

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039636.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 8:15
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 08:34:13 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...	7.744	2255188	20.157 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
6) S 2-Fluorobiphenyl (SURR)	8.614	1519198	20.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.51%
11) S ortho-Terphenyl (SURR)	11.656	2460681	19.896 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2438133	19.685 ug/ml
2) T Naphthalene (C11.7)	6.080	2565159	20.059 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	2593571	19.962 ug/ml
5) T Acenaphthylene (C15.06)	8.415	2411447	20.083 ug/ml
7) T Acenaphthene (C15.5)	8.711	2576439	20.231 ug/ml
8) T Fluorene (C16.55)	9.494	2479701	20.187 ug/ml
9) T Phenanthrene (C19.36)	10.895	2409821	20.091 ug/ml
10) T Anthracene (C19.43)	10.971	2390354	19.957 ug/ml
12) T Fluoranthene (C21.85)	12.712	2341483	19.642 ug/ml
13) T Pyrene (C20.8)	13.010	2262182	19.896 ug/ml
14) T Benzo[a]anthracene (C...	14.884	1945008	19.899 ug/ml
15) T Chrysene (C27.41)	14.927	2240368	19.679 ug/ml
16) T benzo[b]fluoranthene ...	16.437	1980780	20.135 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.469	2103575	19.878 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	1959421	20.331 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.183	1827491	19.605 ug/mlm
20) T Dibenz[a,h]anthracene...	18.221	2088694	20.393 ug/ml
21) T Benzo[g,h,i]perylene ...	18.438	1961518	19.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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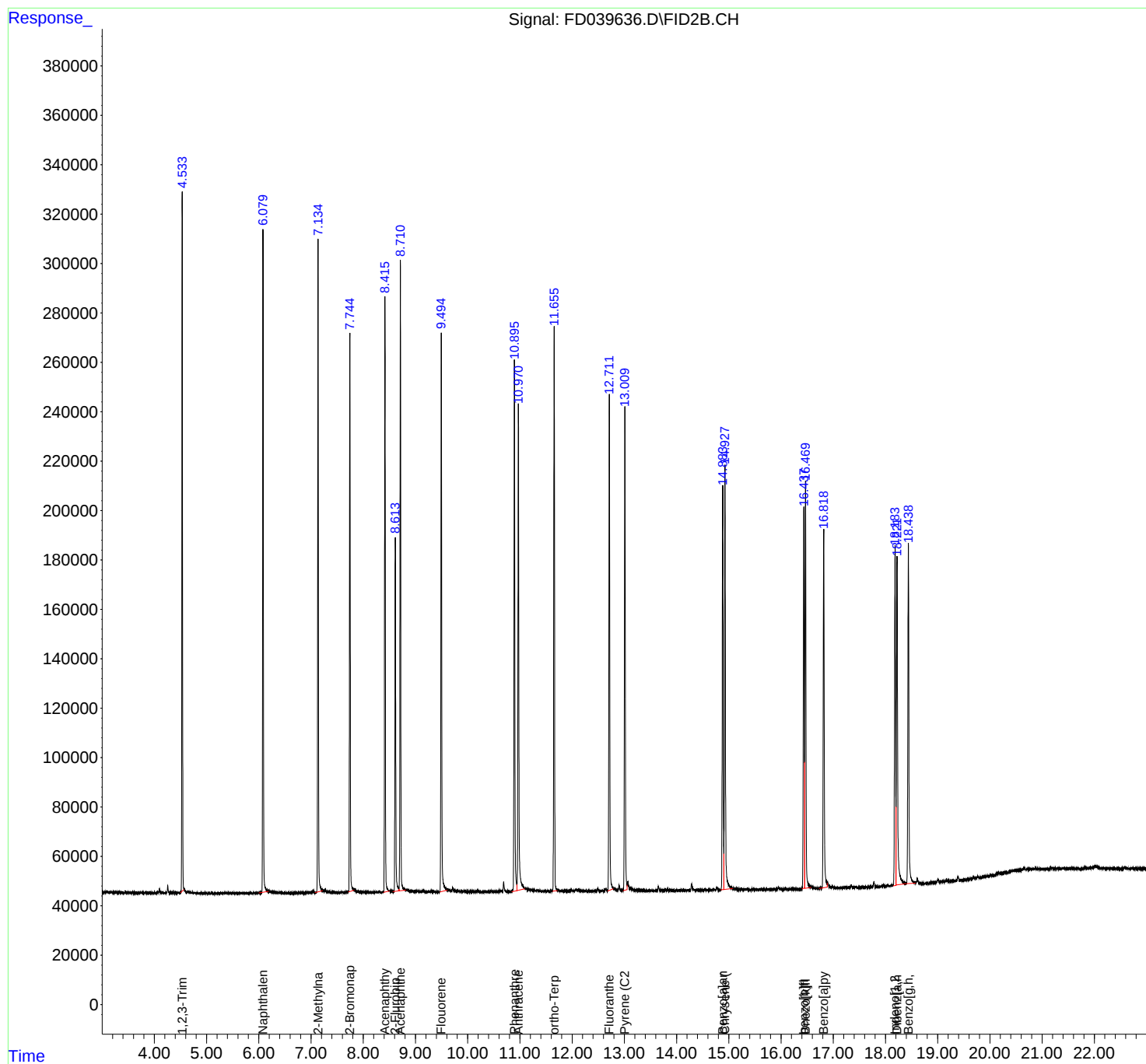
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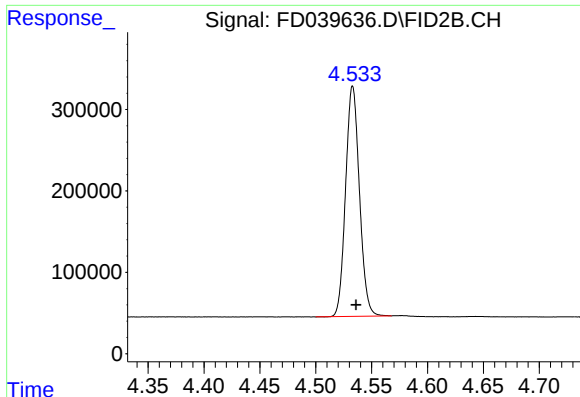
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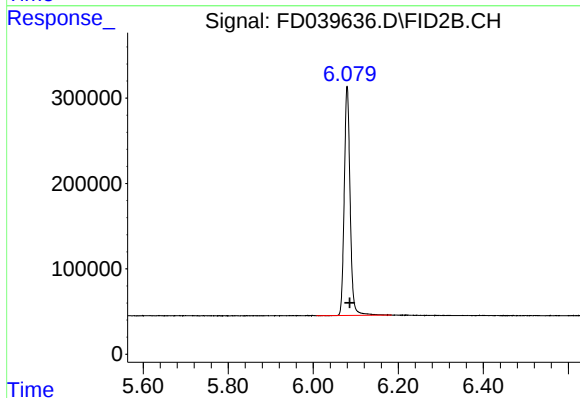
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 2438133
Conc: 19.68 ug/ml

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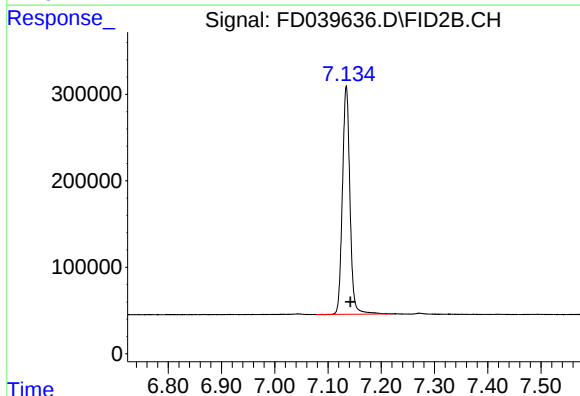
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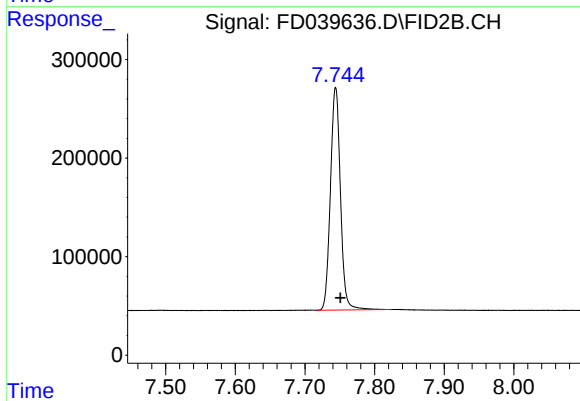
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.006 min
Response: 2565159
Conc: 20.06 ug/ml



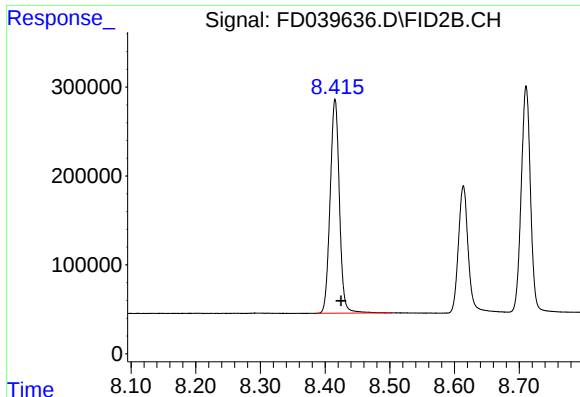
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.008 min
Response: 2593571
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 2255188
Conc: 20.16 ug/ml



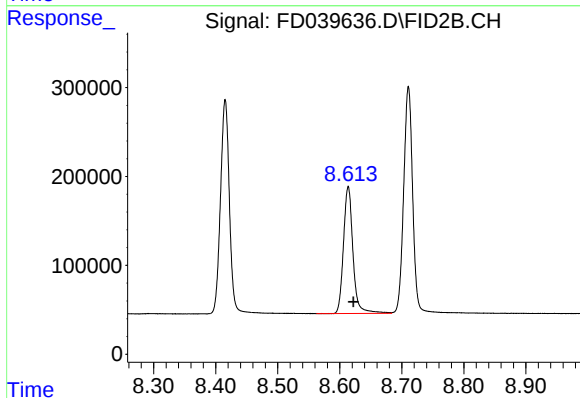
#5 Acenaphthylene (C15.06)

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 2411447
Conc: 20.08 ug/ml

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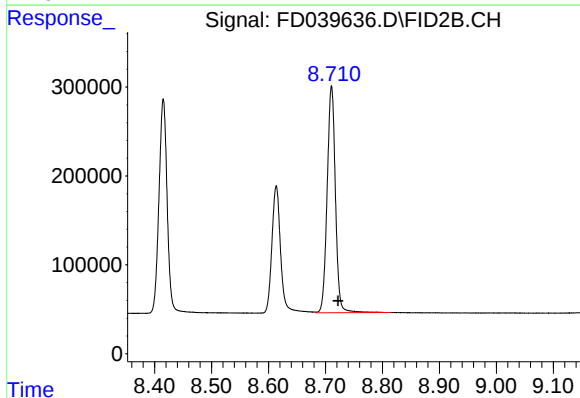
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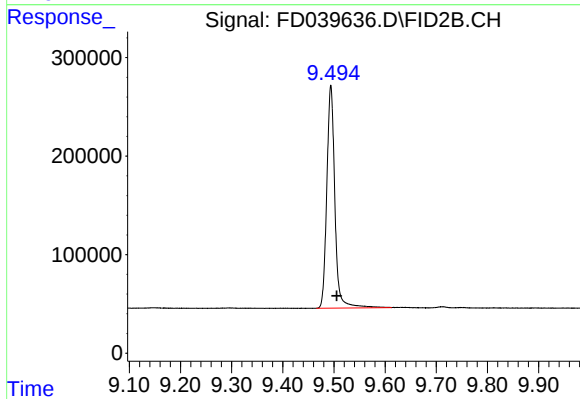
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.008 min
Response: 1519198
Conc: 20.26 ug/ml



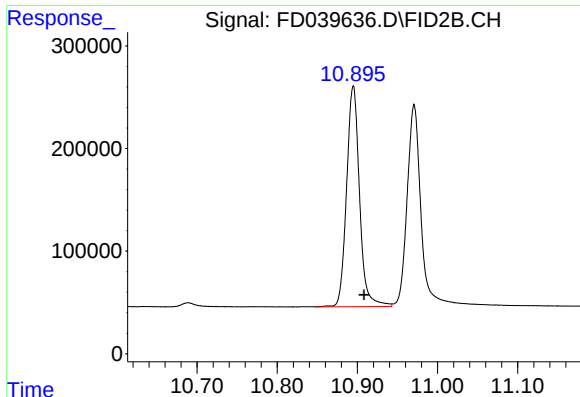
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: -0.012 min
Response: 2576439
Conc: 20.23 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.494 min
Delta R.T.: -0.011 min
Response: 2479701
Conc: 20.19 ug/ml



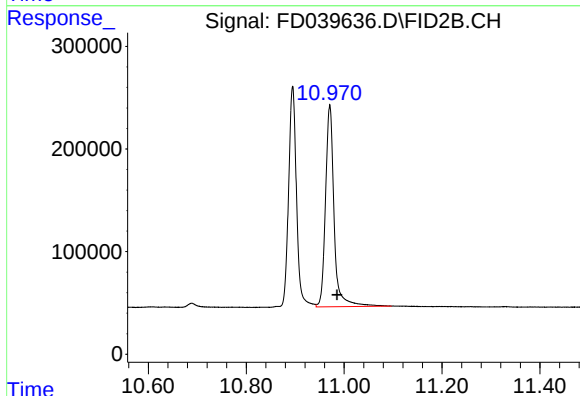
#9 Phenanthrene (C19.36)

R.T.: 10.895 min
Delta R.T.: -0.013 min
Response: 2409821
Conc: 20.09 ug/ml

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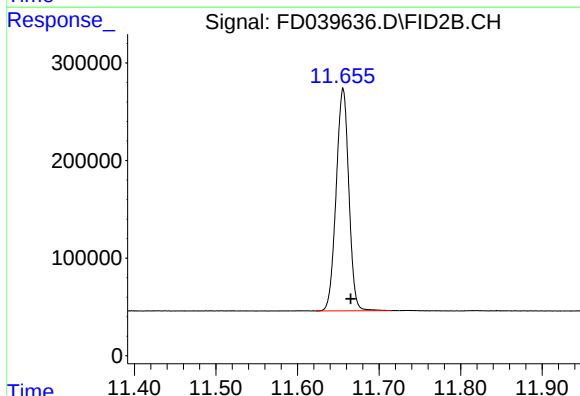
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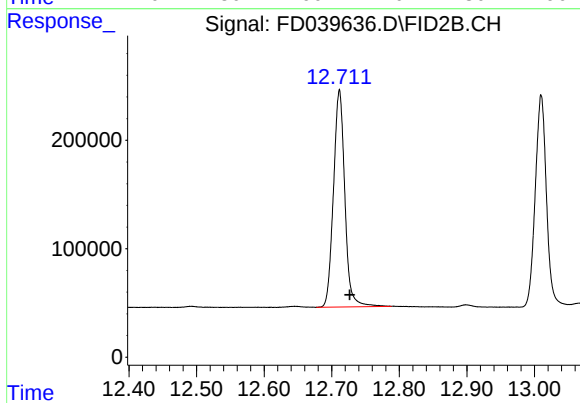
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.014 min
Response: 2390354
Conc: 19.96 ug/ml



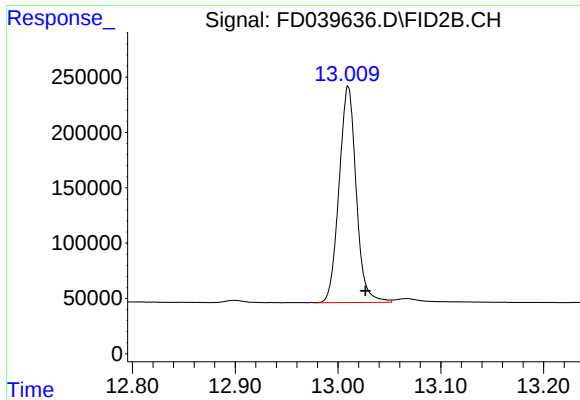
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.010 min
Response: 2460681
Conc: 19.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.712 min
Delta R.T.: -0.015 min
Response: 2341483
Conc: 19.64 ug/ml



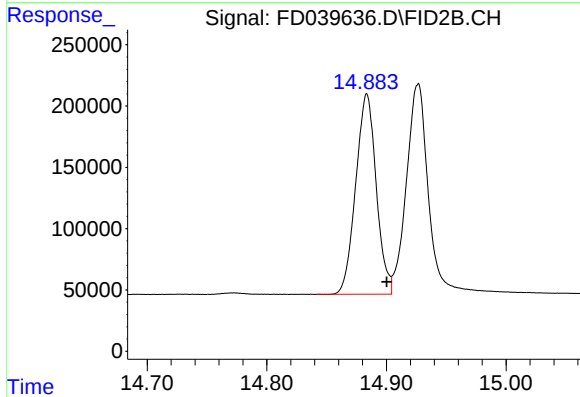
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 2262182
Conc: 19.90 ug/ml

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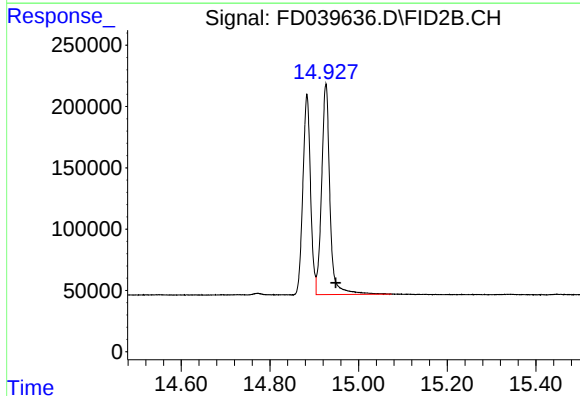
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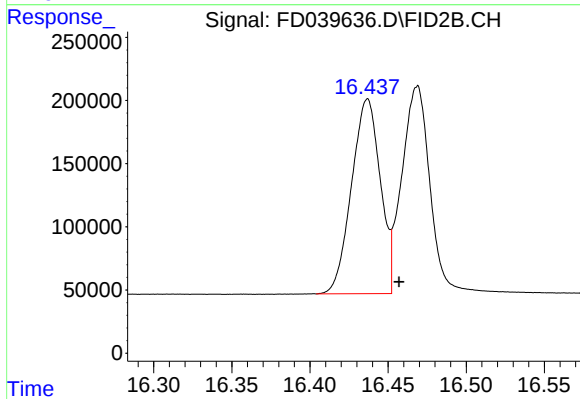
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: -0.017 min
Response: 1945008
Conc: 19.90 ug/ml



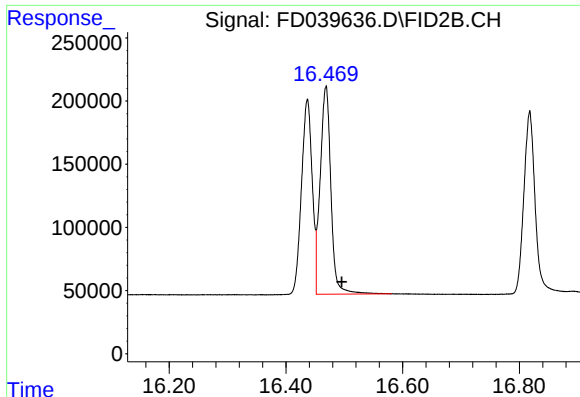
#15 Chrysene (C27.41)

R.T.: 14.927 min
Delta R.T.: -0.022 min
Response: 2240368
Conc: 19.68 ug/ml



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

R.T.: 16.437 min
Delta R.T.: -0.020 min
Response: 1980780
Conc: 20.13 ug/ml m



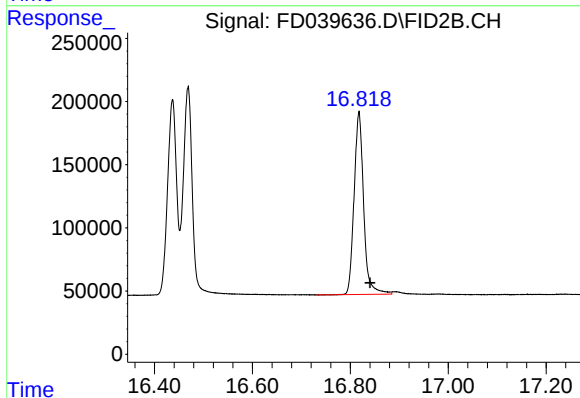
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.469 min
Delta R.T.: -0.027 min
Response: 2103575
Conc: 19.88 ug/ml

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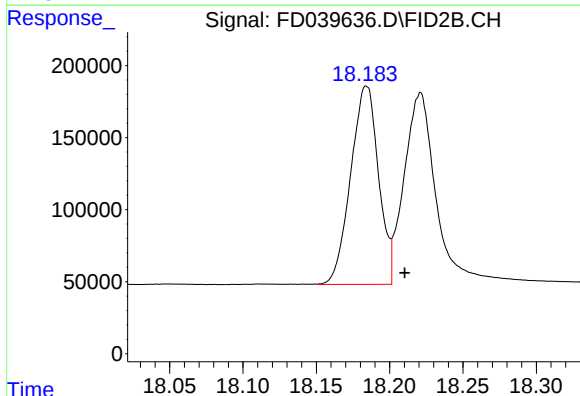
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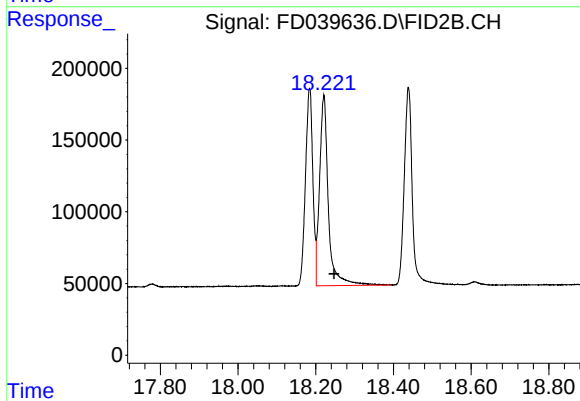
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: -0.023 min
Response: 1959421
Conc: 20.33 ug/ml



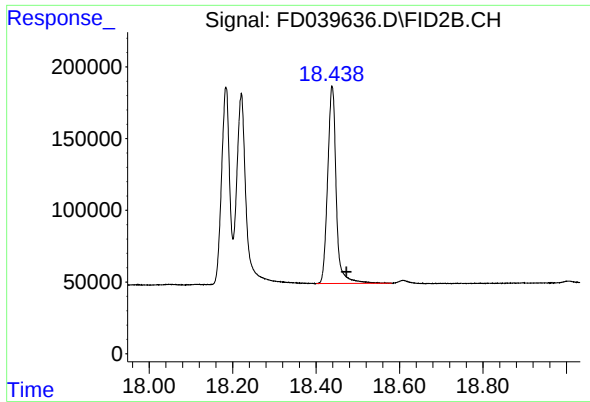
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min
Delta R.T.: -0.027 min
Response: 1827491
Conc: 19.60 ug/ml m



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

R.T.: 18.221 min
Delta R.T.: -0.026 min
Response: 2088694
Conc: 20.39 ug/ml



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

R.T.: 18.438 min
Delta R.T.: -0.034 min
Response: 1961518
Conc: 19.84 ug/ml

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