

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039737.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 4:23
 Operator : AJ\MA
 Sample : M4927-12MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PH1-BOT-13MS

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 06:42:48 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	4829711	43.168 ug/ml
Spiked Amount 50.000		Recovery =	86.34%
6) S 2-Fluorobiphenyl (SURR)	8.610	2729462	36.395 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.79%
11) S ortho-Terphenyl (SURR)	11.653	4223935	34.153 ug/ml
Spiked Amount 50.000		Recovery =	68.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3576340	28.875 ug/ml
2) T Naphthalene (C11.7)	6.075	4289054	33.539 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	4548339	35.007 ug/ml
5) T Acenaphthylene (C15.06)	8.412	4661169	38.819 ug/ml
7) T Acenaphthene (C15.5)	8.708	5038927	39.567 ug/ml
8) T Fluorene (C16.55)	9.491	5018893	40.858 ug/ml
9) T Phenanthrene (C19.36)	10.893	5004546	41.723 ug/ml
10) T Anthracene (C19.43)	10.969	4916663	41.049 ug/ml
12) T Fluoranthene (C21.85)	12.710	4924728	41.311 ug/ml
13) T Pyrene (C20.8)	13.010	4818934	42.383 ug/ml
14) T Benzo[a]anthracene (C...	14.884	4388183	44.894 ug/ml
15) T Chrysene (C27.41)	14.928	4873741	42.809 ug/ml
16) T benzo[b]fluoranthene ...	16.438	4423771	44.968 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.472	4453708	42.086 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	3965900	41.150 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	3963771	42.523 ug/mlm
20) T Dibenz[a,h]anthracene...	18.223	4178428	40.796 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	4288253	43.384 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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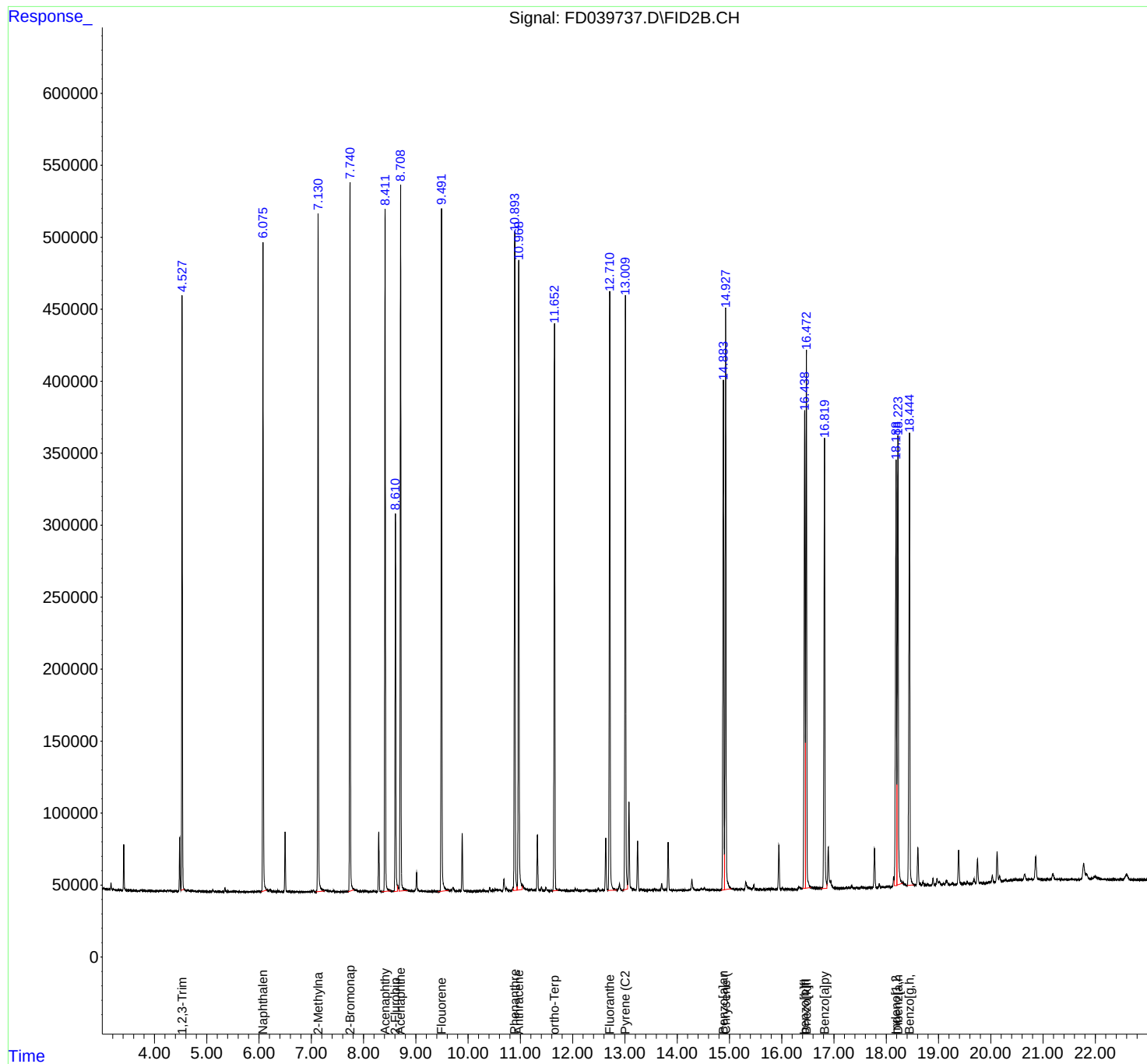
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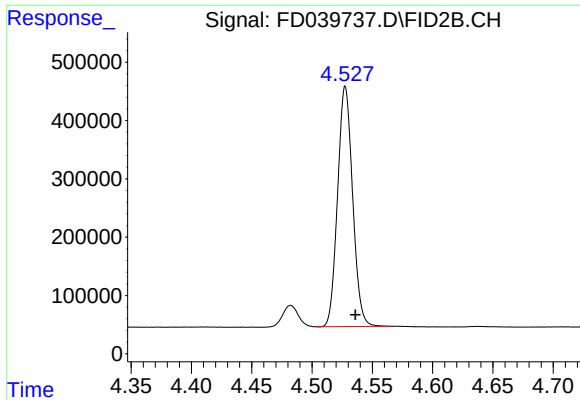
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 3576340
Conc: 28.87 ug/ml

Instrument :

FID_D

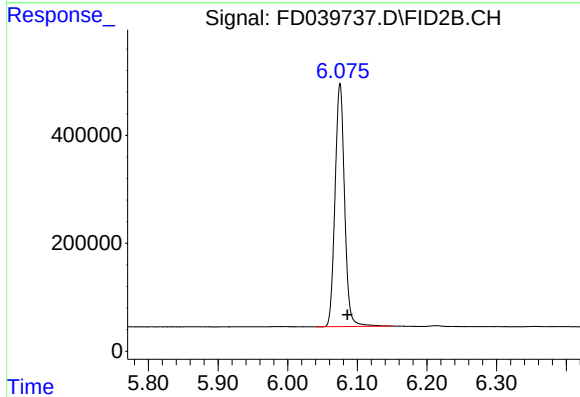
ClientSampleId :

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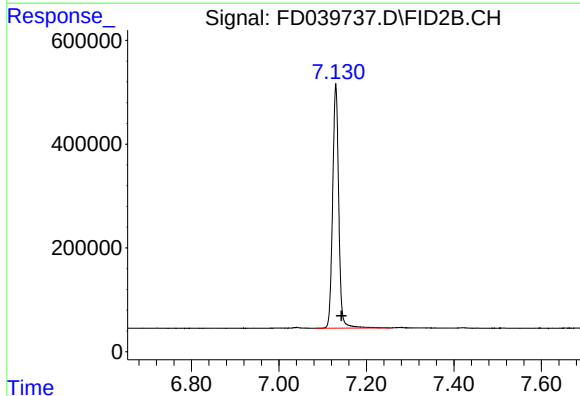
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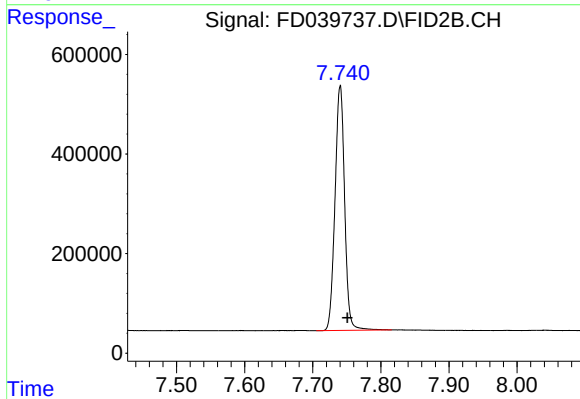
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 4289054
Conc: 33.54 ug/ml



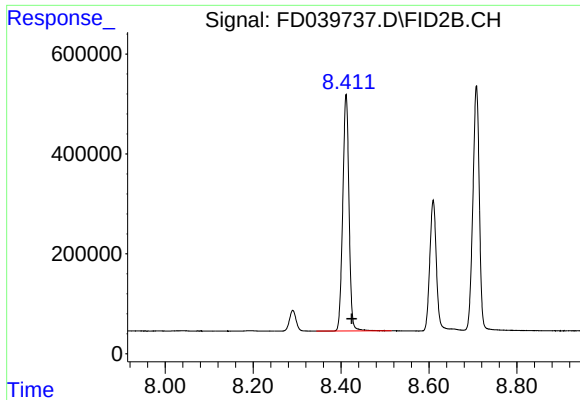
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.012 min
Response: 4548339
Conc: 35.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.010 min
Response: 4829711
Conc: 43.17 ug/ml



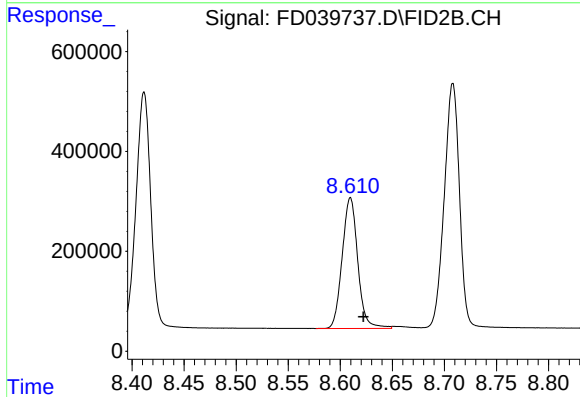
#5 Acenaphthylene (C15.06)

R.T.: 8.412 min
Delta R.T.: -0.013 min
Response: 4661169
Conc: 38.82 ug/ml

Instrument :
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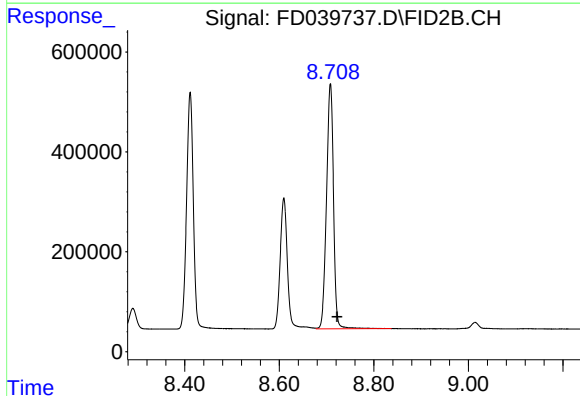
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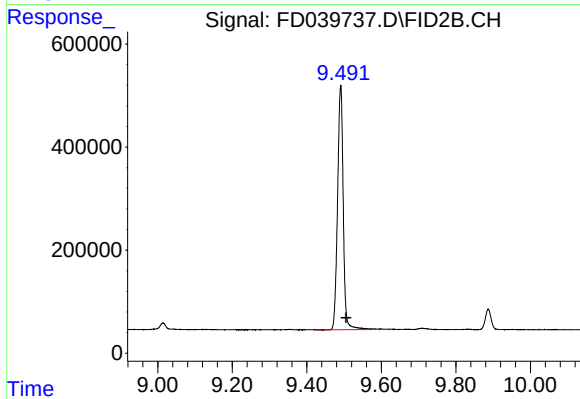
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.012 min
Response: 2729462
Conc: 36.39 ug/ml



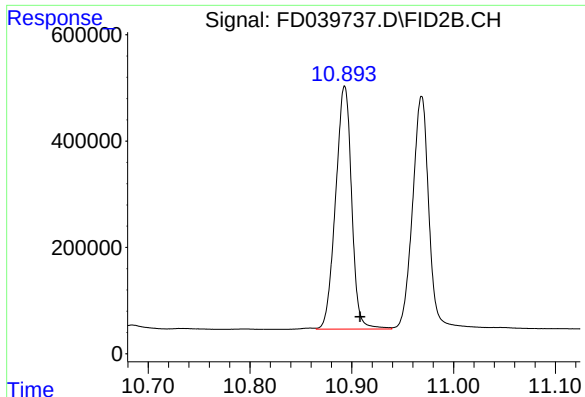
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 5038927
Conc: 39.57 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.014 min
Response: 5018893
Conc: 40.86 ug/ml



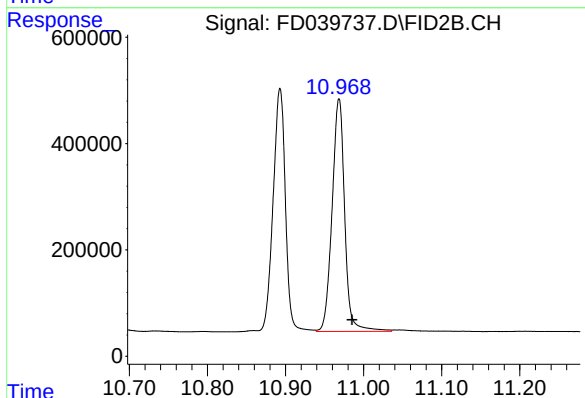
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: -0.015 min
Response: 5004546
Conc: 41.72 ug/ml

Instrument :
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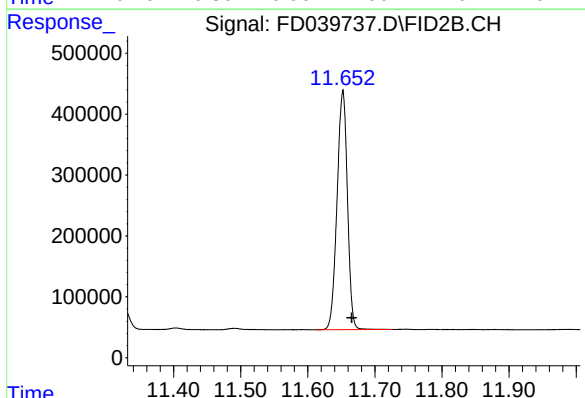
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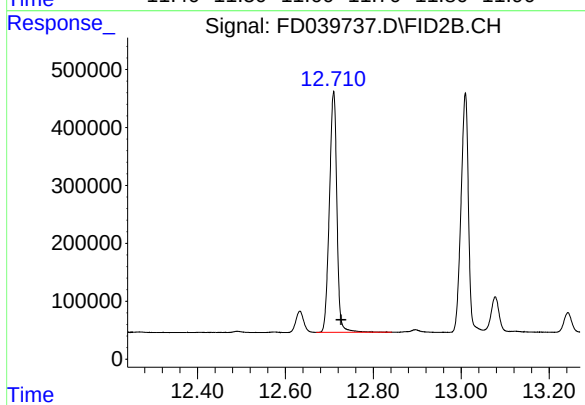
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.016 min
Response: 4916663
Conc: 41.05 ug/ml



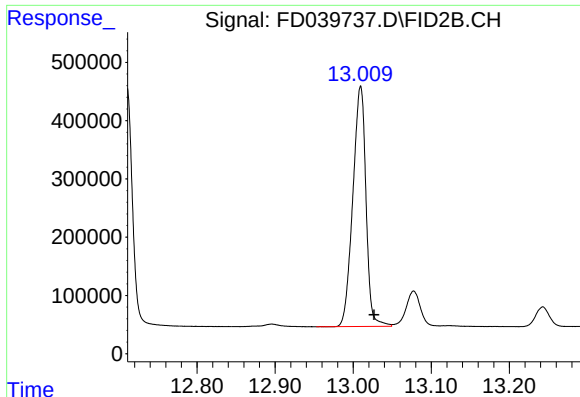
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.013 min
Response: 4223935
Conc: 34.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: -0.017 min
Response: 4924728
Conc: 41.31 ug/ml



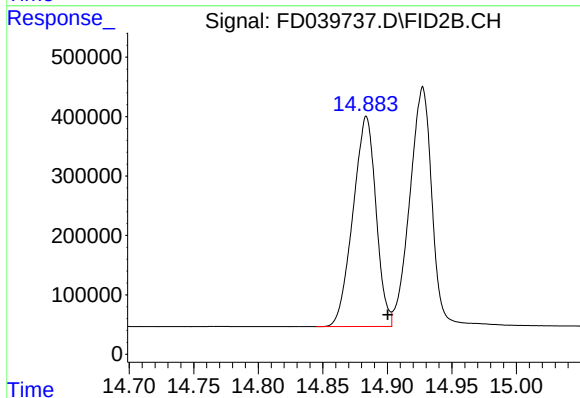
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 4818934
Conc: 42.38 ug/ml

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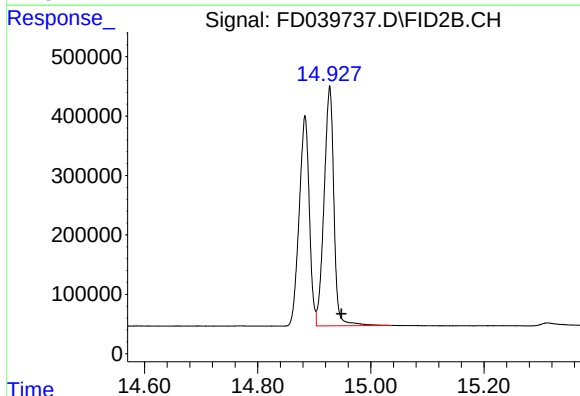
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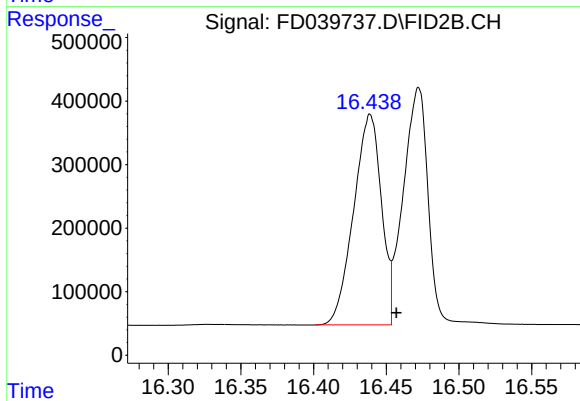
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: -0.017 min
Response: 4388183
Conc: 44.89 ug/ml



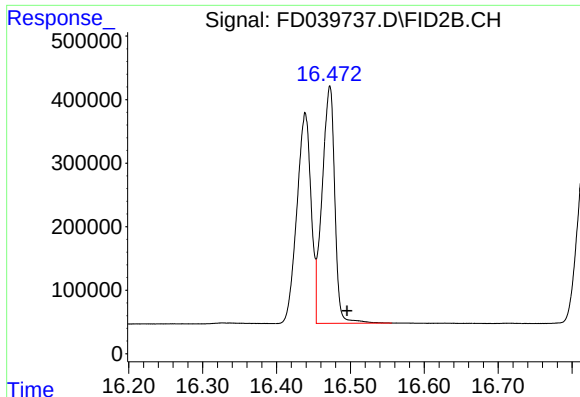
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: -0.021 min
Response: 4873741
Conc: 42.81 ug/ml



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

R.T.: 16.438 min
Delta R.T.: -0.019 min
Response: 4423771
Conc: 44.97 ug/ml m



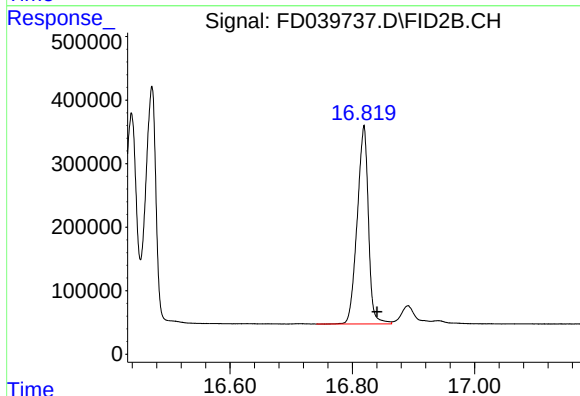
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.472 min
Delta R.T.: -0.023 min
Response: 4453708
Conc: 42.09 ug/ml

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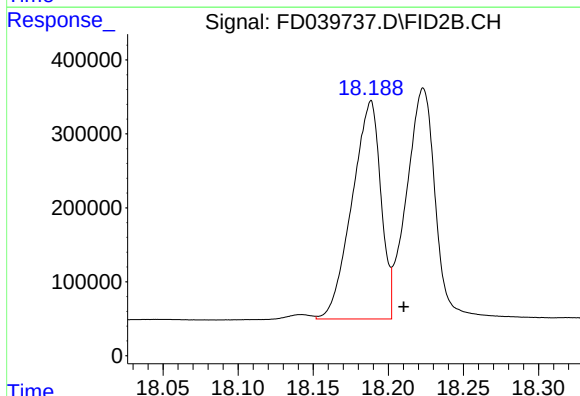
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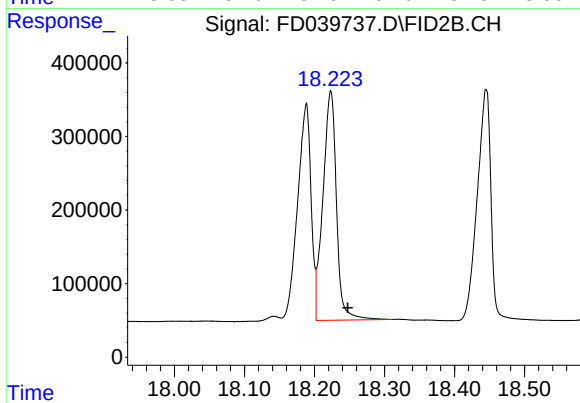
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: -0.021 min
Response: 3965900
Conc: 41.15 ug/ml



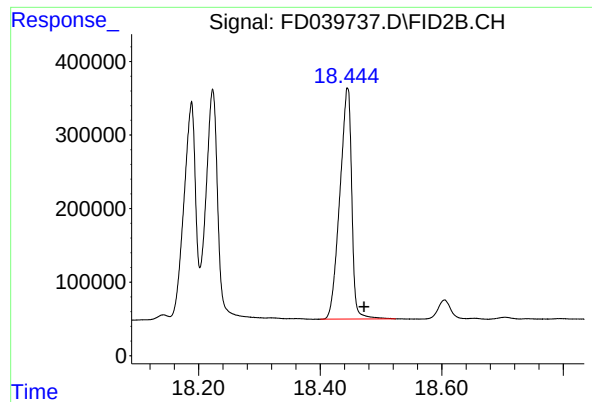
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min
Delta R.T.: -0.022 min
Response: 3963771
Conc: 42.52 ug/ml m



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

R.T.: 18.223 min
Delta R.T.: -0.024 min
Response: 4178428
Conc: 40.80 ug/ml



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

R.T.: 18.445 min
Delta R.T.: -0.027 min
Response: 4288253
Conc: 43.38 ug/ml

Instrument :

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