

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039720.D
 Signal(s) : FID2B.CH
 Acq On : 06 Dec 2021 12:15
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 00:27:27 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	1906840	17.043 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
6) S 2-Fluorobiphenyl (SURR)	8.610	1267950	16.907 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.81%
11) S ortho-Terphenyl (SURR)	11.652	2135060	17.263 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2162680	17.461 ug/ml
2) T Naphthalene (C11.7)	6.076	2205752	17.248 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2221825	17.101 ug/ml
5) T Acenaphthylene (C15.06)	8.411	2049697	17.070 ug/ml
7) T Acenaphthene (C15.5)	8.706	2196873	17.250 ug/ml
8) T Fluorene (C16.55)	9.490	2106879	17.152 ug/ml
9) T Phenanthrene (C19.36)	10.892	2018784	16.831 ug/ml
10) T Anthracene (C19.43)	10.967	2005093	16.740 ug/ml
12) T Fluoranthene (C21.85)	12.708	1954040	16.391 ug/ml
13) T Pyrene (C20.8)	13.007	1909267	16.792 ug/ml
14) T Benzo[a]anthracene (C...	14.882	1681245	17.200 ug/ml
15) T Chrysene (C27.41)	14.923	1962617	17.239 ug/ml
16) T benzo[b]fluoranthene ...	16.434	1788806	18.183 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.466	1919227	18.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	1726938	17.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.182	1461946	15.683 ug/mlm
20) T Dibenz[a,h]anthracene...	18.220	1712391	16.719 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	1698083	17.179 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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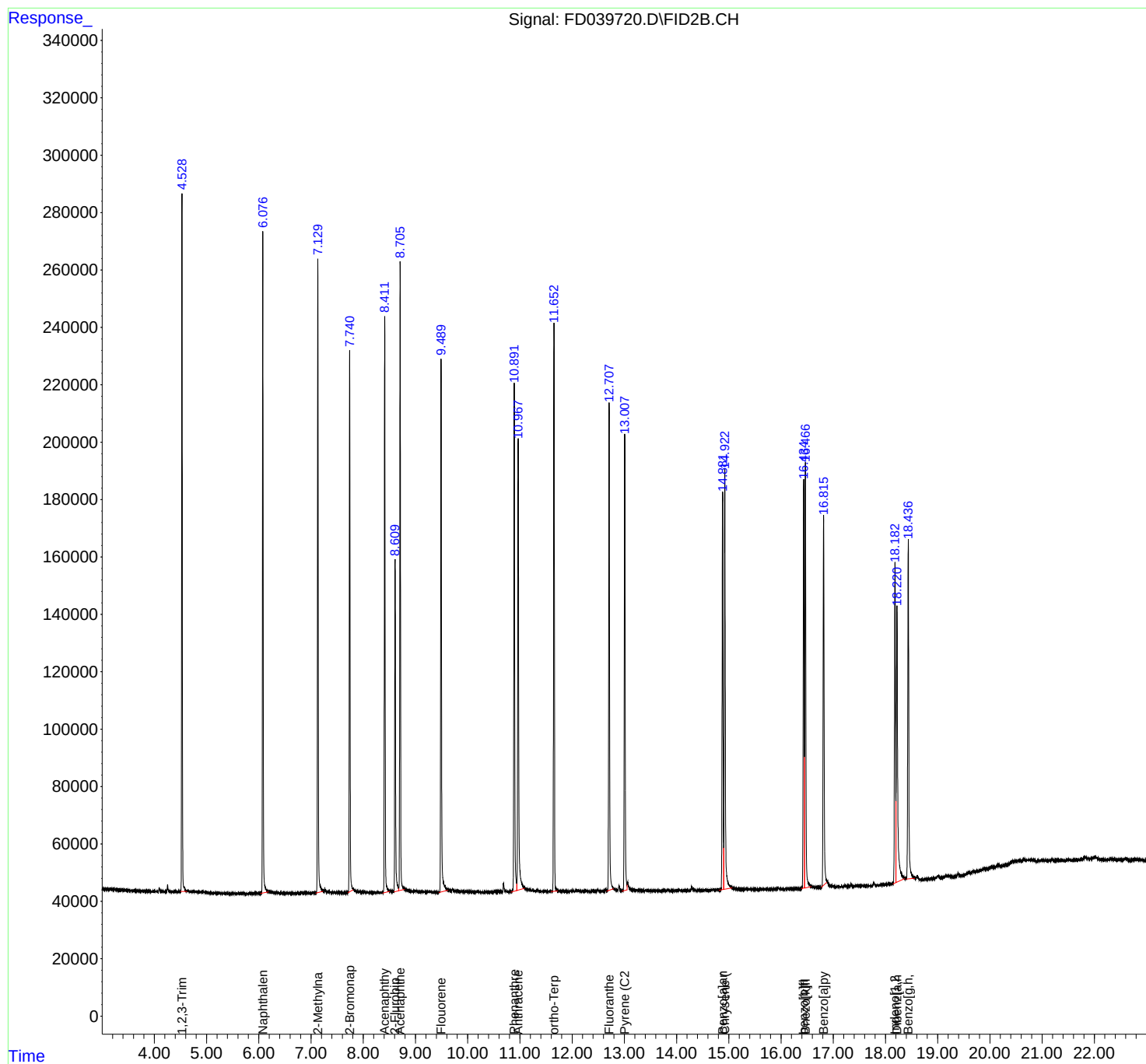
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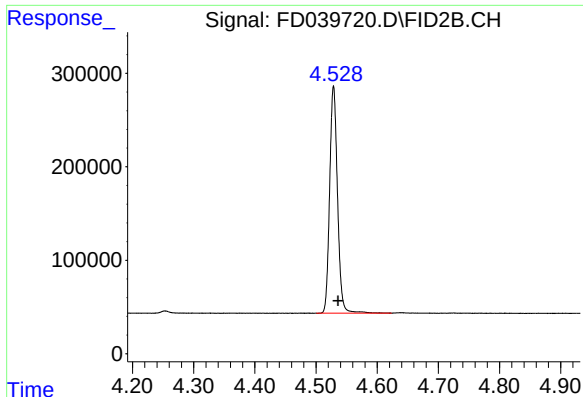
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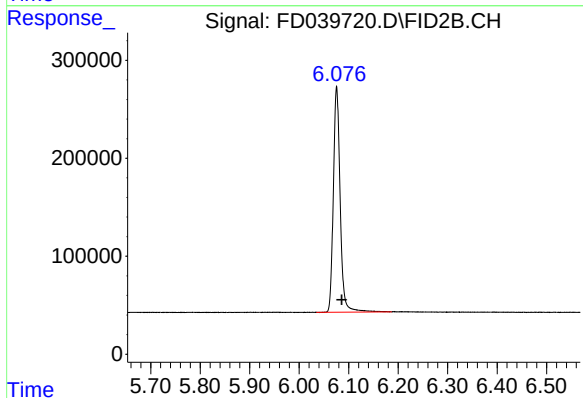
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.529 min
Delta R.T.: -0.007 min
Response: 2162680
Conc: 17.46 ug/ml

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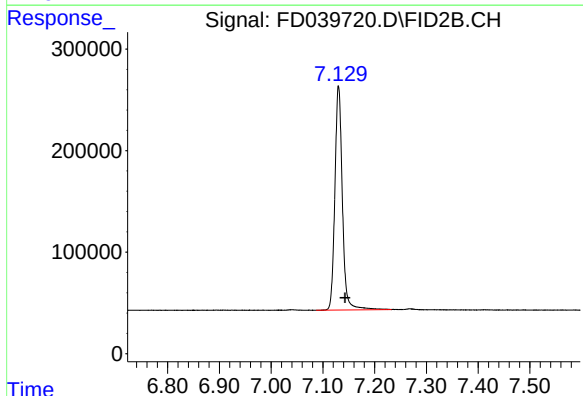
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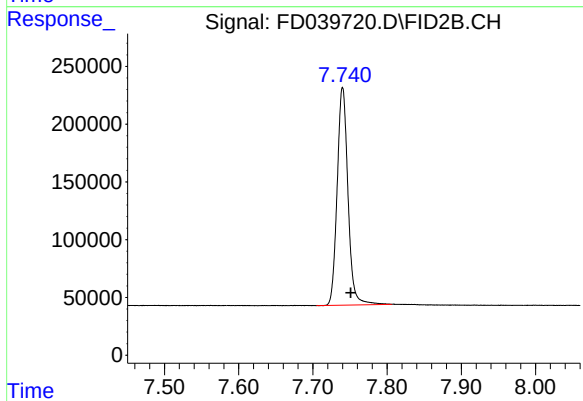
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.010 min
Response: 2205752
Conc: 17.25 ug/ml



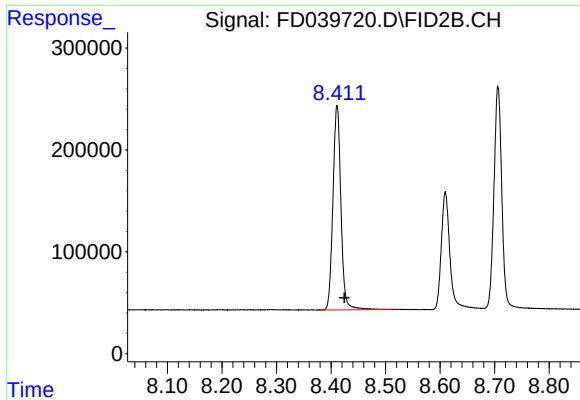
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.012 min
Response: 2221825
Conc: 17.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.011 min
Response: 1906840
Conc: 17.04 ug/ml



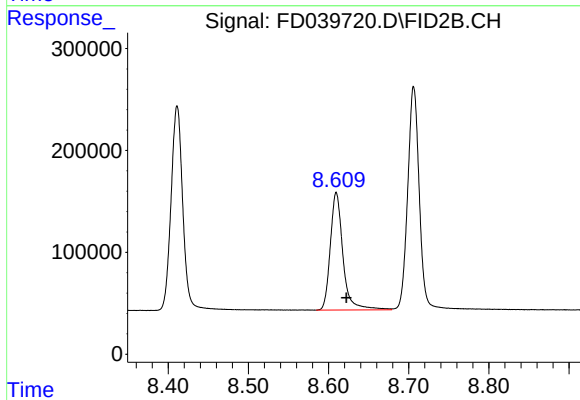
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: -0.013 min
Response: 2049697
Conc: 17.07 ug/ml

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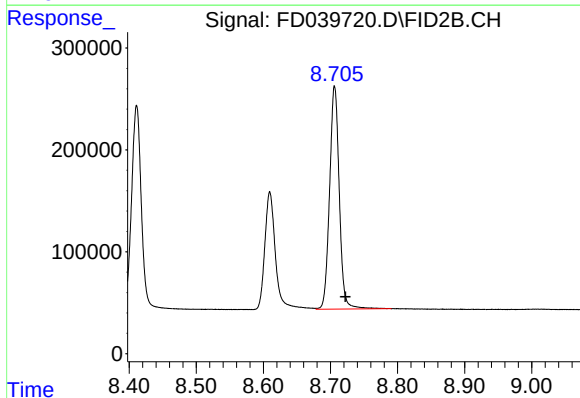
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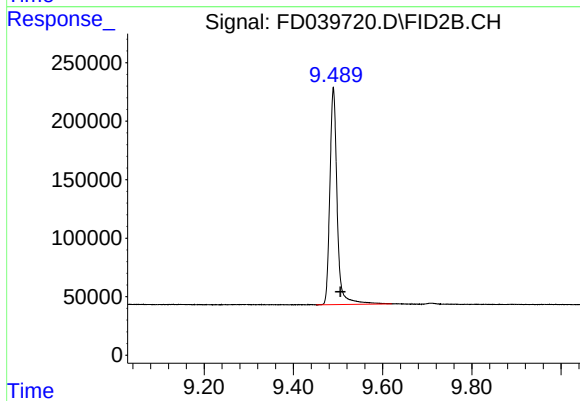
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.013 min
Response: 1267950
Conc: 16.91 ug/ml



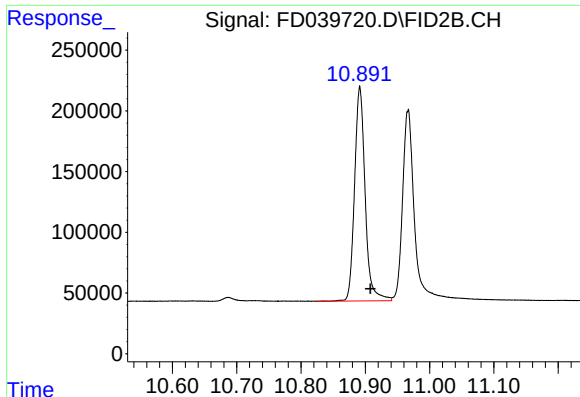
#7 Acenaphthene (C15.5)

R.T.: 8.706 min
Delta R.T.: -0.016 min
Response: 2196873
Conc: 17.25 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.490 min
Delta R.T.: -0.016 min
Response: 2106879
Conc: 17.15 ug/ml



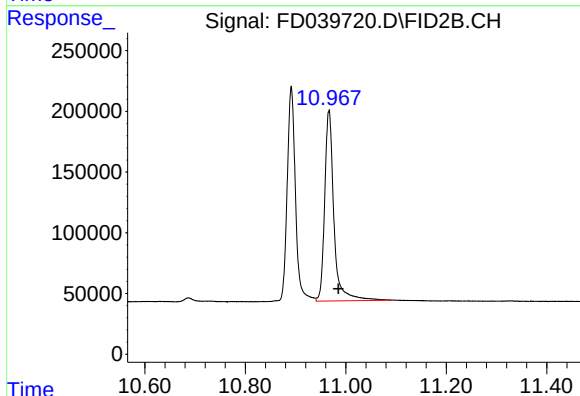
#9 Phenanthrene (C19.36)

R.T.: 10.892 min
Delta R.T.: -0.017 min
Response: 2018784
Conc: 16.83 ug/ml

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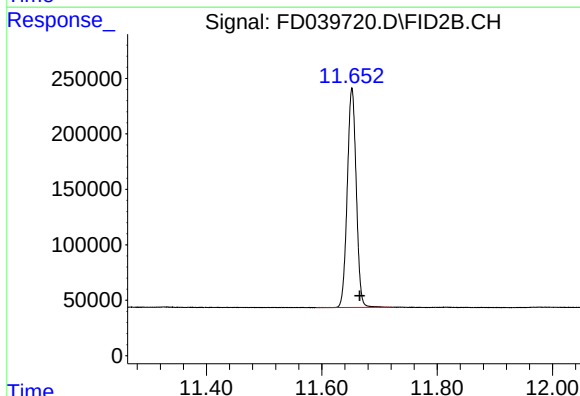
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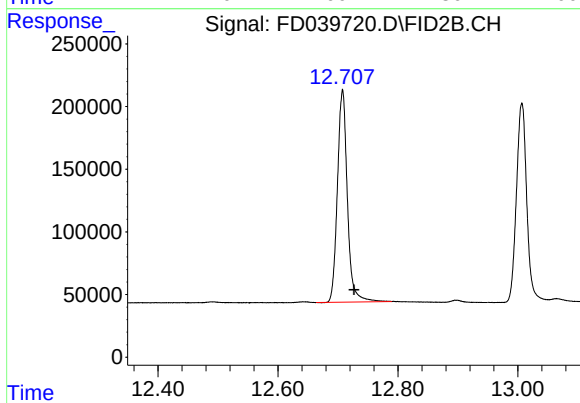
#10 Anthracene (C19.43)

R.T.: 10.967 min
Delta R.T.: -0.018 min
Response: 2005093
Conc: 16.74 ug/ml



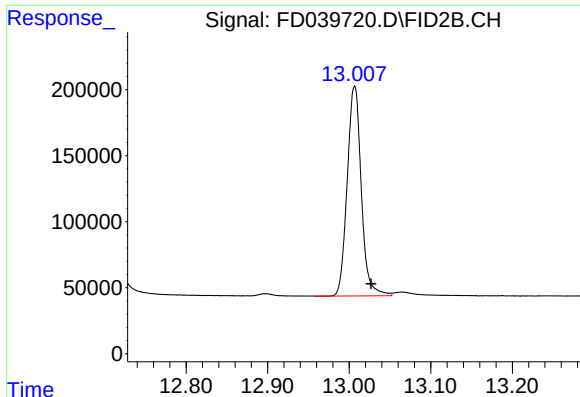
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: -0.013 min
Response: 2135060
Conc: 17.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.708 min
Delta R.T.: -0.019 min
Response: 1954040
Conc: 16.39 ug/ml



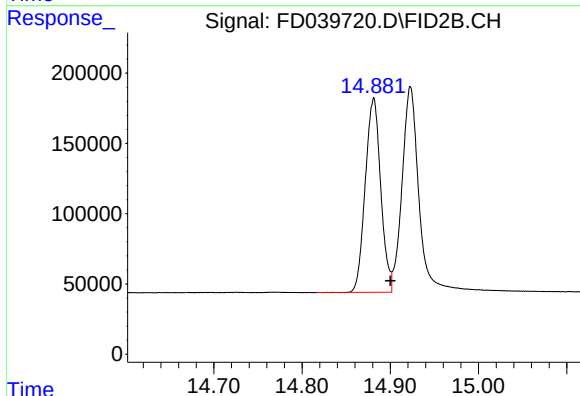
#13 Pyrene (C20.8)

R.T.: 13.007 min
Delta R.T.: -0.020 min
Response: 1909267
Conc: 16.79 ug/ml

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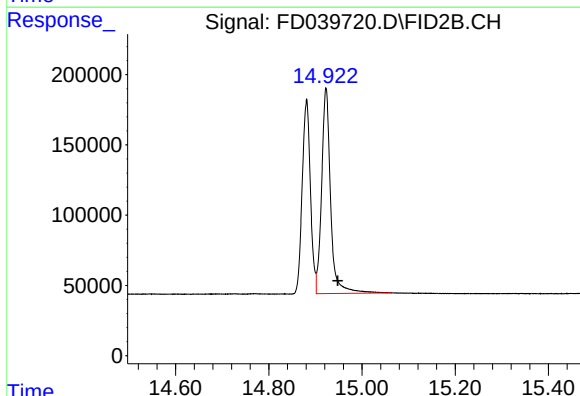
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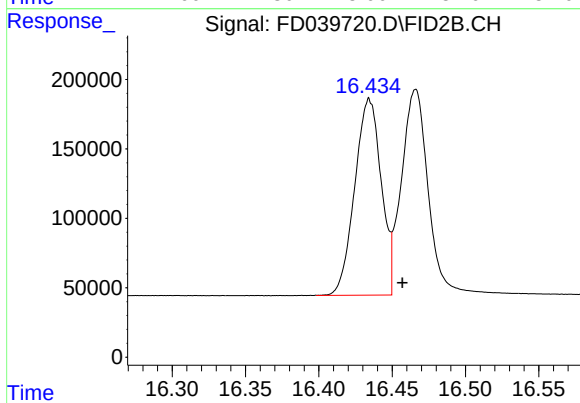
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.882 min
Delta R.T.: -0.019 min
Response: 1681245
Conc: 17.20 ug/ml



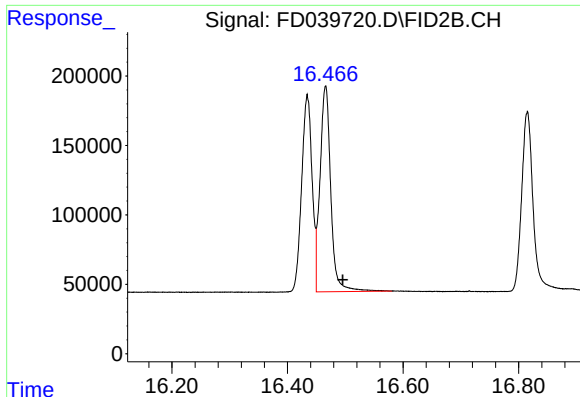
#15 Chrysene (C27.41)

R.T.: 14.923 min
Delta R.T.: -0.026 min
Response: 1962617
Conc: 17.24 ug/ml



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

R.T.: 16.434 min
Delta R.T.: -0.023 min
Response: 1788806
Conc: 18.18 ug/ml m



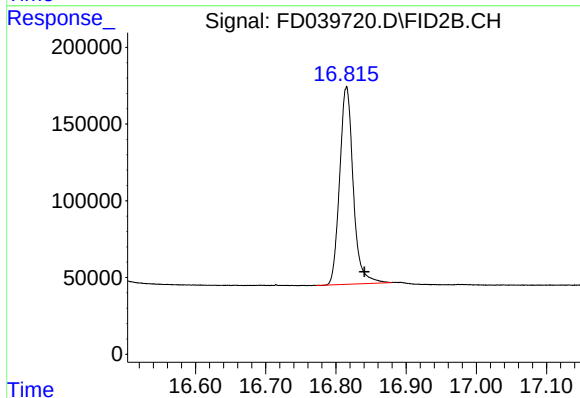
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.466 min
Delta R.T.: -0.030 min
Response: 1919227
Conc: 18.14 ug/ml

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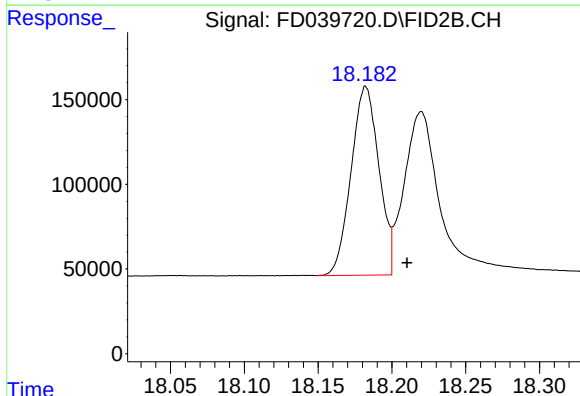
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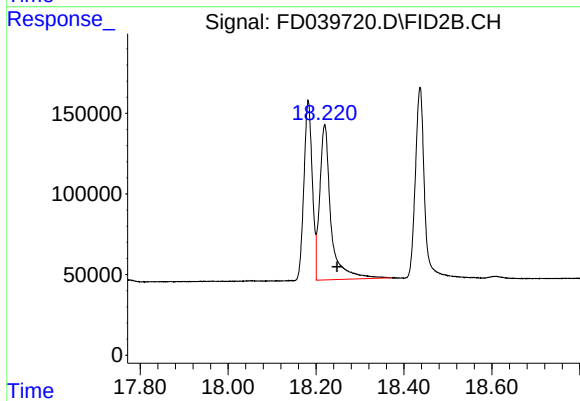
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.815 min
Delta R.T.: -0.025 min
Response: 1726938
Conc: 17.92 ug/ml



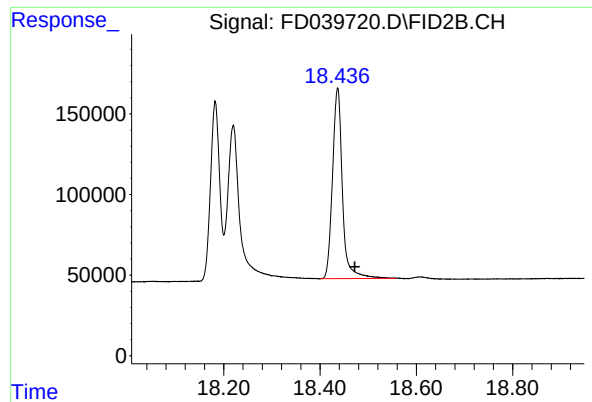
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.182 min
Delta R.T.: -0.029 min
Response: 1461946
Conc: 15.68 ug/ml m



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

R.T.: 18.220 min
Delta R.T.: -0.027 min
Response: 1712391
Conc: 16.72 ug/ml



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

R.T.: 18.437 min
Delta R.T.: -0.036 min
Response: 1698083
Conc: 17.18 ug/ml

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