

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039742.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 7:31
 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 08:01:18 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...	7.739	1984582	17.738 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
6) S 2-Fluorobiphenyl (SURR)	8.609	1294538	17.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.52%
11) S ortho-Terphenyl (SURR)	11.651	2183533	17.655 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2197623	17.743 ug/ml
2) T Naphthalene (C11.7)	6.075	2264458	17.707 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2288103	17.611 ug/ml
5) T Acenaphthylene (C15.06)	8.410	2092320	17.425 ug/ml
7) T Acenaphthene (C15.5)	8.705	2270447	17.828 ug/ml
8) T Fluorene (C16.55)	9.488	2155749	17.550 ug/ml
9) T Phenanthrene (C19.36)	10.890	2061174	17.184 ug/ml
10) T Anthracene (C19.43)	10.965	2065004	17.241 ug/ml
12) T Fluoranthene (C21.85)	12.707	2053662	17.227 ug/ml
13) T Pyrene (C20.8)	13.005	1999877	17.589 ug/ml
14) T Benzo[a]anthracene (C...	14.879	1796904	18.384 ug/mlm
15) T Chrysene (C27.41)	14.921	2090459	18.362 ug/ml
16) T benzo[b]fluoranthene ...	16.432	1892649	19.239 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.464	2002160	18.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.812	1852159	19.218 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	1710647	18.352 ug/mlm
20) T Dibenz[a,h]anthracene...	18.216	1980179	19.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.434	1857028	18.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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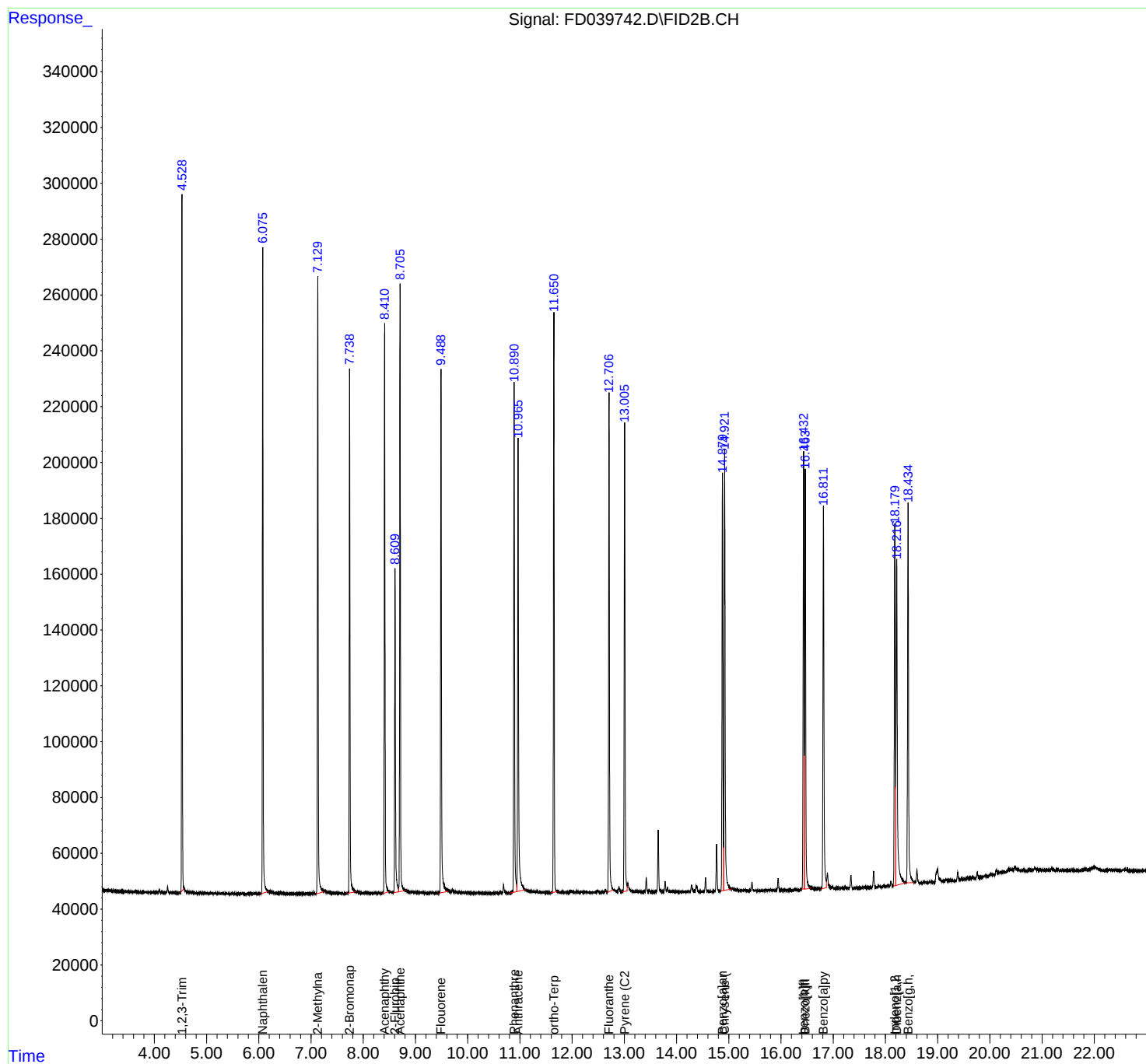
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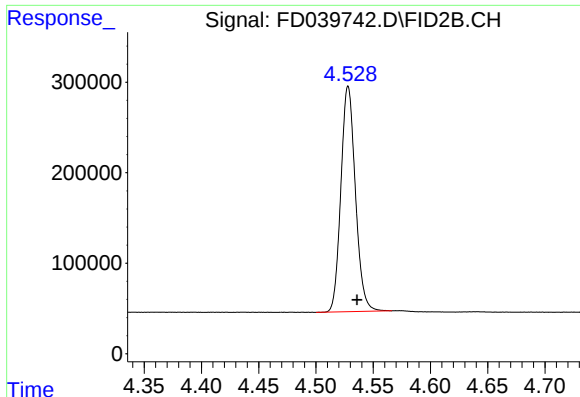
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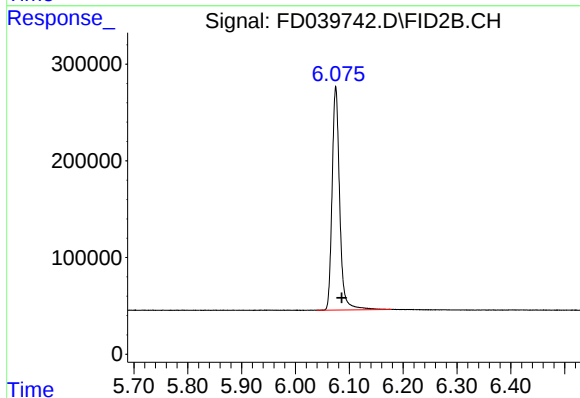
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 2197623
Conc: 17.74 ug/ml

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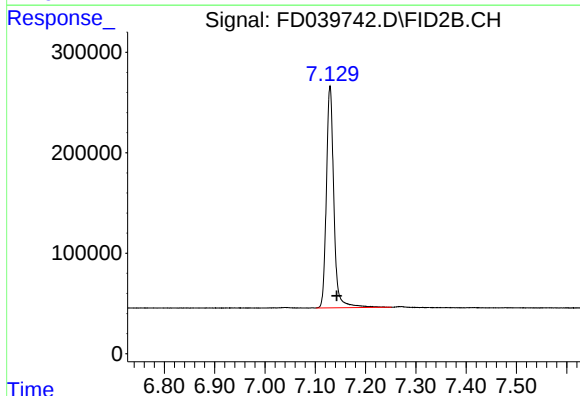
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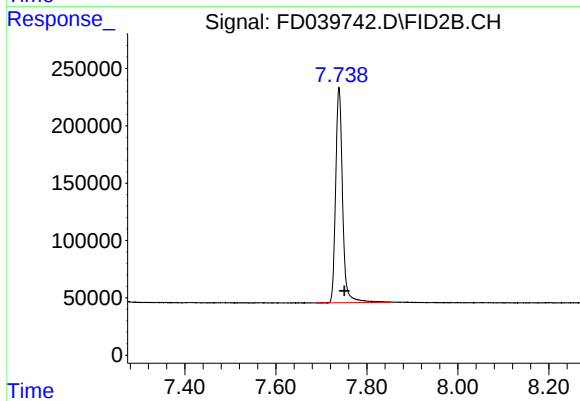
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 2264458
Conc: 17.71 ug/ml



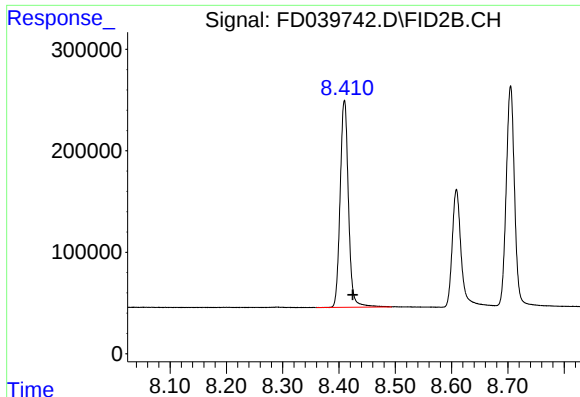
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.013 min
Response: 2288103
Conc: 17.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: -0.012 min
Response: 1984582
Conc: 17.74 ug/ml



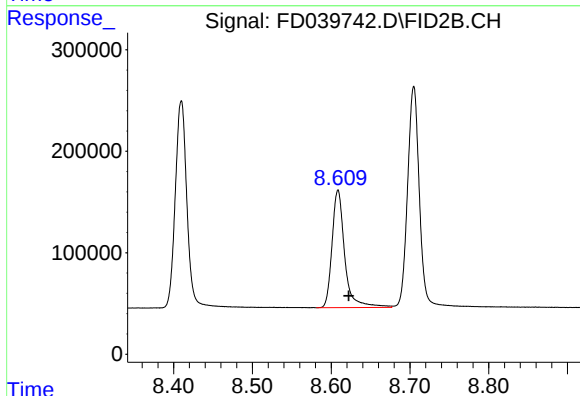
#5 Acenaphthylene (C15.06)

R.T.: 8.410 min
Delta R.T.: -0.014 min
Response: 2092320
Conc: 17.43 ug/ml

Instrument :
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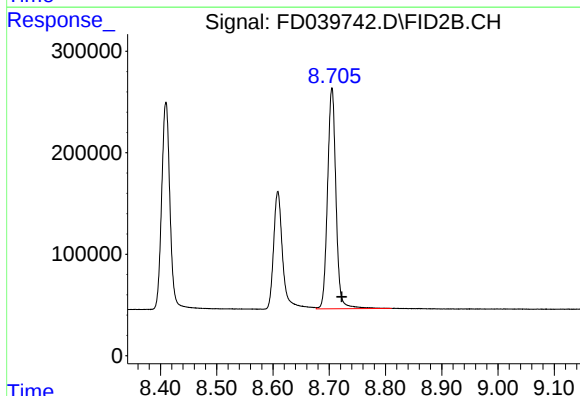
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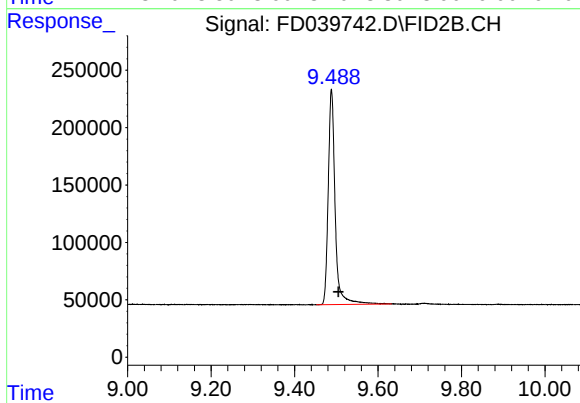
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.609 min
Delta R.T.: -0.013 min
Response: 1294538
Conc: 17.26 ug/ml



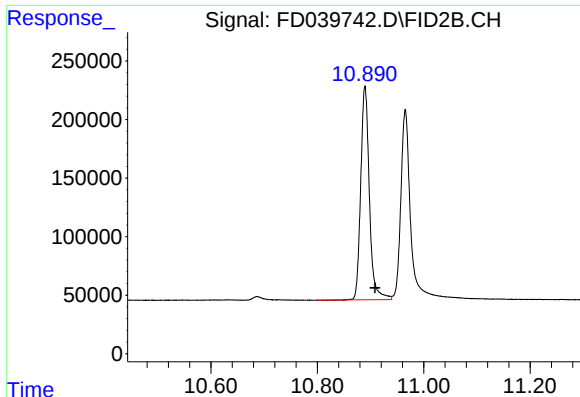
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: -0.017 min
Response: 2270447
Conc: 17.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.488 min
Delta R.T.: -0.017 min
Response: 2155749
Conc: 17.55 ug/ml



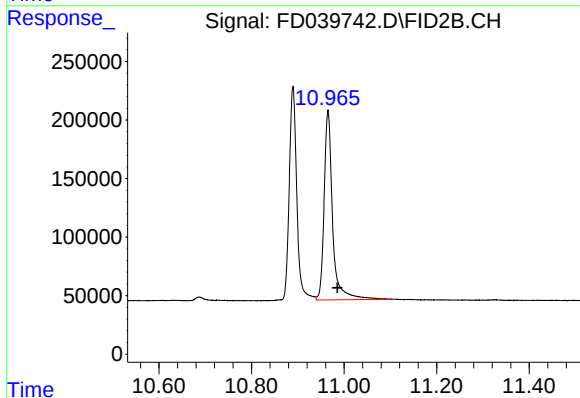
#9 Phenanthrene (C19.36)

R.T.: 10.890 min
Delta R.T.: -0.019 min
Response: 2061174
Conc: 17.18 ug/ml

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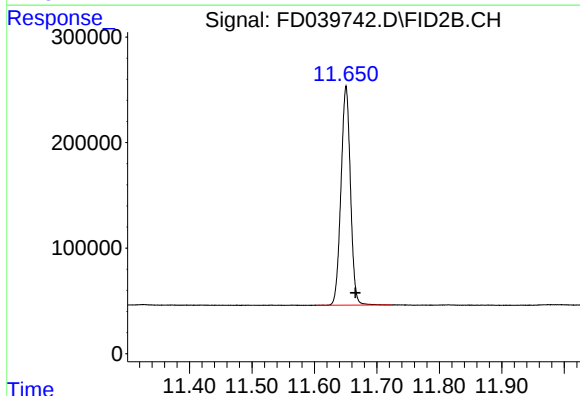
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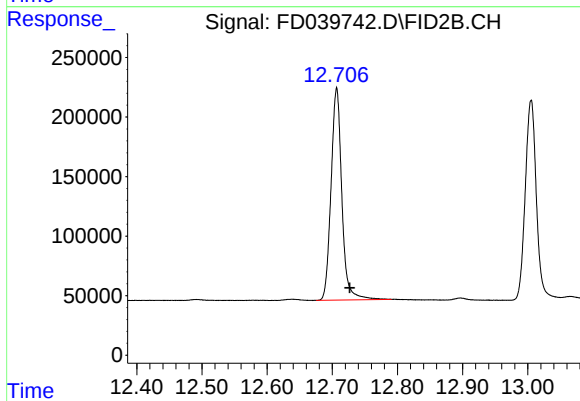
#10 Anthracene (C19.43)

R.T.: 10.965 min
Delta R.T.: -0.020 min
Response: 2065004
Conc: 17.24 ug/ml



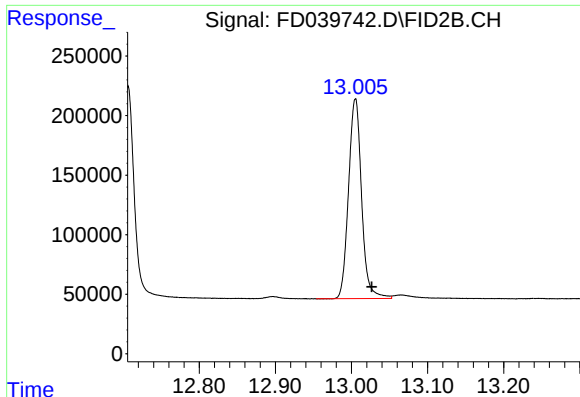
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.015 min
Response: 2183533
Conc: 17.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.707 min
Delta R.T.: -0.020 min
Response: 2053662
Conc: 17.23 ug/ml



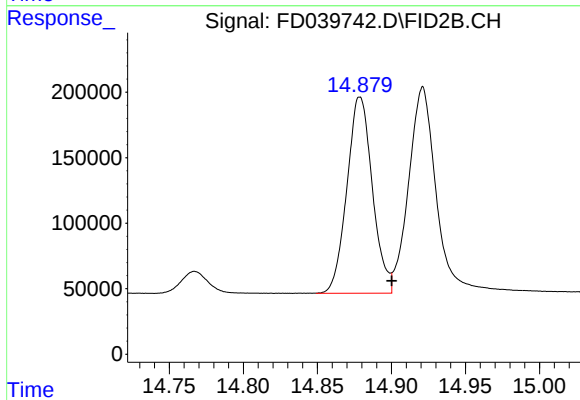
#13 Pyrene (C20.8)

R.T.: 13.005 min
Delta R.T.: -0.021 min
Response: 1999877
Conc: 17.59 ug/ml

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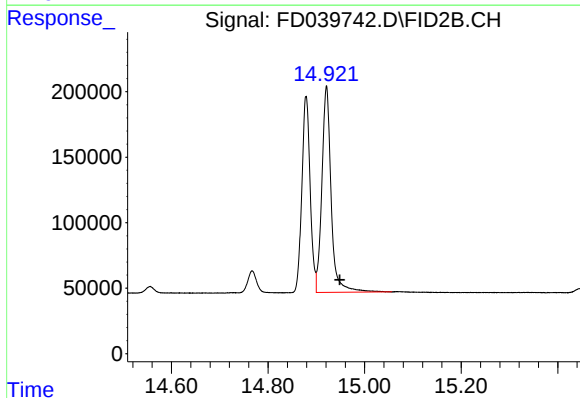
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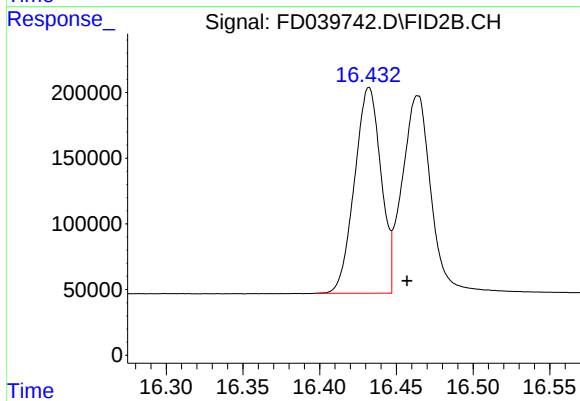
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.879 min
Delta R.T.: -0.021 min
Response: 1796904
Conc: 18.38 ug/ml m



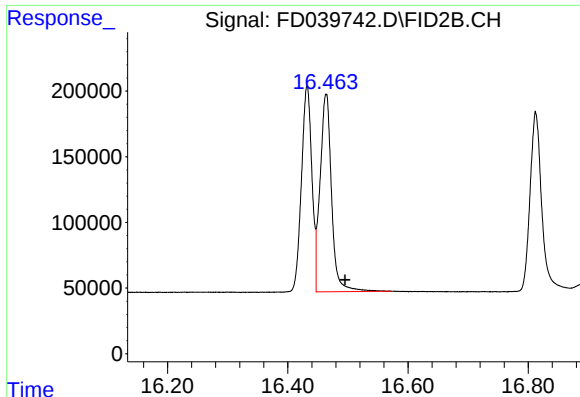
#15 Chrysene (C27.41)

R.T.: 14.921 min
Delta R.T.: -0.027 min
Response: 2090459
Conc: 18.36 ug/ml



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

R.T.: 16.432 min
Delta R.T.: -0.025 min
Response: 1892649
Conc: 19.24 ug/ml m



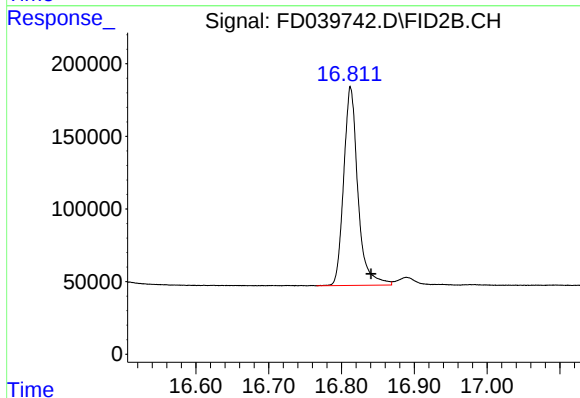
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.464 min
Delta R.T.: -0.032 min
Response: 2002160
Conc: 18.92 ug/ml

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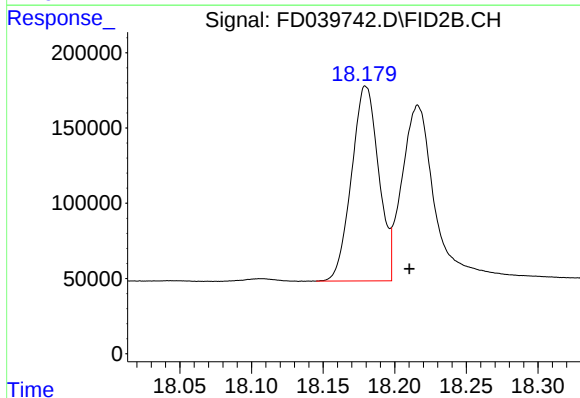
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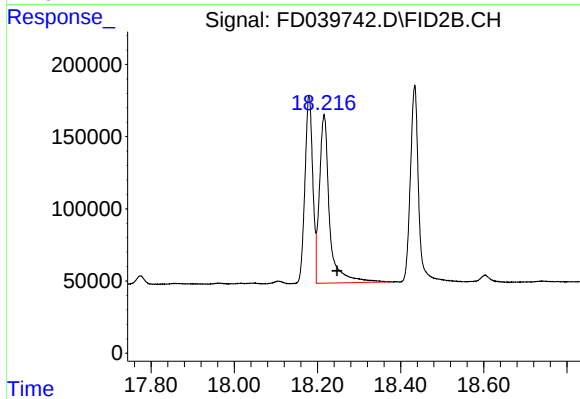
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.812 min
Delta R.T.: -0.028 min
Response: 1852159
Conc: 19.22 ug/ml



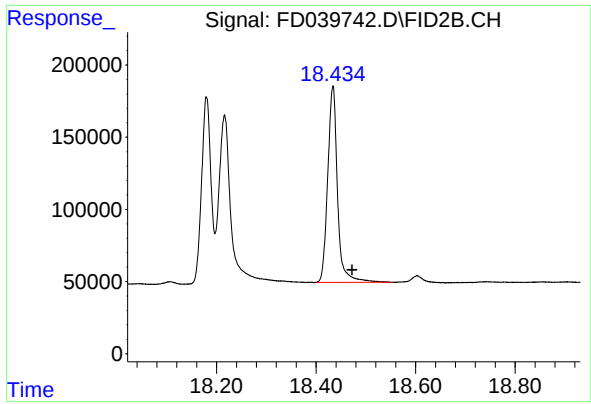
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.179 min
Delta R.T.: -0.031 min
Response: 1710647
Conc: 18.35 ug/ml m



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

R.T.: 18.216 min
Delta R.T.: -0.031 min
Response: 1980179
Conc: 19.33 ug/ml



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

R.T.: 18.434 min
Delta R.T.: -0.038 min
Response: 1857028
Conc: 18.79 ug/ml

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