

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091620AR\
 Data File : FD034745.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2020 23:45
 Operator : DD\AJ
 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

Ankita
 9/17/2020 12:21:09 PM

Integration File: autoint1.e
 Quant Time: Sep 17 00:47:25 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...	7.687	2000171	19.501 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
6) S 2-Fluorobiphenyl (SURR)	8.553	1382111	19.209 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.42%
11) S ortho-Terphenyl (SURR)	11.594	2285533	19.078 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	2276468	20.107 ug/ml
2) T Naphthalene (C11.7)	6.024	2302209	19.724 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	2298394	19.460 ug/ml
5) T Acenaphthylene (C15.06)	8.355	2238413	19.153 ug/ml
7) T Acenaphthene (C15.5)	8.652	2295269	19.291 ug/ml
8) T Fluorene (C16.55)	9.433	2212128	19.186 ug/ml
9) T Phenanthrene (C19.36)	10.831	2189178	18.775 ug/ml
10) T Anthracene (C19.43)	10.906	1989398	17.463 ug/ml
12) T Fluoranthene (C21.85)	12.645	2191219	18.791 ug/ml
13) T Pyrene (C20.8)	12.943	2133101	18.796 ug/ml
14) T Benzo[a]anthracene (C...	14.815	2070591	18.762 ug/ml
15) T Chrysene (C27.41)	14.857	2106455	18.859 ug/ml
16) T benzo[b]fluoranthene ...	16.367	2088344	19.497 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	2055140	19.382 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.746	2067640	19.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	2072317	20.456 ug/mlm
20) T Dibenz[a,h]anthracene...	18.149	2091850	20.589 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2076571	20.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

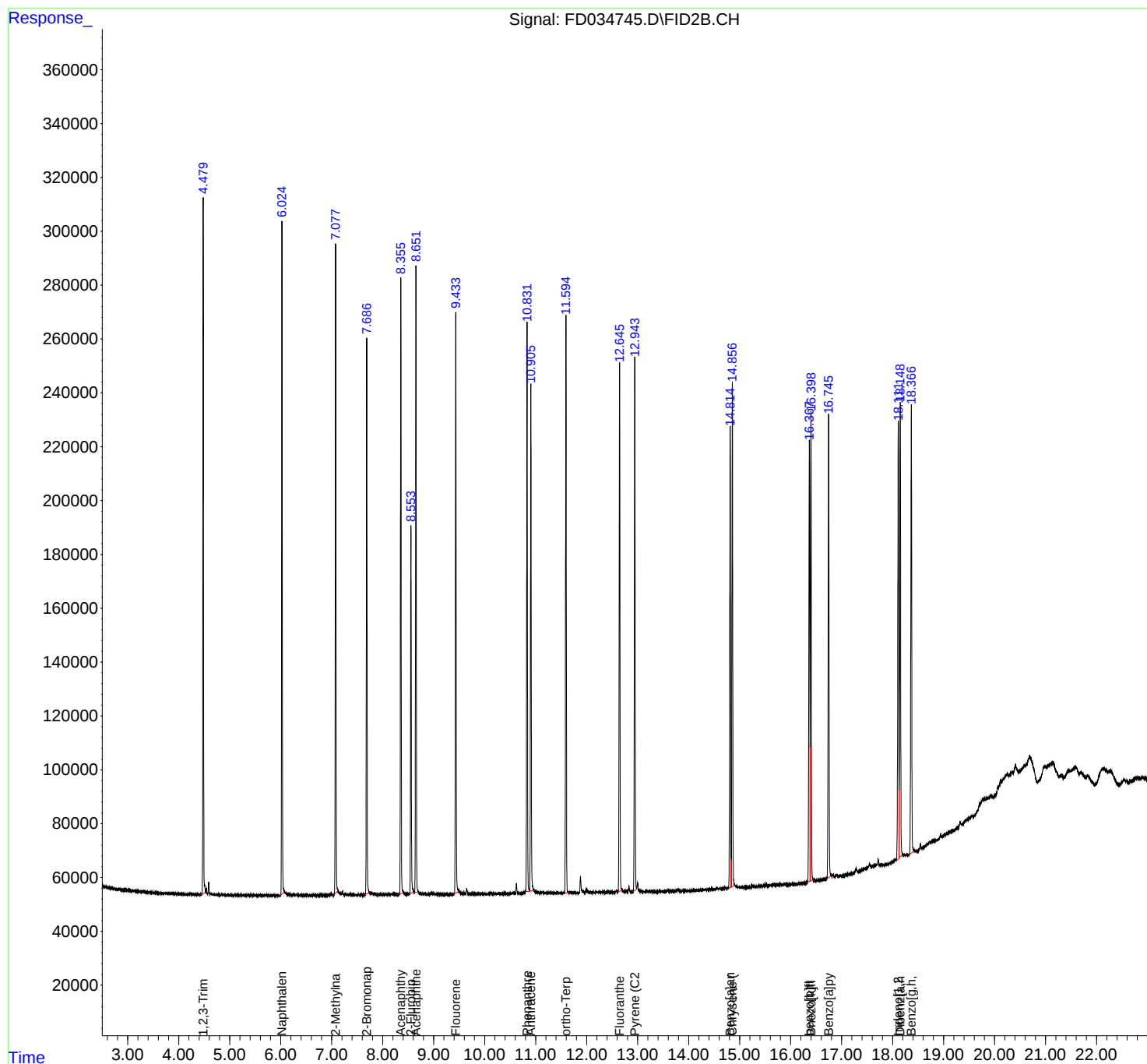
Instrument :
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20 PPM AROMATIC HC STD

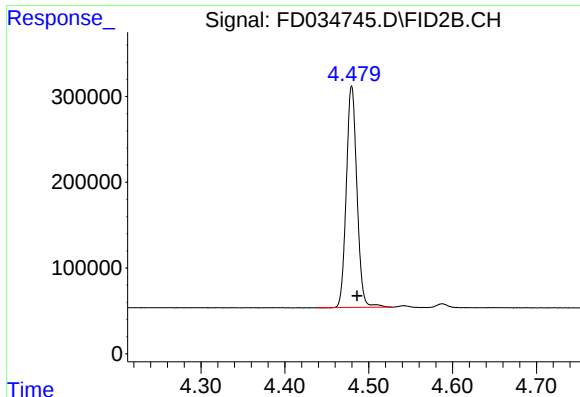
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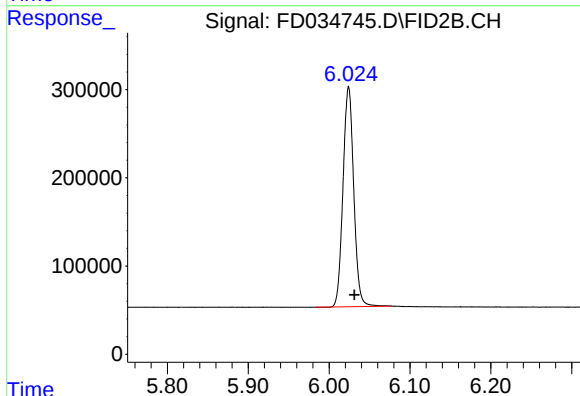
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.480 min
Delta R.T.: -0.006 min
Response: 2276468
Conc: 20.11 ug/ml

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20 PPM AROMATIC HC STD

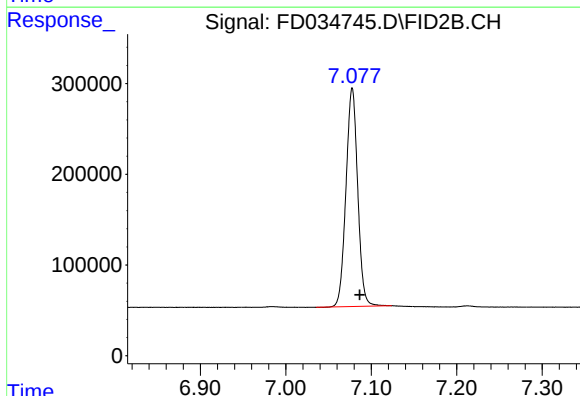
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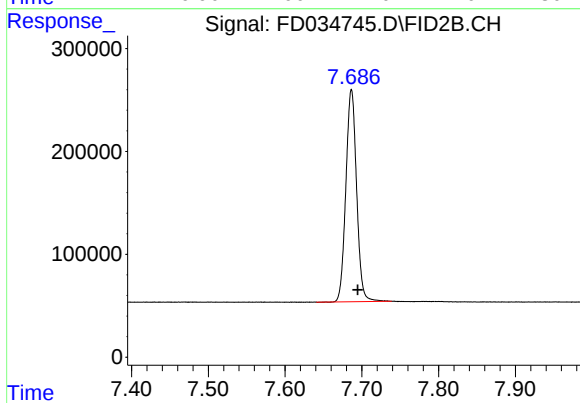
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.007 min
Response: 2302209
Conc: 19.72 ug/ml



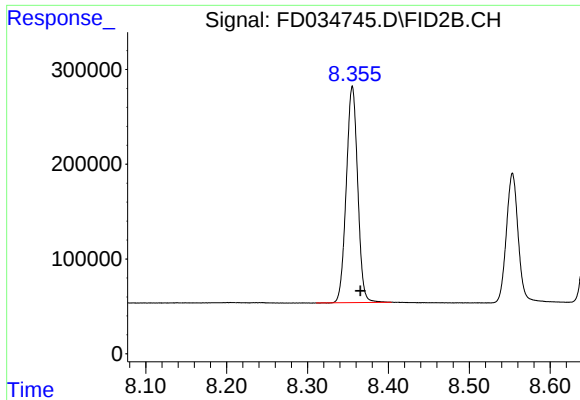
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.009 min
Response: 2298394
Conc: 19.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.008 min
Response: 2000171
Conc: 19.50 ug/ml



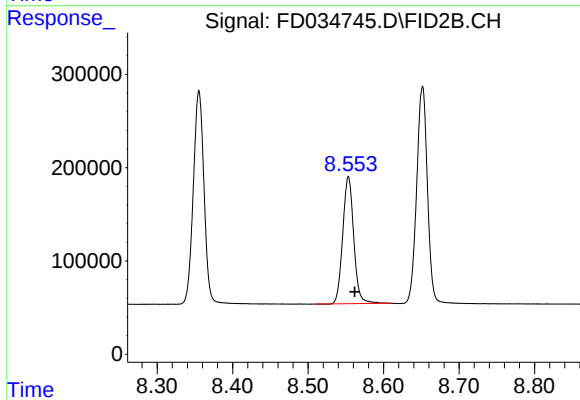
#5 Acenaphthylene (C15.06)

R.T.: 8.355 min
Delta R.T.: -0.010 min
Response: 2238413
Conc: 19.15 ug/ml

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20 PPM AROMATIC HC STD

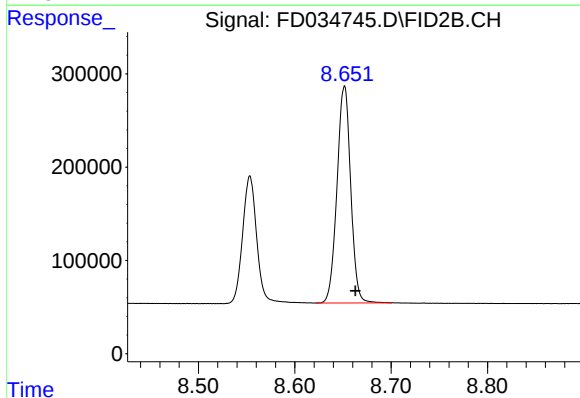
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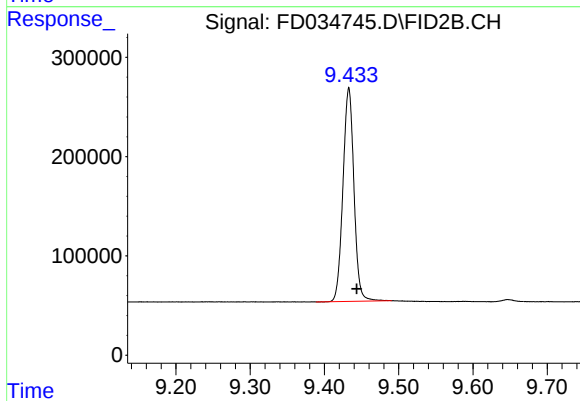
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.008 min
Response: 1382111
Conc: 19.21 ug/ml



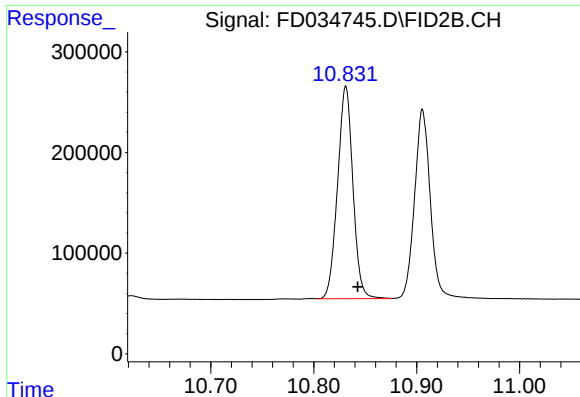
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 2295269
Conc: 19.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.011 min
Response: 2212128
Conc: 19.19 ug/ml



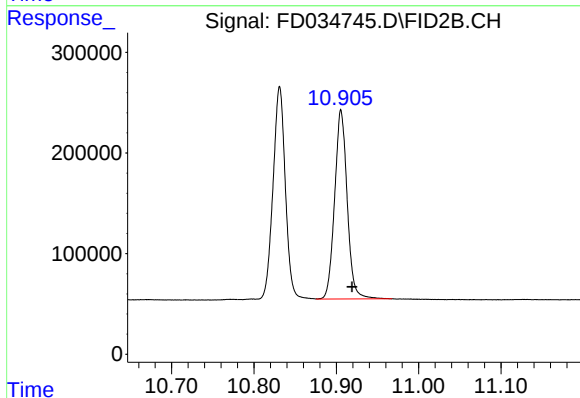
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: -0.012 min
Response: 2189178
Conc: 18.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

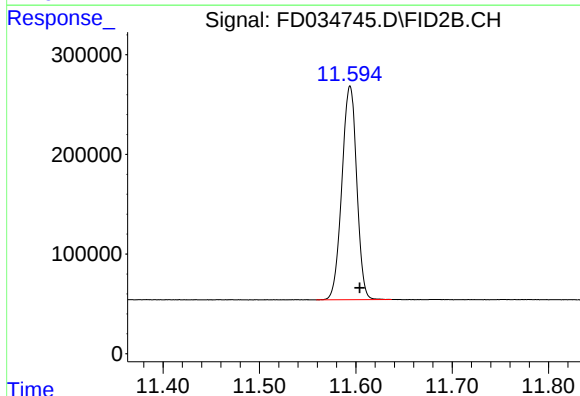
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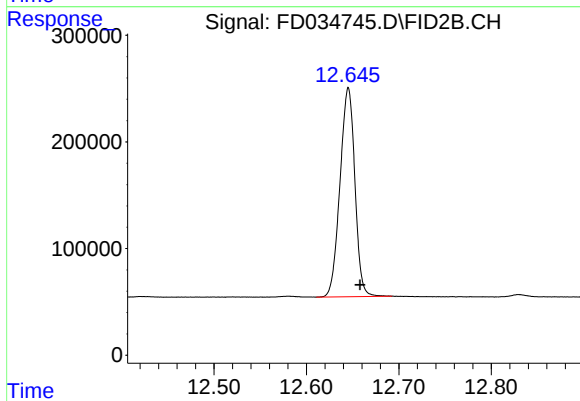
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.013 min
Response: 1989398
Conc: 17.46 ug/ml



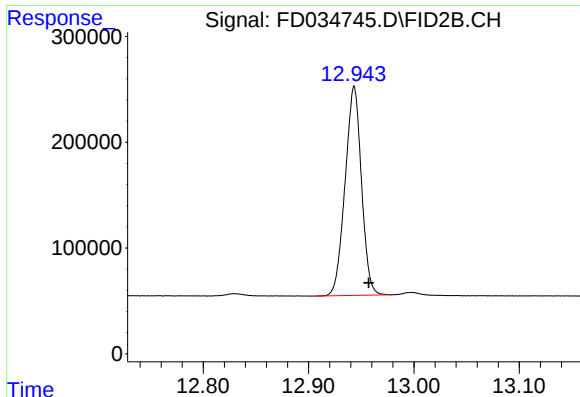
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.010 min
Response: 2285533
Conc: 19.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.645 min
Delta R.T.: -0.013 min
Response: 2191219
Conc: 18.79 ug/ml



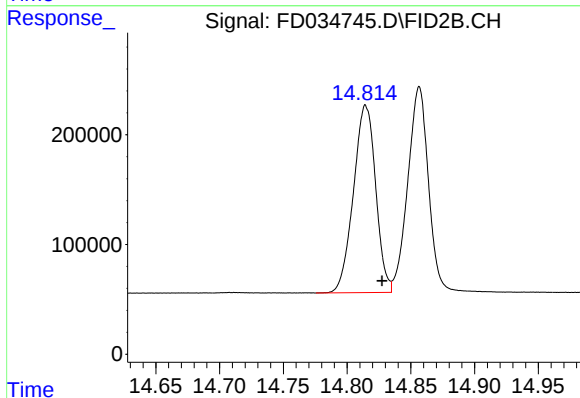
#13 Pyrene (C20.8)

R.T.: 12.943 min
Delta R.T.: -0.014 min
Response: 2133101
Conc: 18.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

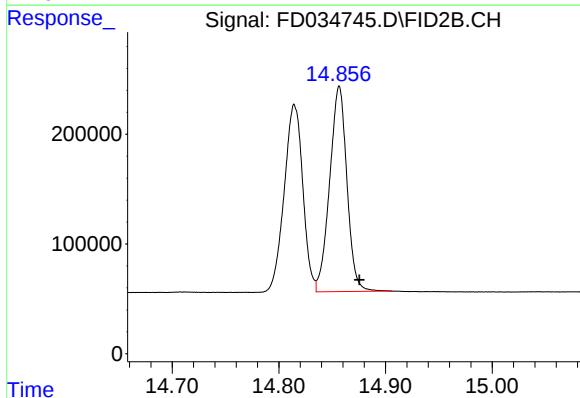
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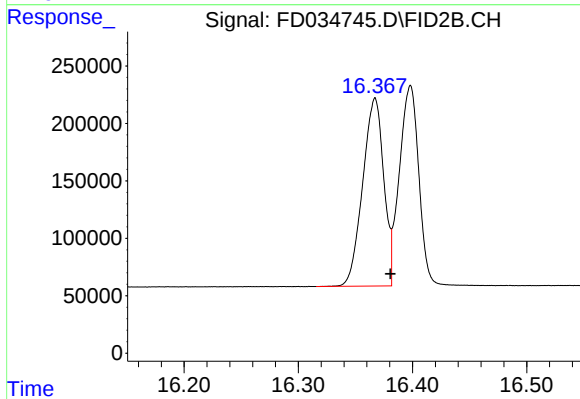
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.815 min
Delta R.T.: -0.013 min
Response: 2070591
Conc: 18.76 ug/ml



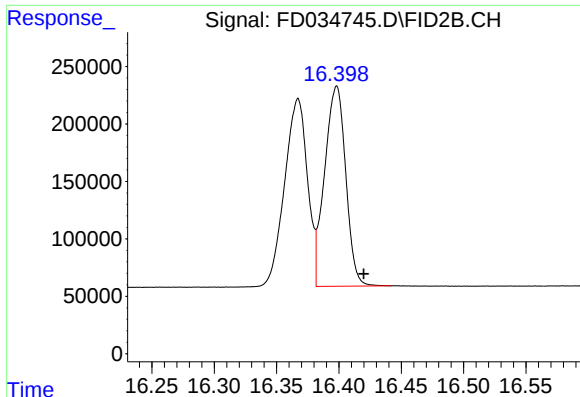
#15 Chrysene (C27.41)

R.T.: 14.857 min
Delta R.T.: -0.019 min
Response: 2106455
Conc: 18.86 ug/ml



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

R.T.: 16.367 min
Delta R.T.: -0.013 min
Response: 2088344
Conc: 19.50 ug/ml



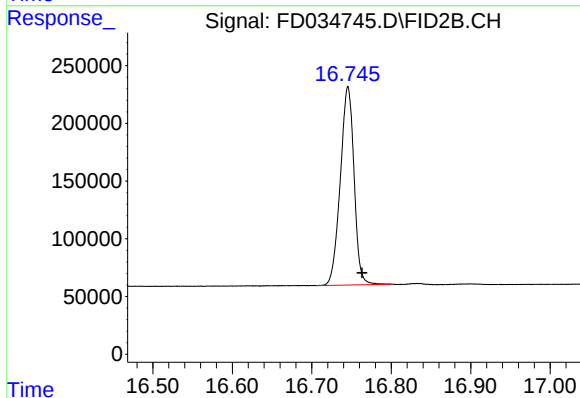
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: -0.022 min
Response: 2055140
Conc: 19.38 ug/ml

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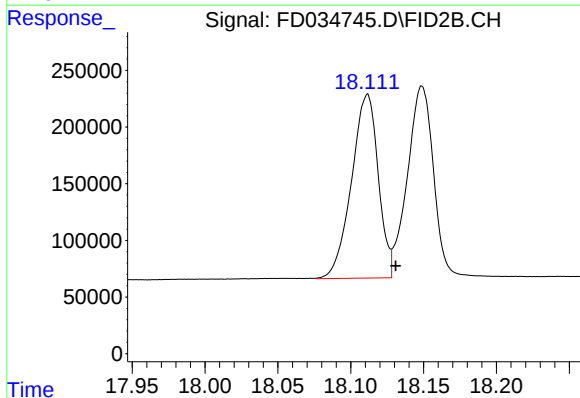
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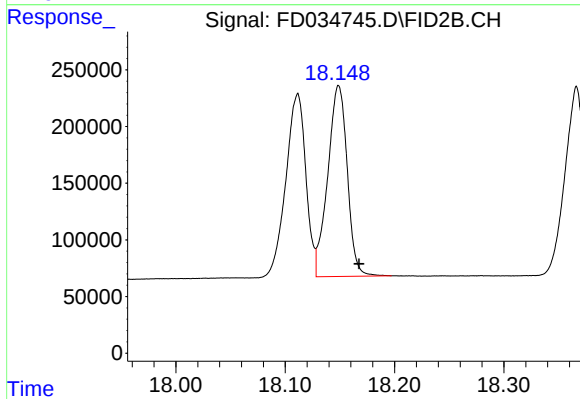
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.746 min
Delta R.T.: -0.018 min
Response: 2067640
Conc: 19.63 ug/ml



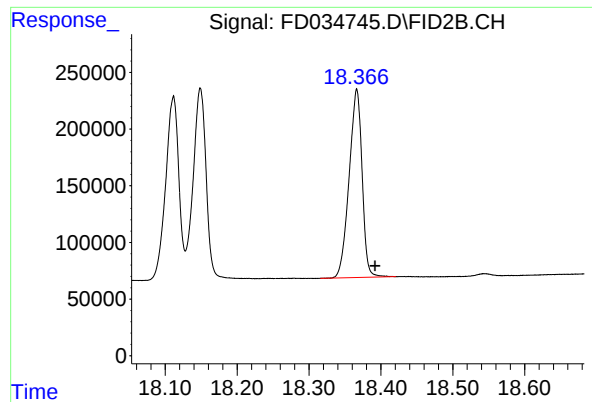
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.019 min
Response: 2072317
Conc: 20.46 ug/ml m



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

R.T.: 18.149 min
Delta R.T.: -0.019 min
Response: 2091850
Conc: 20.59 ug/ml



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

R.T.: 18.367 min
Delta R.T.: -0.025 min
Response: 2076571
Conc: 20.57 ug/ml

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