

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039632.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 5:47
 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 06:08:15 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	2222259	19.863 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
6) S 2-Fluorobiphenyl (SURR)	8.614	1511971	20.161 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.32%
11) S ortho-Terphenyl (SURR)	11.656	2437226	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2395876	19.344 ug/ml
2) T Naphthalene (C11.7)	6.080	2527986	19.768 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	2574955	19.819 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2389582	19.901 ug/ml
7) T Acenaphthene (C15.5)	8.711	2560858	20.108 ug/ml
8) T Flouorene (C16.55)	9.495	2446226	19.914 ug/ml
9) T Phenanthrene (C19.36)	10.896	2400650	20.014 ug/ml
10) T Anthracene (C19.43)	10.971	2395991	20.004 ug/ml
12) T Fluoranthene (C21.85)	12.712	2368540	19.868 ug/ml
13) T Pyrene (C20.8)	13.010	2271319	19.977 ug/ml
14) T Benzo[a]anthracene (C...	14.885	1967169	20.126 ug/ml
15) T Chrysene (C27.41)	14.927	2255830	19.814 ug/ml
16) T benzo[b]fluoranthene ...	16.437	1993174	20.261 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.470	2082550	19.680 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	1956471	20.300 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.185	1817145	19.494 ug/mlm
20) T Dibenz[a,h]anthracene...	18.222	2065859	20.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.440	1953238	19.761 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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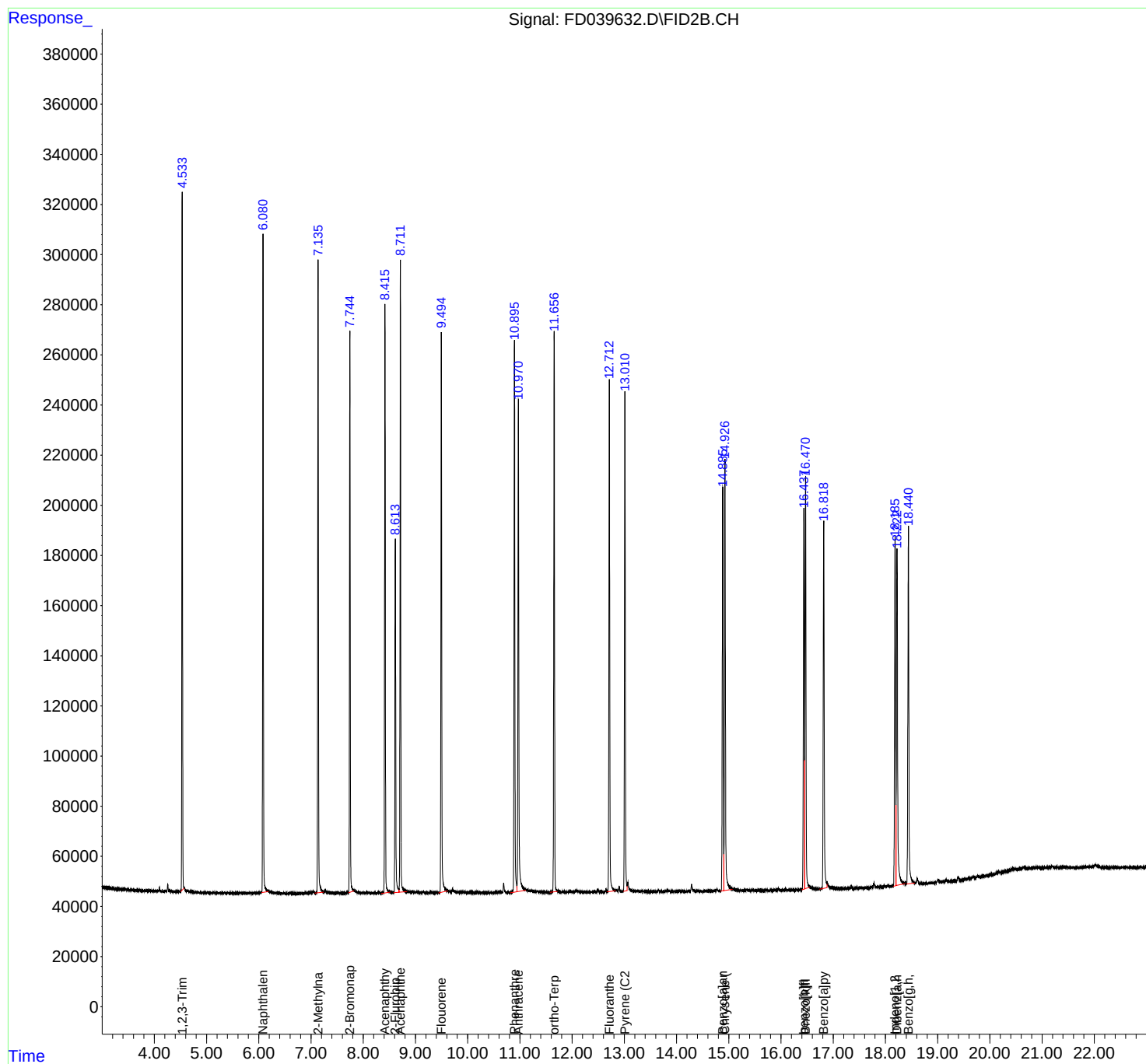
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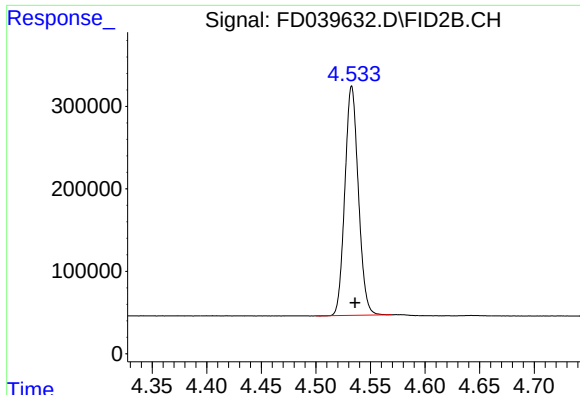
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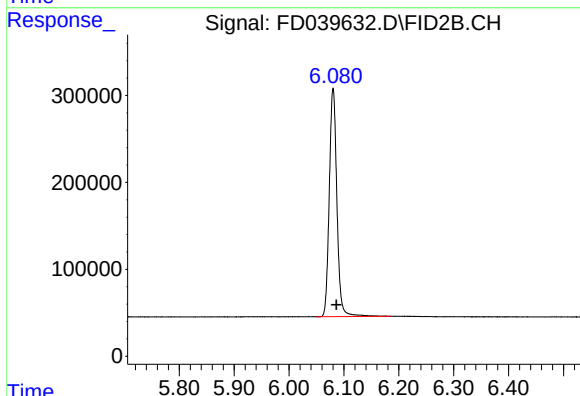
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 2395876
Conc: 19.34 ug/ml

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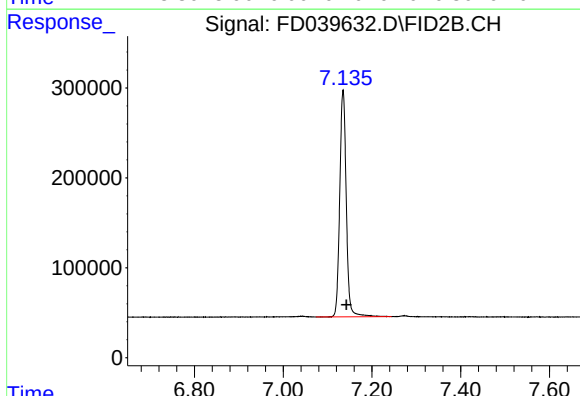
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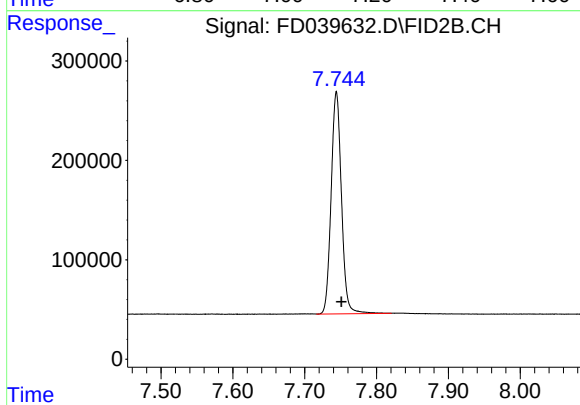
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.006 min
Response: 2527986
Conc: 19.77 ug/ml



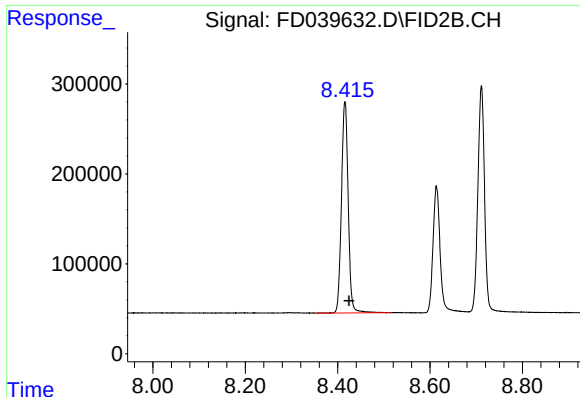
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.007 min
Response: 2574955
Conc: 19.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 2222259
Conc: 19.86 ug/ml



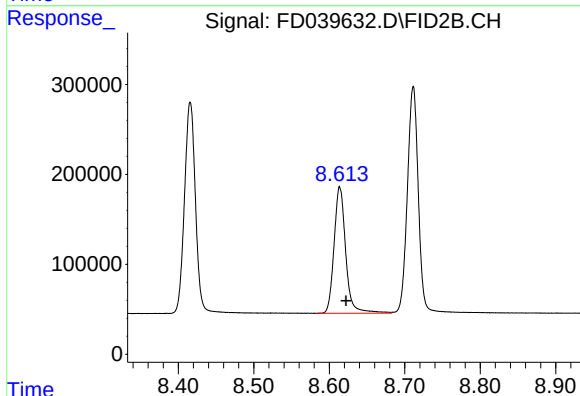
#5 Acenaphthylene (C15.06)

R.T.: 8.416 min
Delta R.T.: -0.008 min
Response: 2389582
Conc: 19.90 ug/ml

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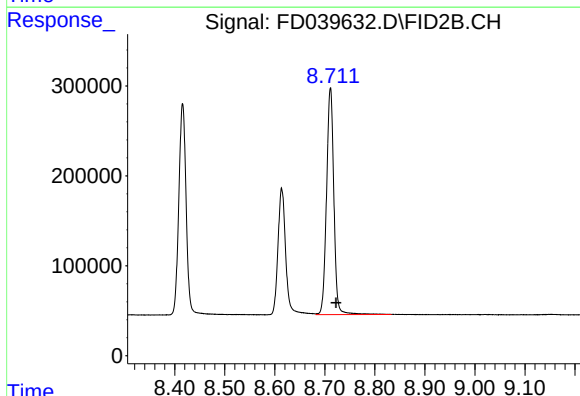
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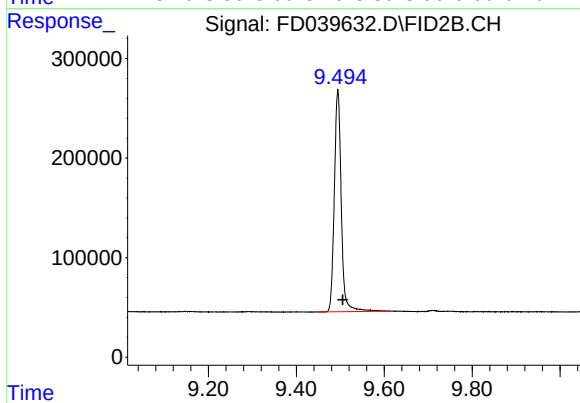
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.009 min
Response: 1511971
Conc: 20.16 ug/ml



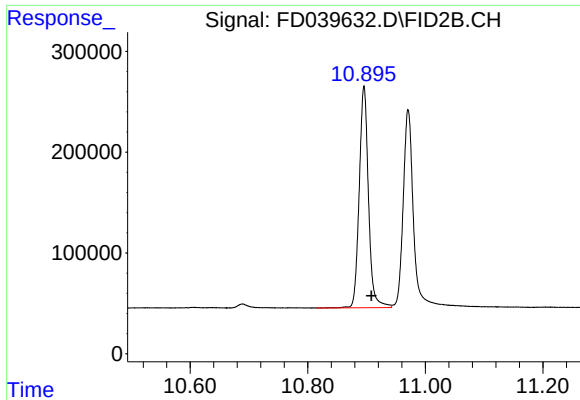
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: -0.011 min
Response: 2560858
Conc: 20.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.495 min
Delta R.T.: -0.011 min
Response: 2446226
Conc: 19.91 ug/ml



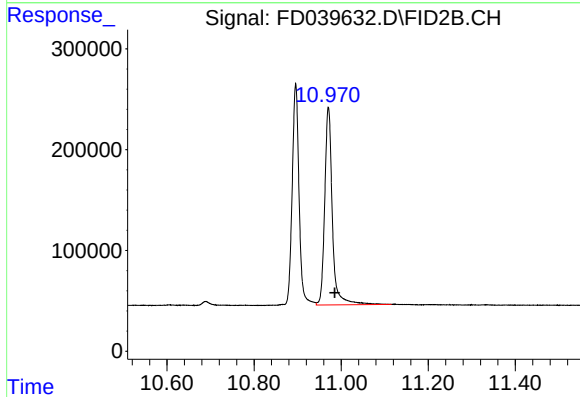
#9 Phenanthrene (C19.36)

R.T.: 10.896 min
Delta R.T.: -0.012 min
Response: 2400650
Conc: 20.01 ug/ml

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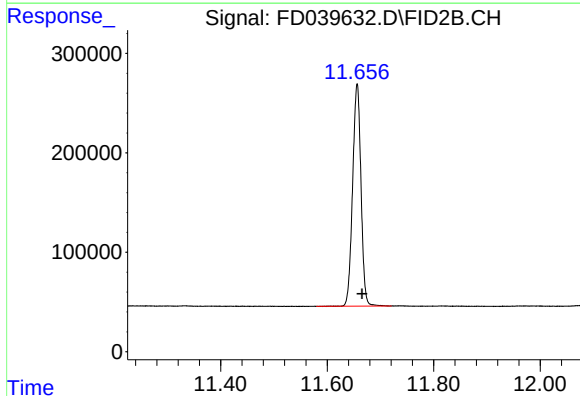
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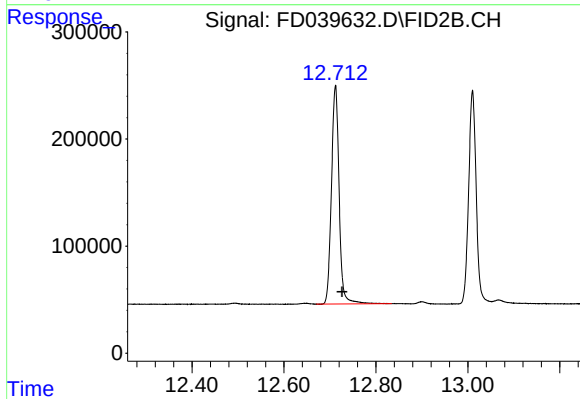
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.014 min
Response: 2395991
Conc: 20.00 ug/ml



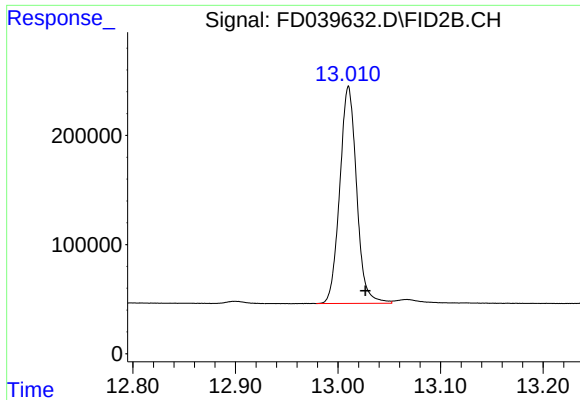
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.009 min
Response: 2437226
Conc: 19.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.712 min
Delta R.T.: -0.014 min
Response: 2368540
Conc: 19.87 ug/ml



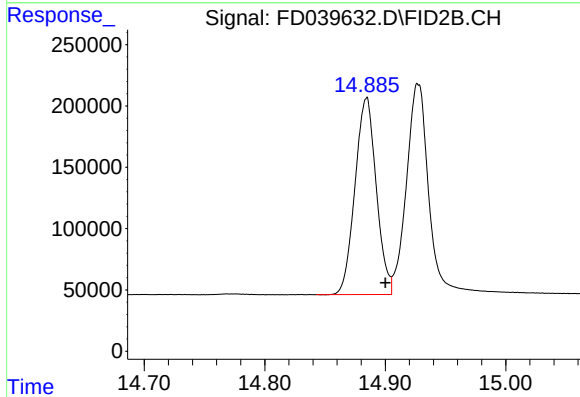
#13 Pyrene (C20.8)

R.T.: 13.010 min
 Delta R.T.: -0.017 min
 Response: 2271319
 Conc: 19.98 ug/ml

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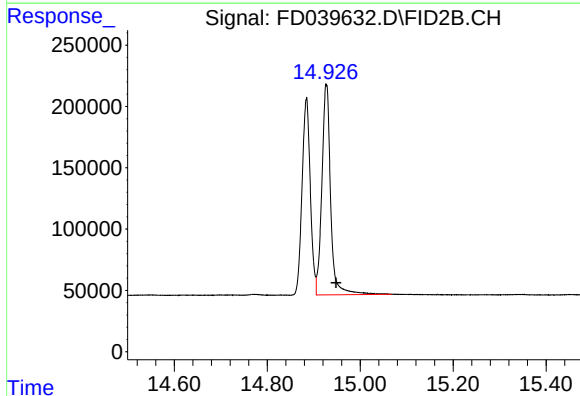
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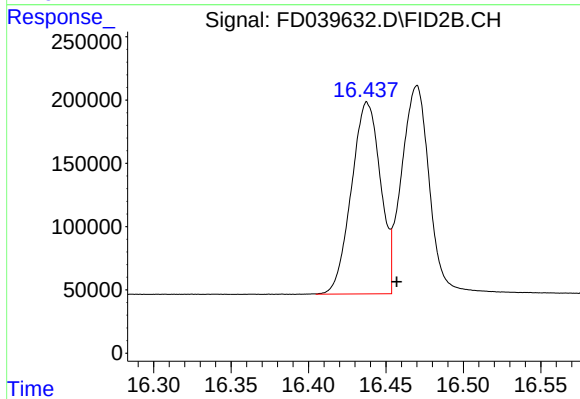
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.885 min
 Delta R.T.: -0.015 min
 Response: 1967169
 Conc: 20.13 ug/ml



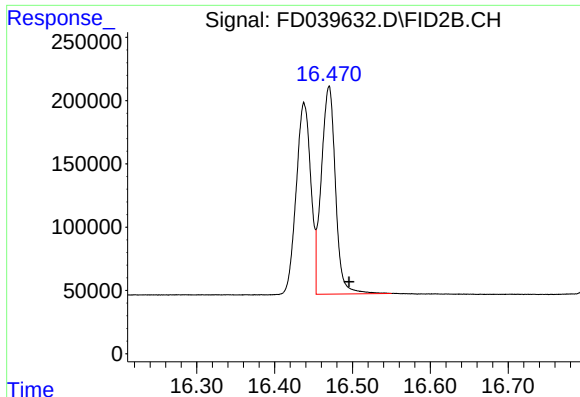
#15 Chrysene (C27.41)

R.T.: 14.927 min
 Delta R.T.: -0.021 min
 Response: 2255830
 Conc: 19.81 ug/ml



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

R.T.: 16.437 min
 Delta R.T.: -0.020 min
 Response: 1993174
 Conc: 20.26 ug/ml m



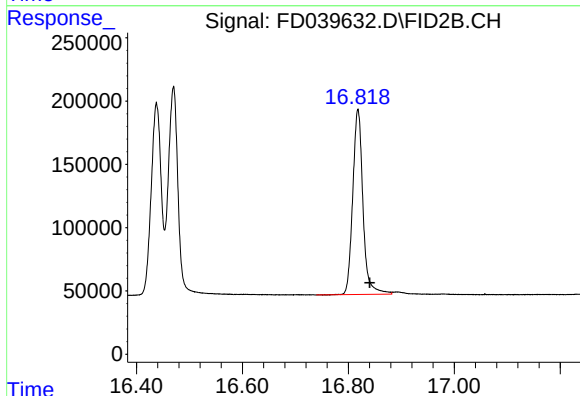
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.470 min
Delta R.T.: -0.026 min
Response: 2082550
Conc: 19.68 ug/ml

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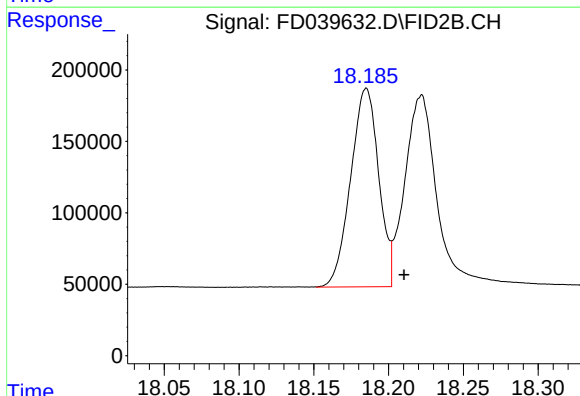
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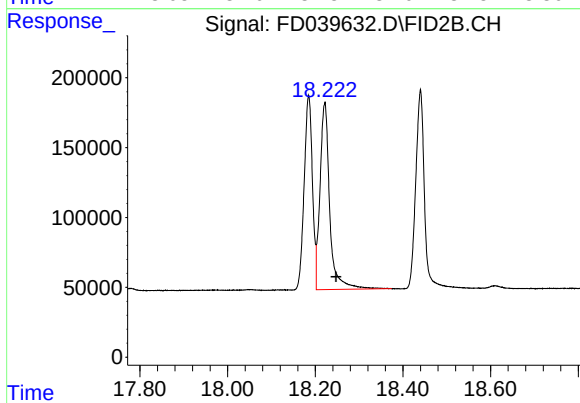
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: -0.022 min
Response: 1956471
Conc: 20.30 ug/ml



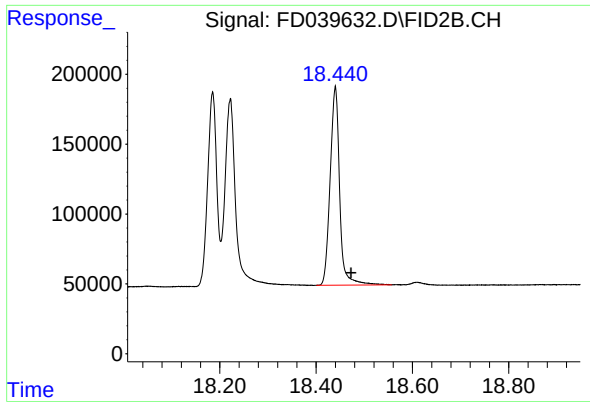
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.185 min
Delta R.T.: -0.026 min
Response: 1817145
Conc: 19.49 ug/ml m



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

R.T.: 18.222 min
Delta R.T.: -0.025 min
Response: 2065859
Conc: 20.17 ug/ml



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

R.T.: 18.440 min
Delta R.T.: -0.032 min
Response: 1953238
Conc: 19.76 ug/ml

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