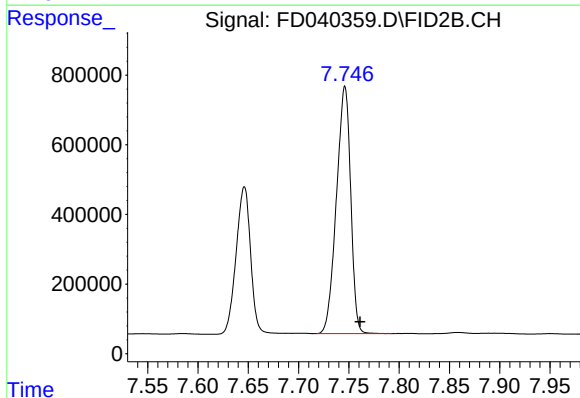
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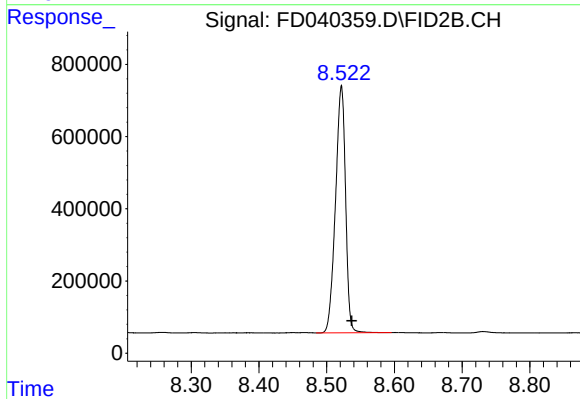
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.646 min
Delta R.T.: -0.018 min
Response: 4210263
Conc: 49.58 ug/ml



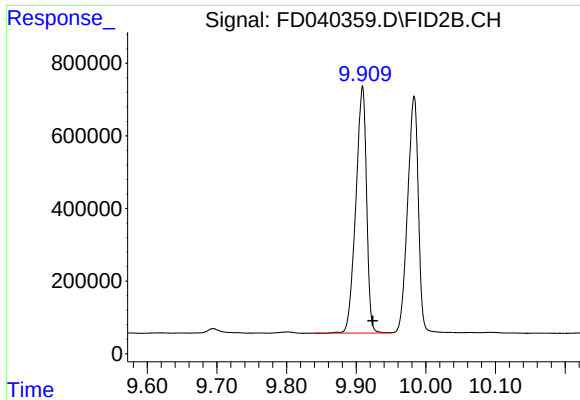
#7 Acenaphthene (C15.5)

R.T.: 7.746 min
Delta R.T.: -0.015 min
Response: 7008580
Conc: 48.25 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.522 min
Delta R.T.: -0.015 min
Response: 7072676
Conc: 51.22 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.909 min
Delta R.T.: -0.015 min
Response: 7282115
Conc: 54.02 ug/ml

Instrument :

FID_D

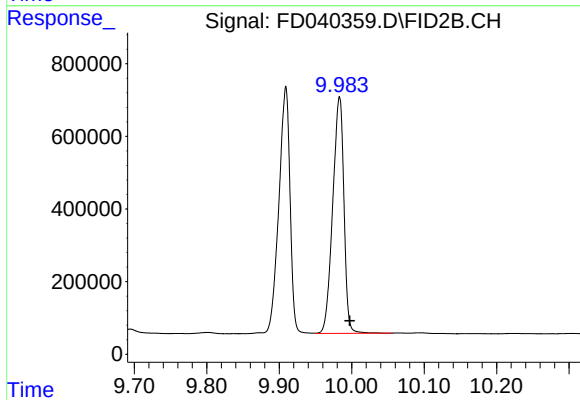
ClientSampleId :

PB141781BS

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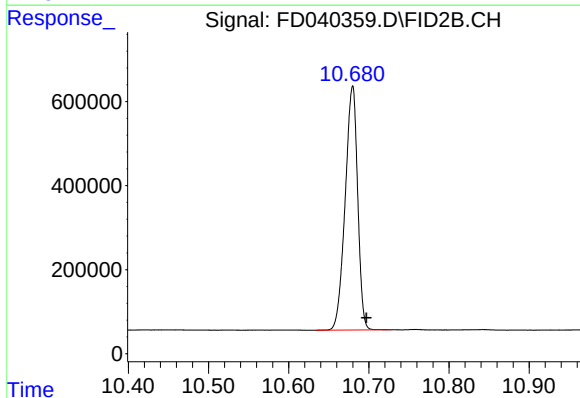
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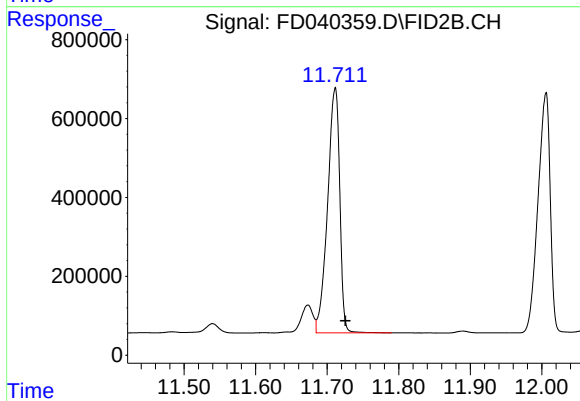
#10 Anthracene (C19.43)

R.T.: 9.983 min
Delta R.T.: -0.014 min
Response: 6988662
Conc: 55.57 ug/ml



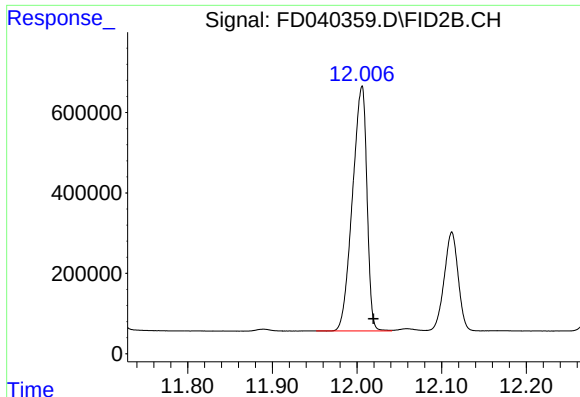
#11 ortho-Terphenyl (SURR)

R.T.: 10.680 min
Delta R.T.: -0.017 min
Response: 6268588
Conc: 44.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.711 min
Delta R.T.: -0.014 min
Response: 7342293
Conc: 54.67 ug/ml



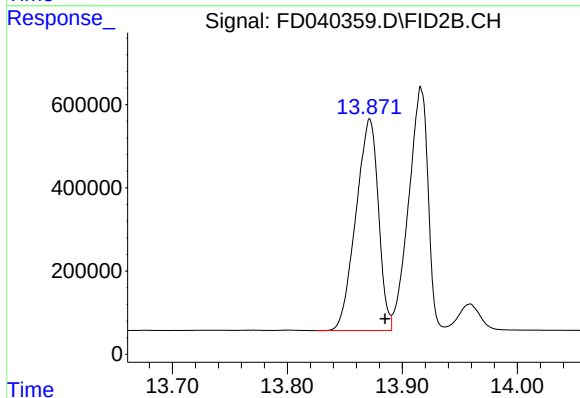
#13 Pyrene (C20.8)

R.T.: 12.006 min
Delta R.T.: -0.013 min
Response: 7230954
Conc: 55.35 ug/ml

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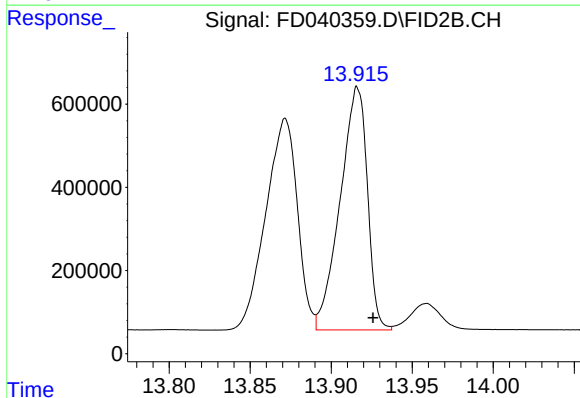
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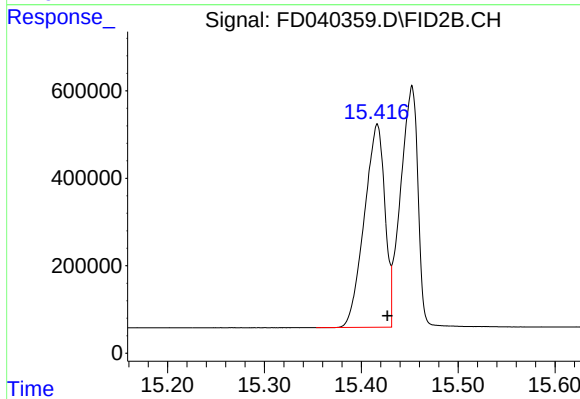
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.872 min
Delta R.T.: -0.013 min
Response: 6916406
Conc: 59.19 ug/ml



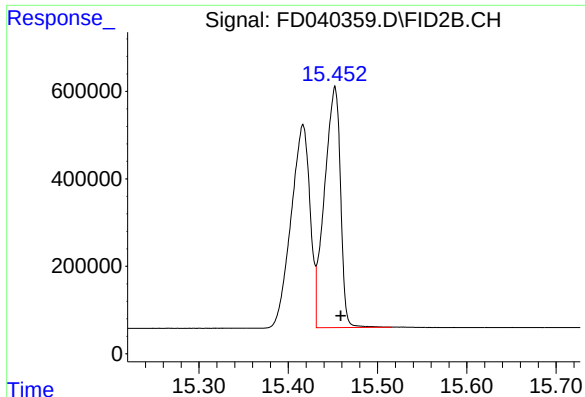
#15 Chrysene (C27.41)

R.T.: 13.916 min
Delta R.T.: -0.010 min
Response: 6837788
Conc: 54.69 ug/ml



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

R.T.: 15.416 min
Delta R.T.: -0.011 min
Response: 6851039
Conc: 55.23 ug/ml



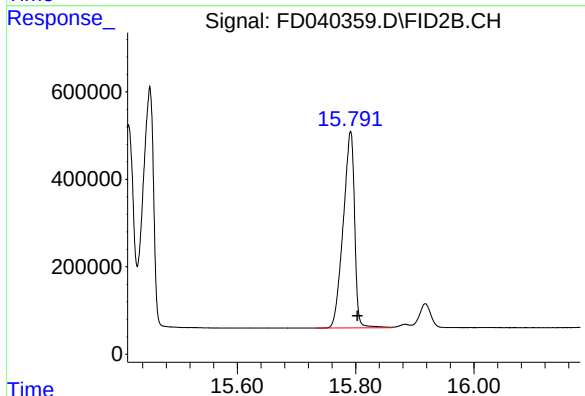
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.452 min
Delta R.T.: -0.006 min
Response: 6854471
Conc: 55.16 ug/ml

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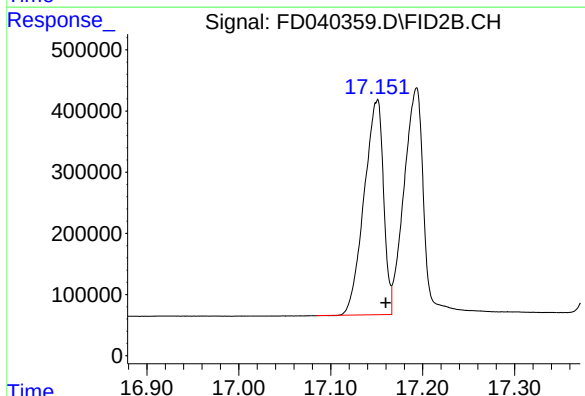
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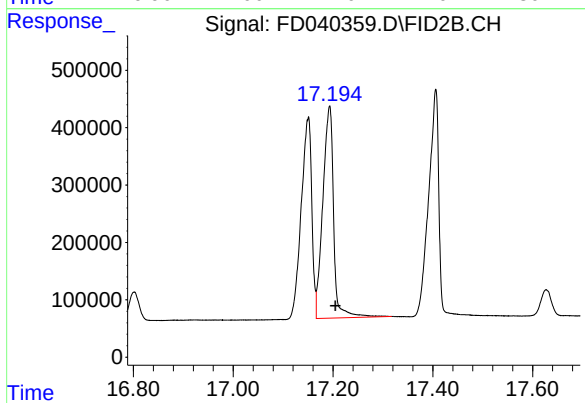
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.791 min
Delta R.T.: -0.011 min
Response: 6022284
Conc: 50.03 ug/ml



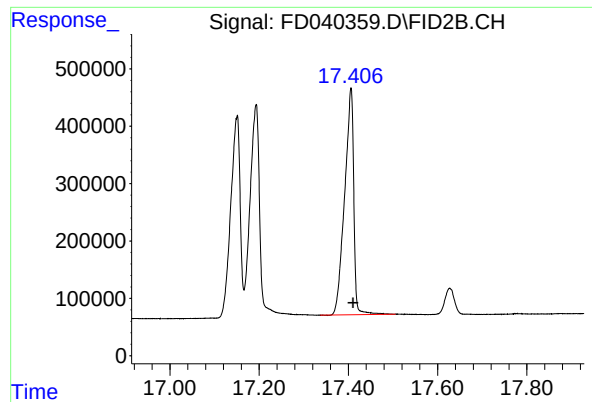
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.151 min
Delta R.T.: -0.009 min
Response: 5146448
Conc: 44.34 ug/ml



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

R.T.: 17.193 min
Delta R.T.: -0.012 min
Response: 5560464
Conc: 48.92 ug/ml



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

R.T.: 17.406 min
Delta R.T.: -0.004 min
Response: 5622273
Conc: 46.07 ug/ml

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