

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034601.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 2:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Ankita
 9/1/2020 1:27:58 PM

Integration File: autoint1.e
 Quant Time: Sep 01 03:18:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.689	2016744	19.663 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
6) S 2-Fluorobiphenyl (SURR)	8.554	1423122	19.779 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.56%
11) S ortho-Terphenyl (SURR)	11.595	2325210	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	2175223	19.213 ug/ml
2) T Naphthalene (C11.7)	6.026	2275749	19.497 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	2321257	19.654 ug/ml
5) T Acenaphthylene (C15.06)	8.357	2284441	19.547 ug/ml
7) T Acenaphthene (C15.5)	8.652	2329397	19.578 ug/ml
8) T Flouorene (C16.55)	9.433	2261889	19.618 ug/ml
9) T Phenanthrene (C19.36)	10.831	2281421	19.567 ug/ml
10) T Anthracene (C19.43)	10.906	2231011	19.584 ug/ml
12) T Fluoranthene (C21.85)	12.644	2272446	19.487 ug/ml
13) T Pyrene (C20.8)	12.941	2199043	19.377 ug/ml
14) T Benzo[a]anthracene (C...	14.812	2151450	19.494 ug/ml
15) T Chrysene (C27.41)	14.854	2158674	19.326 ug/ml
16) T benzo[b]fluoranthene ...	16.362	2093429	19.545 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.394	2055674	19.387 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.741	2046016	19.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.105	1972729	19.473 ug/mlm
20) T Dibenz[a,h]anthracene...	18.143	1990777	19.594 ug/ml
21) T Benzo[g,h,i]perylene ...	18.358	1956600	19.377 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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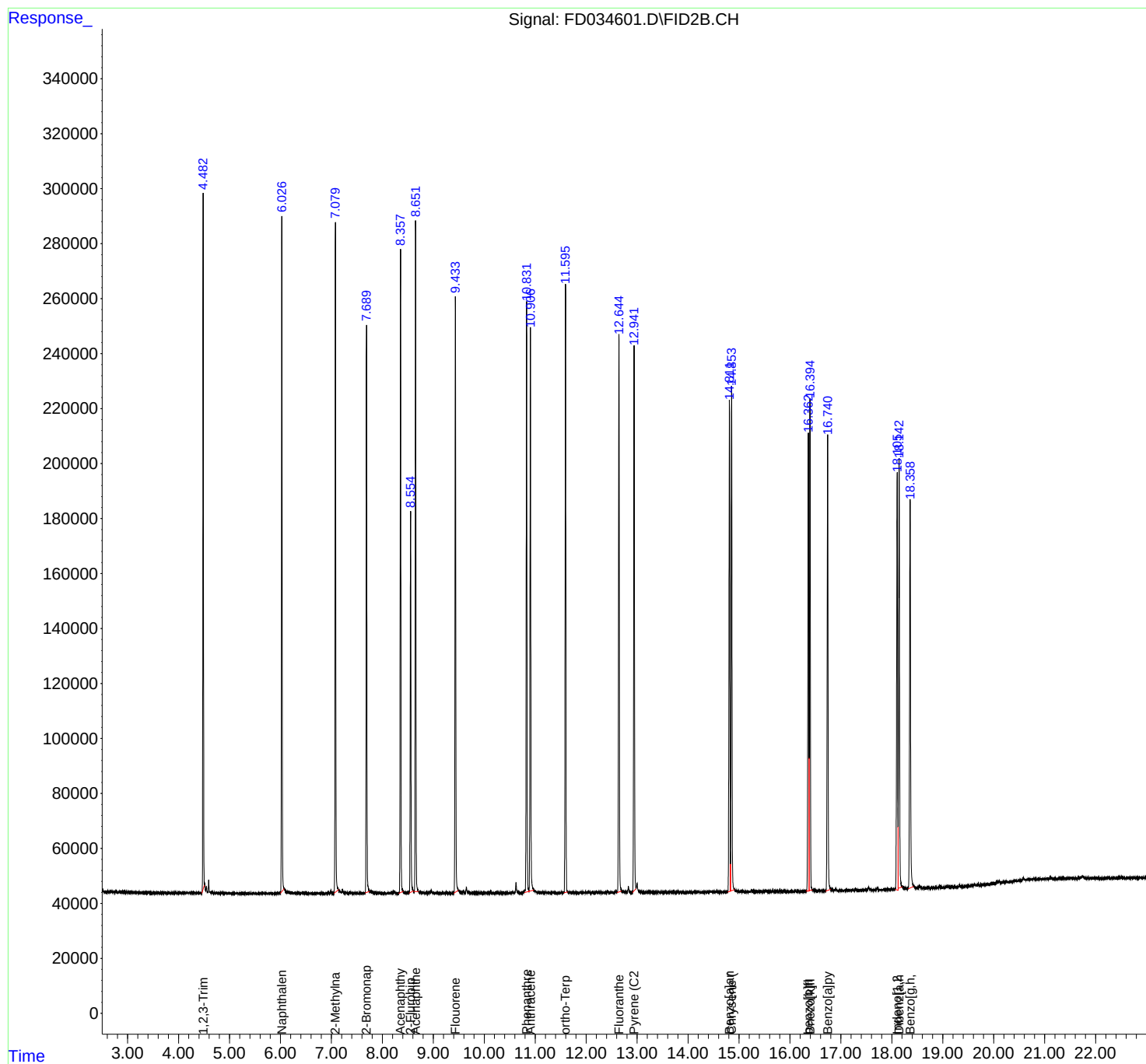
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20 PPM AROMATIC HC STD ICV

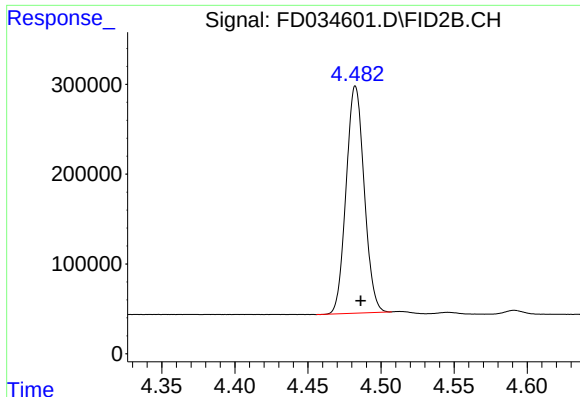
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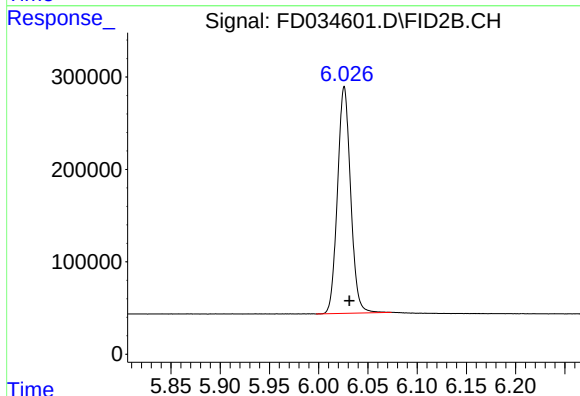
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.483 min
Delta R.T.: -0.003 min
Response: 2175223
Conc: 19.21 ug/ml

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20 PPM AROMATIC HC STD ICV

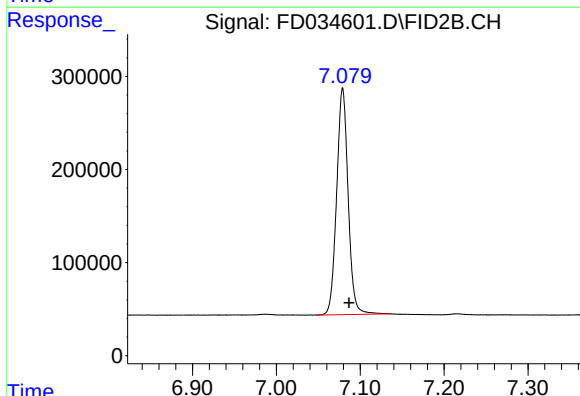
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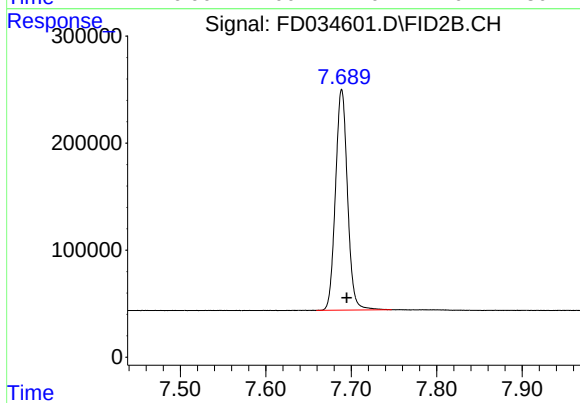
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 2275749
Conc: 19.50 ug/ml



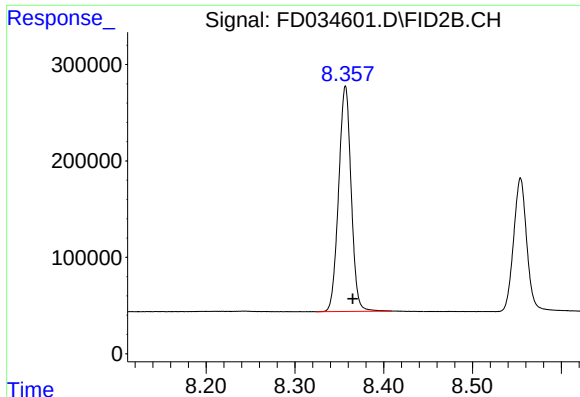
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.007 min
Response: 2321257
Conc: 19.65 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 2016744
Conc: 19.66 ug/ml



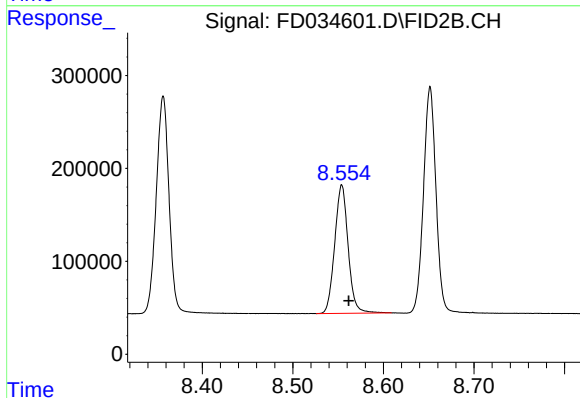
#5 Acenaphthylene (C15.06)

R.T.: 8.357 min
Delta R.T.: -0.008 min
Response: 2284441
Conc: 19.55 ug/ml

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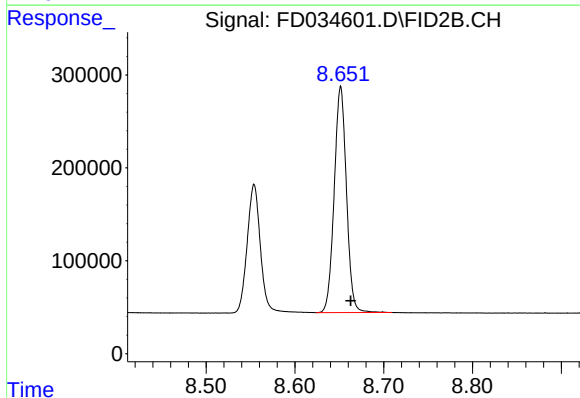
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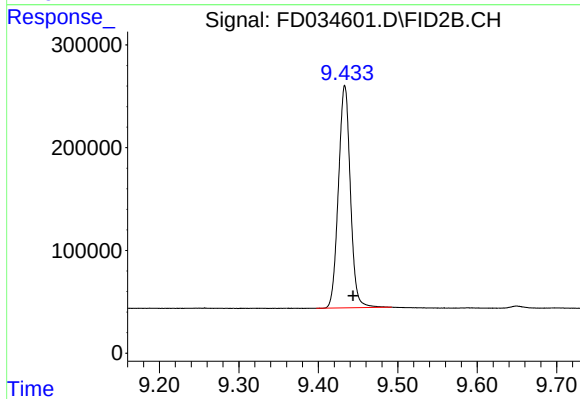
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 1423122
Conc: 19.78 ug/ml



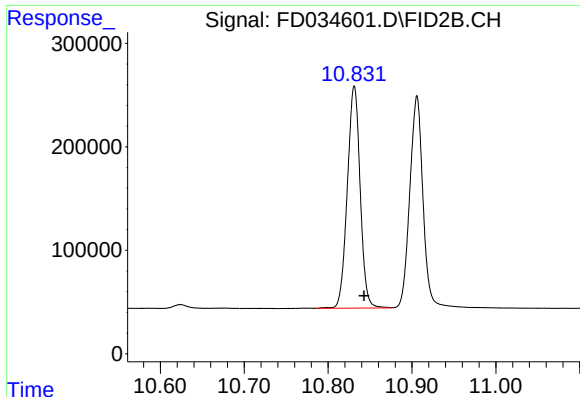
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 2329397
Conc: 19.58 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.010 min
Response: 2261889
Conc: 19.62 ug/ml



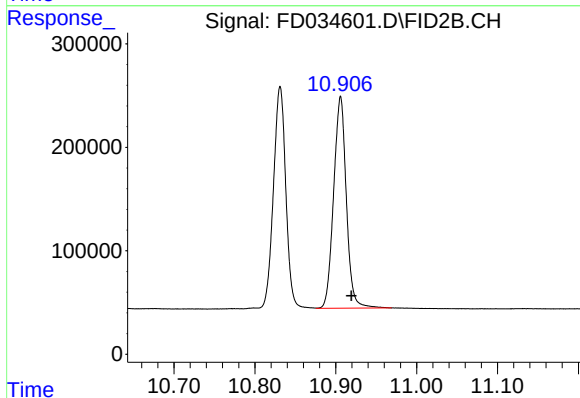
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: -0.012 min
Response: 2281421
Conc: 19.57 ug/ml

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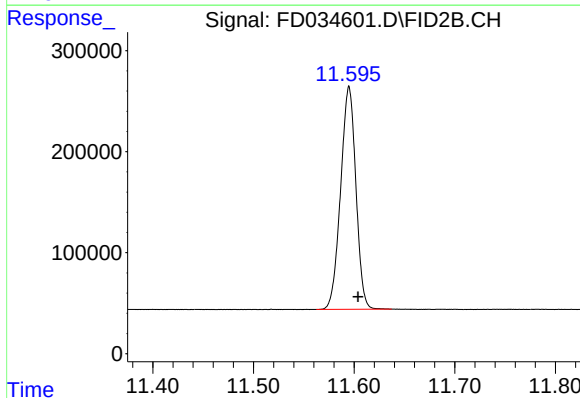
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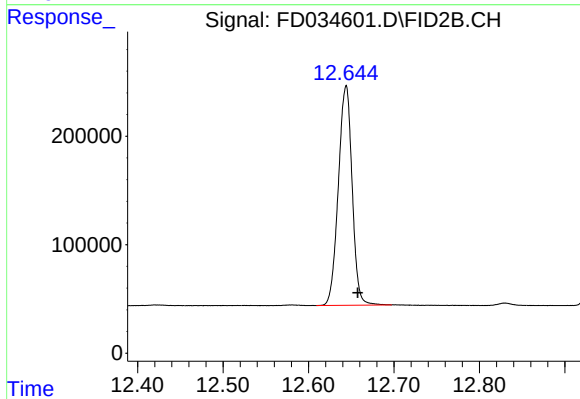
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.013 min
Response: 2231011
Conc: 19.58 ug/ml



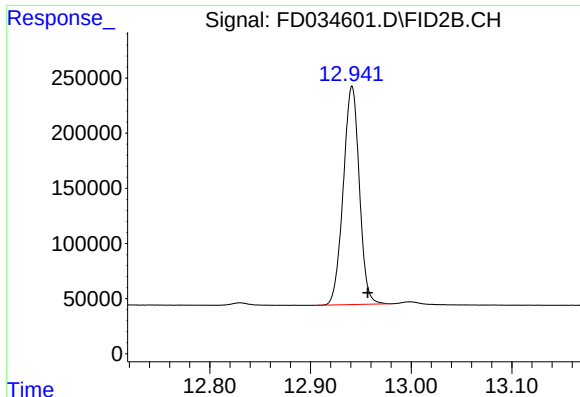
#11 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: -0.009 min
Response: 2325210
Conc: 19.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.644 min
Delta R.T.: -0.014 min
Response: 2272446
Conc: 19.49 ug/ml



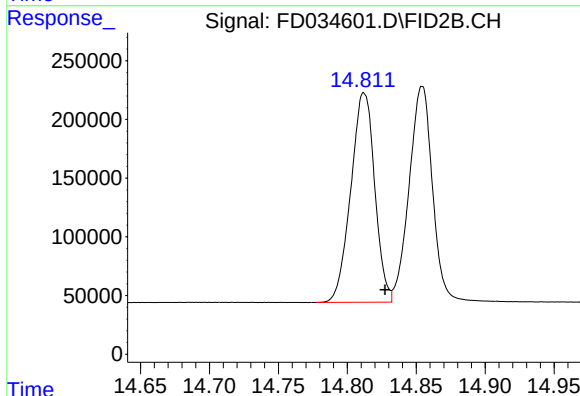
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 2199043
Conc: 19.38 ug/ml

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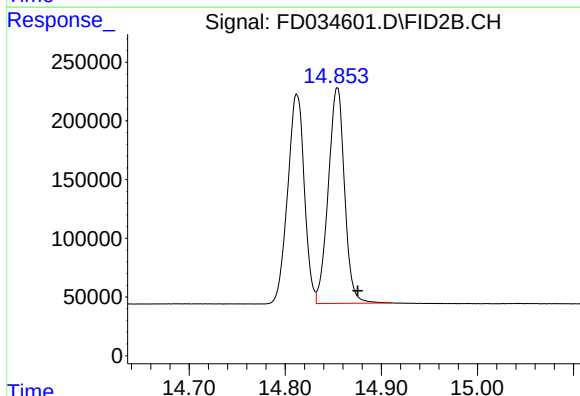
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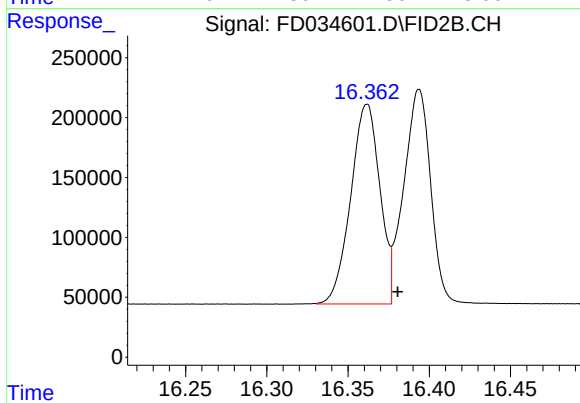
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.015 min
Response: 2151450
Conc: 19.49 ug/ml



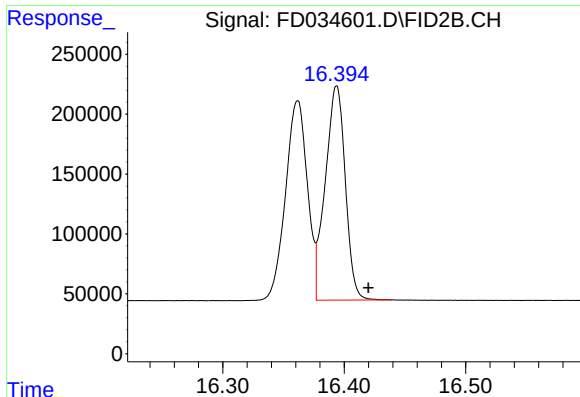
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: -0.021 min
Response: 2158674
Conc: 19.33 ug/ml



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

R.T.: 16.362 min
Delta R.T.: -0.019 min
Response: 2093429
Conc: 19.54 ug/ml m



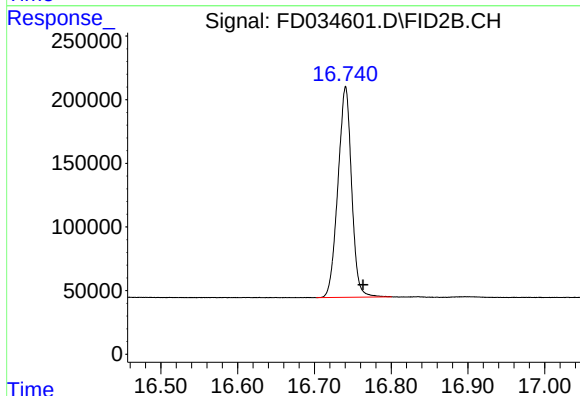
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.394 min
Delta R.T.: -0.026 min
Response: 2055674
Conc: 19.39 ug/ml

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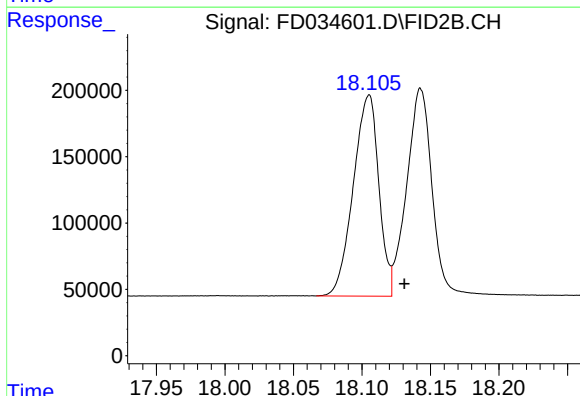
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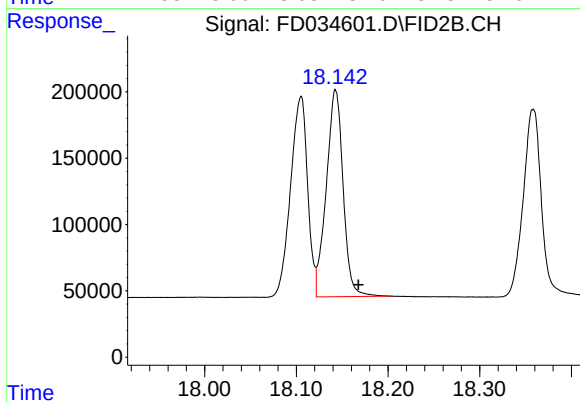
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.741 min
Delta R.T.: -0.023 min
Response: 2046016
Conc: 19.43 ug/ml



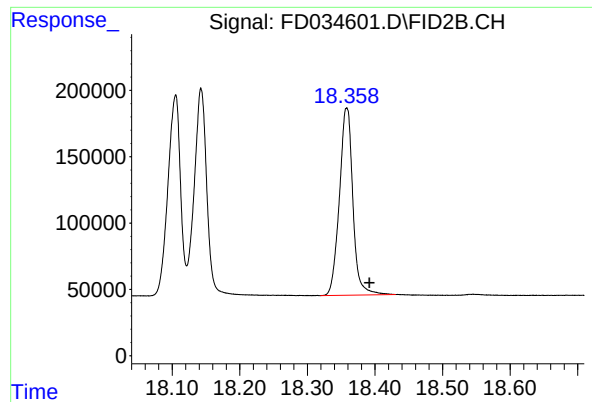
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.105 min
Delta R.T.: -0.026 min
Response: 1972729
Conc: 19.47 ug/ml m



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 1990777
Conc: 19.59 ug/ml



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

R.T.: 18.358 min
Delta R.T.: -0.034 min
Response: 1956600
Conc: 19.38 ug/ml

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