

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039738.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 5:00
 Operator : AJ\MA
 Sample : M4927-12MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PH1-BOT-13MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 06:43:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 Qlast Update : Wed Nov 24 04:30:20 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...	7.740	4846542	43.318 ug/ml
Spiked Amount 50.000		Recovery =	86.64%
6) S 2-Fluorobiphenyl (SURR)	8.609	2744906	36.601 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.20%
11) S ortho-Terphenyl (SURR)	11.653	4173319	33.743 ug/ml
Spiked Amount 50.000		Recovery =	67.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3612537	29.167 ug/ml
2) T Naphthalene (C11.7)	6.075	4337042	33.914 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	4514934	34.750 ug/ml
5) T Acenaphthylene (C15.06)	8.411	4632554	38.581 ug/ml
7) T Acenaphthene (C15.5)	8.708	4961209	38.957 ug/ml
8) T Fluorene (C16.55)	9.491	4983184	40.567 ug/ml
9) T Phenanthrene (C19.36)	10.893	4955595	41.315 ug/ml
10) T Anthracene (C19.43)	10.968	4869233	40.653 ug/ml
12) T Fluoranthene (C21.85)	12.710	4891597	41.033 ug/ml
13) T Pyrene (C20.8)	13.009	4796694	42.188 ug/ml
14) T Benzo[a]anthracene (C...	14.883	4386506	44.877 ug/ml
15) T Chrysene (C27.41)	14.927	4882947	42.890 ug/ml
16) T benzo[b]fluoranthene ...	16.437	4482123	45.561 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.472	4455514	42.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	3962437	41.114 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	3898856	41.826 ug/mlm
20) T Dibenz[a,h]anthracene...	18.223	4169532	40.709 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	4305957	43.563 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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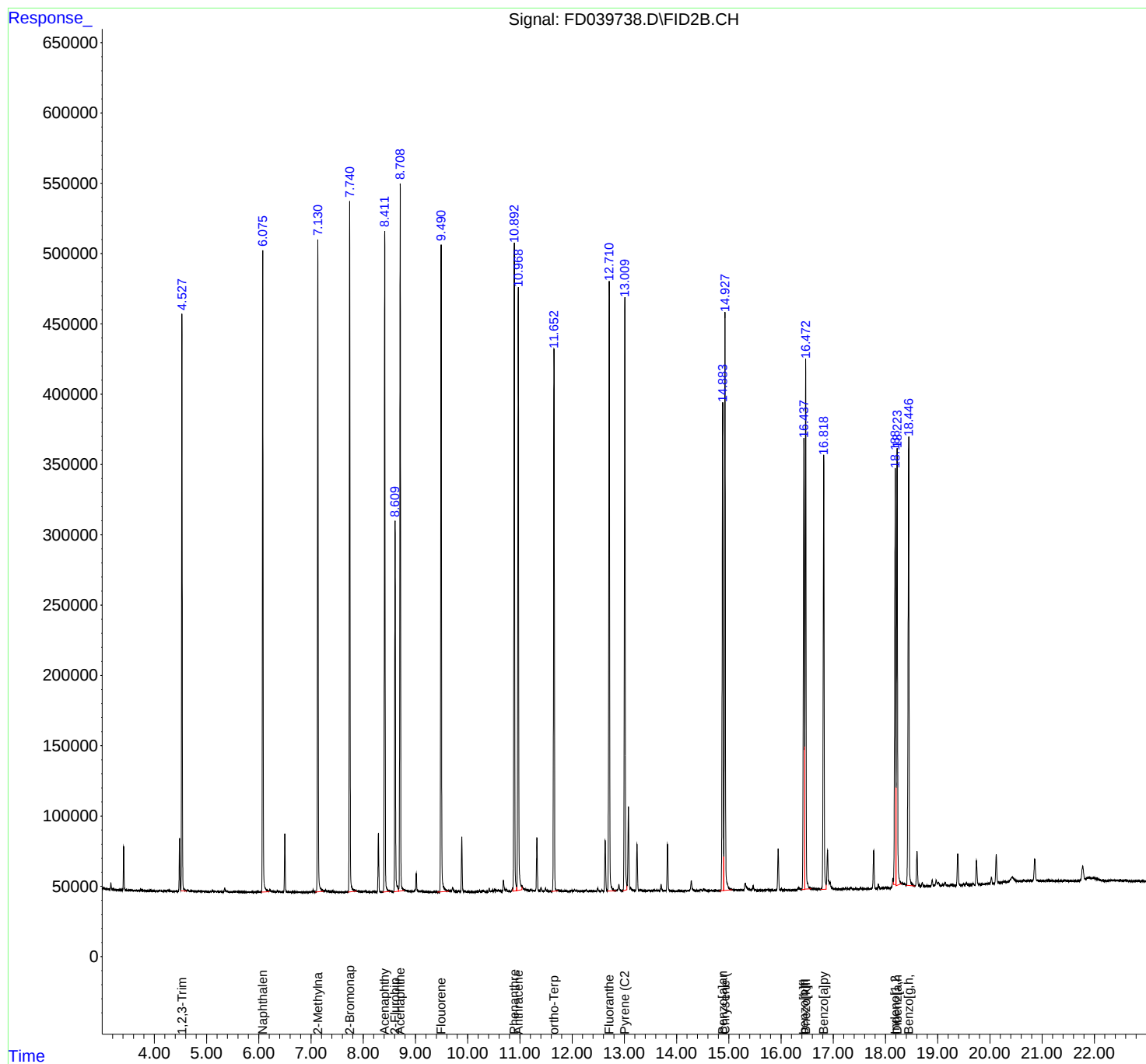
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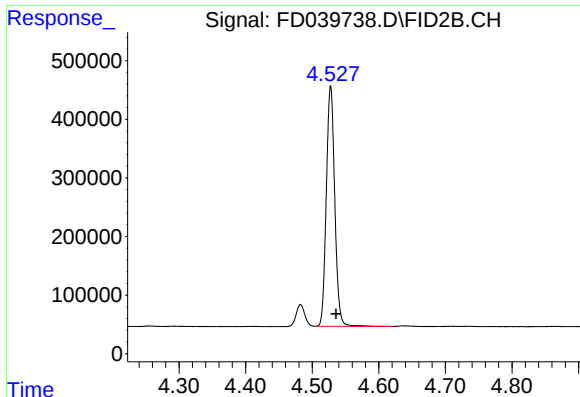
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 3612537
Conc: 29.17 ug/ml

Instrument :

FID_D

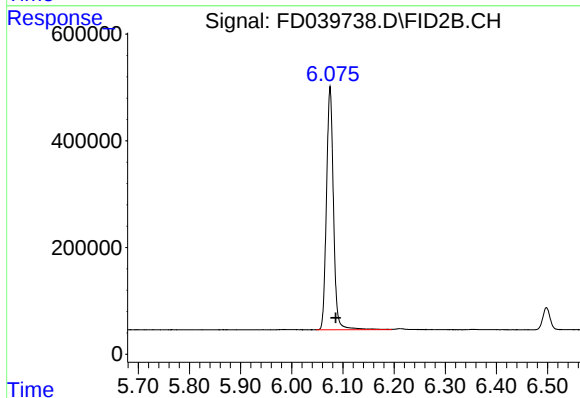
ClientSampleId :

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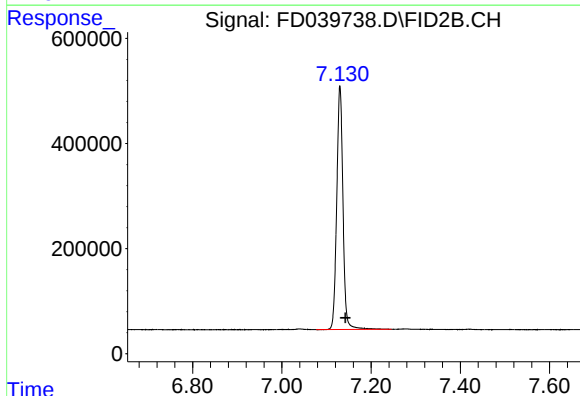
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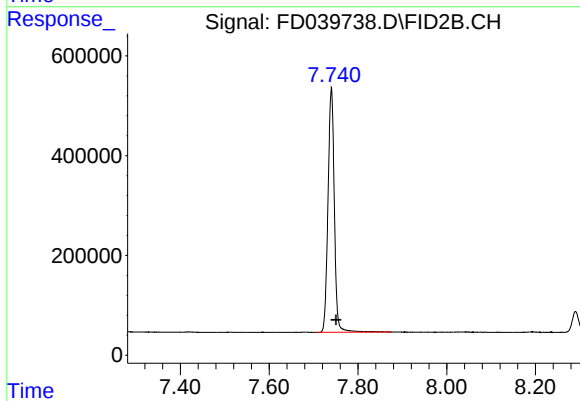
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 4337042
Conc: 33.91 ug/ml



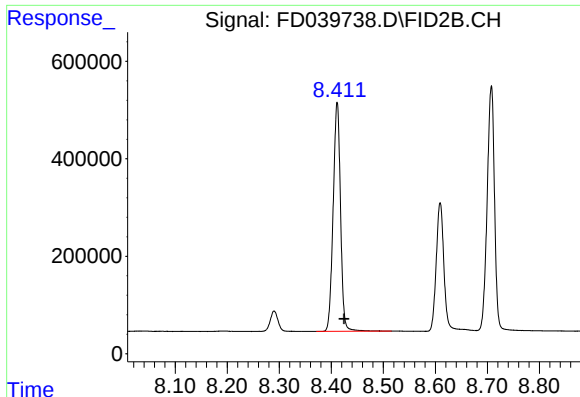
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.012 min
Response: 4514934
Conc: 34.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.010 min
Response: 4846542
Conc: 43.32 ug/ml



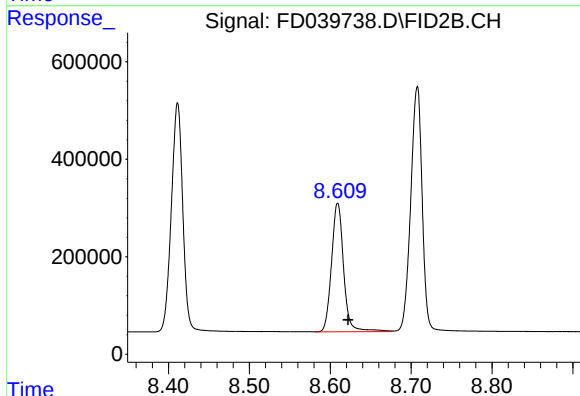
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: -0.013 min
Response: 4632554
Conc: 38.58 ug/ml

Instrument :
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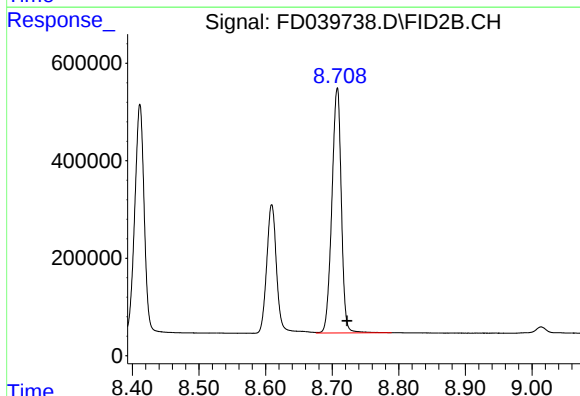
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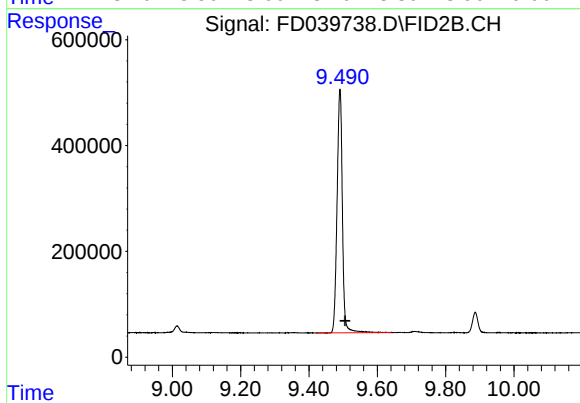
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.609 min
Delta R.T.: -0.013 min
Response: 2744906
Conc: 36.60 ug/ml



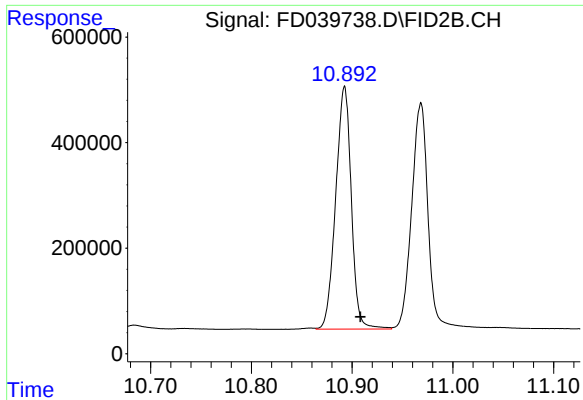
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 4961209
Conc: 38.96 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.015 min
Response: 4983184
Conc: 40.57 ug/ml



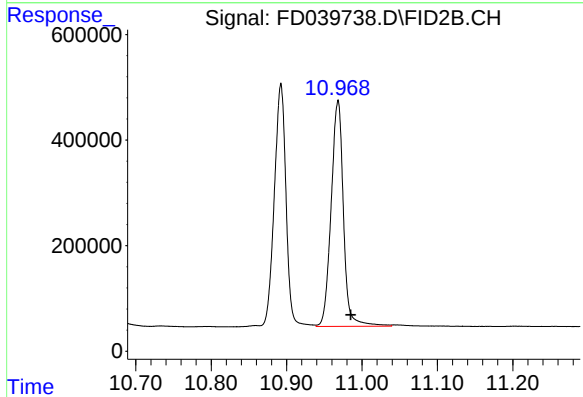
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: -0.016 min
Response: 4955595
Conc: 41.32 ug/ml

Instrument :
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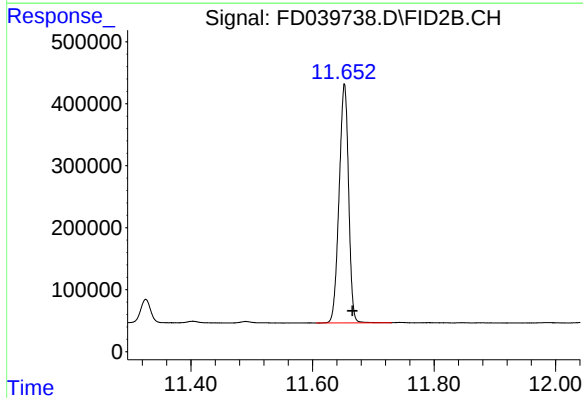
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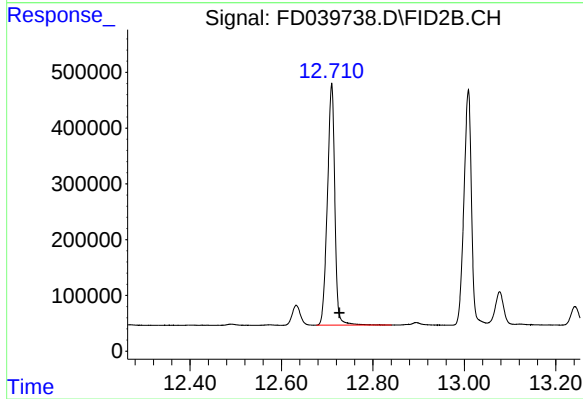
#10 Anthracene (C19.43)

R.T.: 10.968 min
Delta R.T.: -0.017 min
Response: 4869233
Conc: 40.65 ug/ml



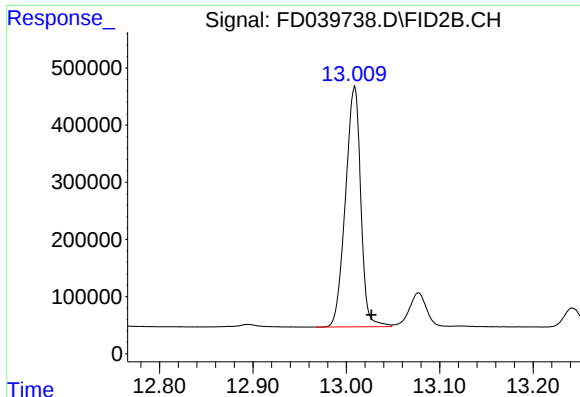
#11 ortho-Terphenyl (SURRE)

R.T.: 11.653 min
Delta R.T.: -0.013 min
Response: 4173319
Conc: 33.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: -0.017 min
Response: 4891597
Conc: 41.03 ug/ml



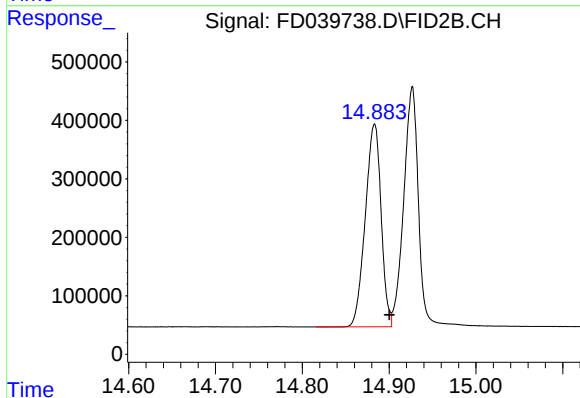
#13 Pyrene (C20.8)

R.T.: 13.009 min
Delta R.T.: -0.018 min
Response: 4796694
Conc: 42.19 ug/ml

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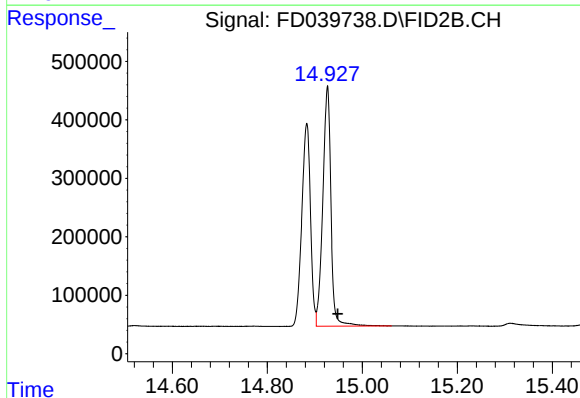
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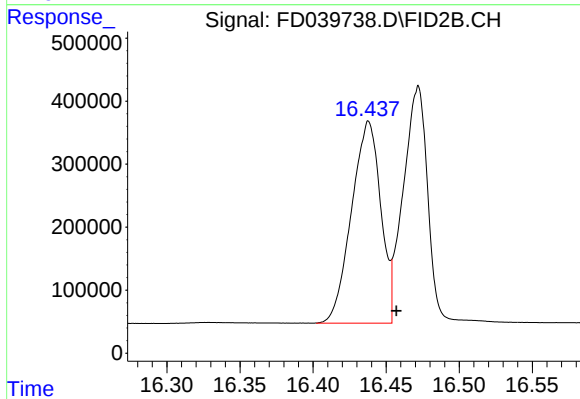
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.017 min
Response: 4386506
Conc: 44.88 ug/ml



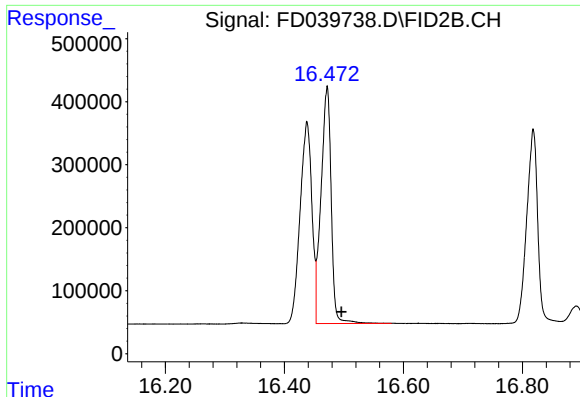
#15 Chrysene (C27.41)

R.T.: 14.927 min
Delta R.T.: -0.022 min
Response: 4882947
Conc: 42.89 ug/ml



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

R.T.: 16.437 min
Delta R.T.: -0.020 min
Response: 4482123
Conc: 45.56 ug/ml m



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

R.T.: 16.472 min
Delta R.T.: -0.024 min
Response: 4455514
Conc: 42.10 ug/ml

Instrument :

FID_D

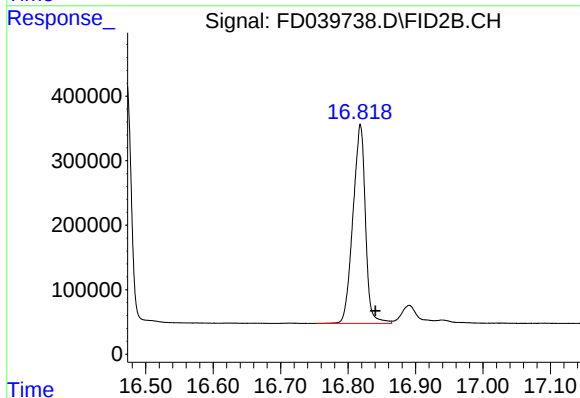
ClientSampleId :

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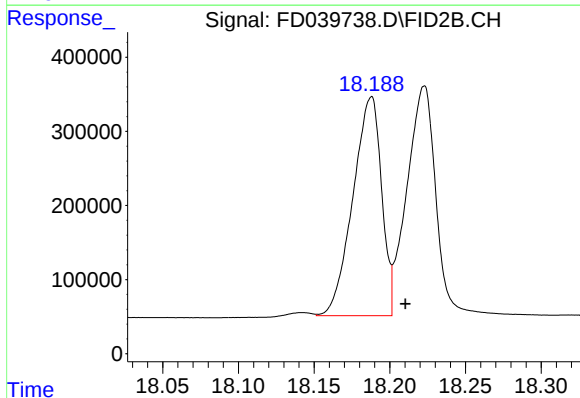
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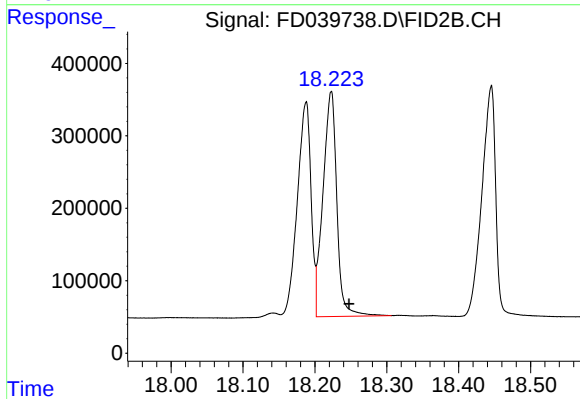
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: -0.022 min
Response: 3962437
Conc: 41.11 ug/ml



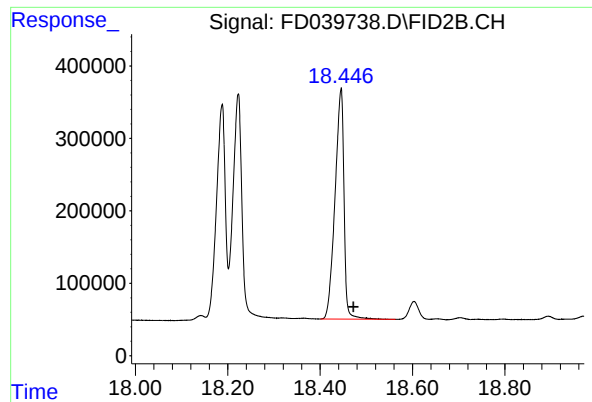
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min
Delta R.T.: -0.022 min
Response: 3898856
Conc: 41.83 ug/ml m



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

R.T.: 18.223 min
Delta R.T.: -0.025 min
Response: 4169532
Conc: 40.71 ug/ml



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

R.T.: 18.445 min
Delta R.T.: -0.027 min
Response: 4305957
Conc: 43.56 ug/ml

Instrument :

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ClientSampleId :

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