

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022520AR\
 Data File : FD032434.D
 Signal(s) : FID2B.CH
 Acq On : 26 Feb 2020 00:16
 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

Sohil
 2/26/2020 9:20:47 AM

Integration File: autoint1.e
 Quant Time: Feb 26 00:46:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.626	2729695	19.642 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
6) S 2-Fluorobiphenyl (SURR)	8.487	1817778	19.168 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.34%
11) S ortho-Terphenyl (SURR)	11.524	2705238	18.238 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	3002955	20.736 ug/mlm
2) T Naphthalene (C11.7)	5.967	3093235	20.297 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3012204	19.911 ug/ml
5) T Acenaphthylene (C15.06)	8.290	2767368	18.781 ug/ml
7) T Acenaphthene (C15.5)	8.585	2908739	19.262 ug/ml
8) T Flouorene (C16.55)	9.365	2825387	18.879 ug/ml
9) T Phenanthrene (C19.36)	10.759	2711756	17.930 ug/ml
10) T Anthracene (C19.43)	10.833	2416534	16.291 ug/ml
12) T Fluoranthene (C21.85)	12.569	2626391	17.441 ug/ml
13) T Pyrene (C20.8)	12.865	2564543	17.179 ug/ml
14) T Benzo[a]anthracene (C...	14.735	2389699	16.827 ug/ml
15) T Chrysene (C27.41)	14.778	2456530	17.184 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2418261	17.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	2414883	17.497 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	2389937	17.541 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	2376372	18.372 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	2454967	18.807 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	2377980	18.934 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 52 Sample Multiplier: 1

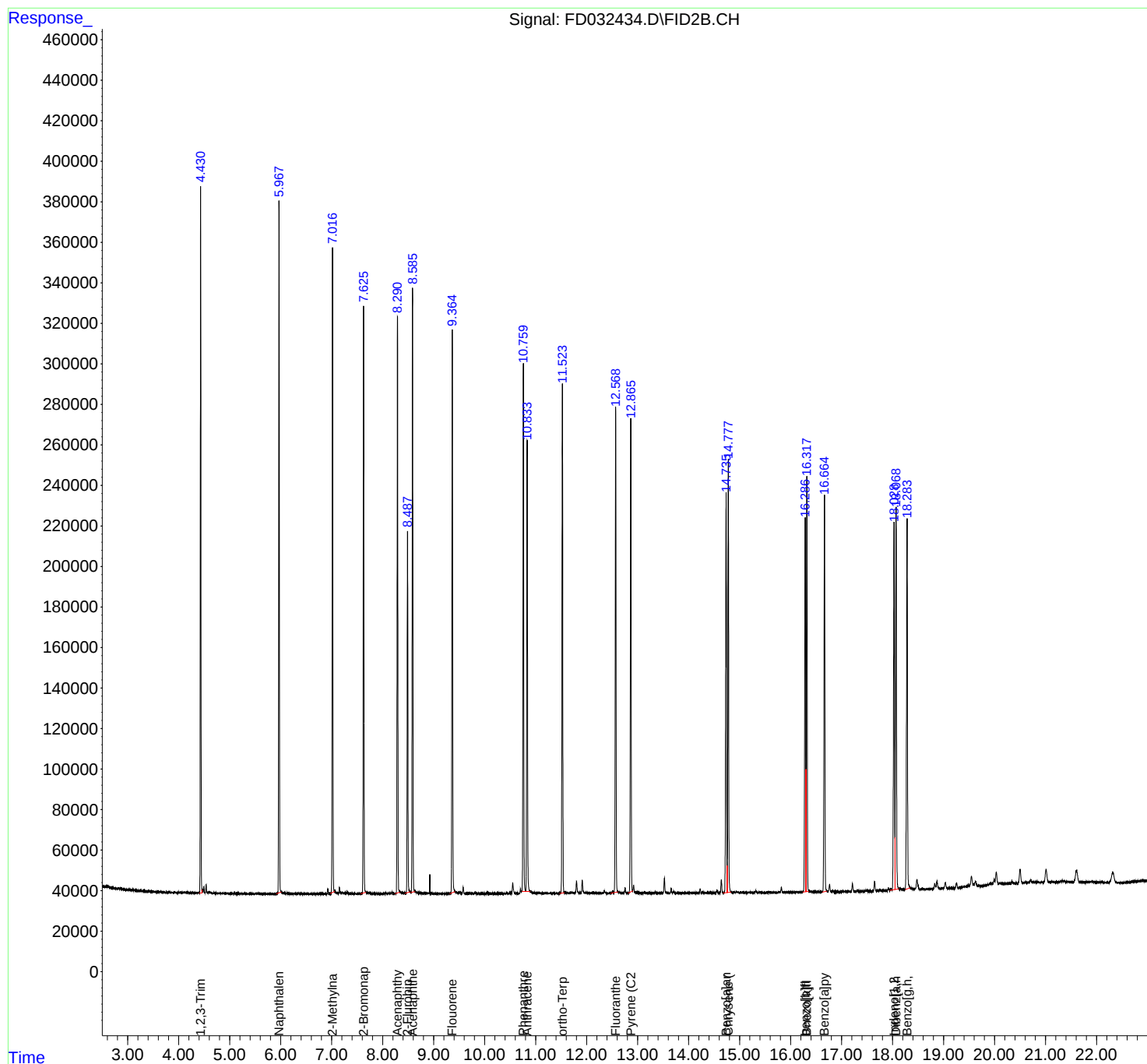
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20 PPM AROMATIC HC STD

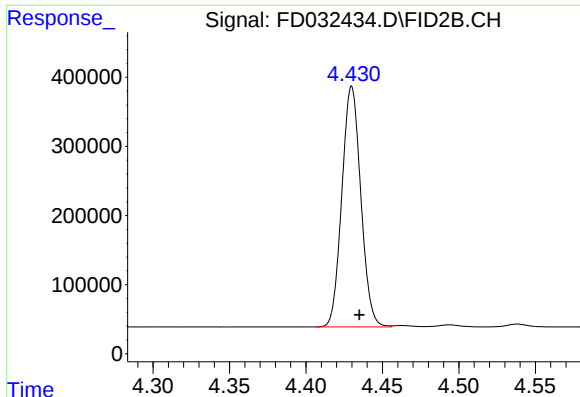
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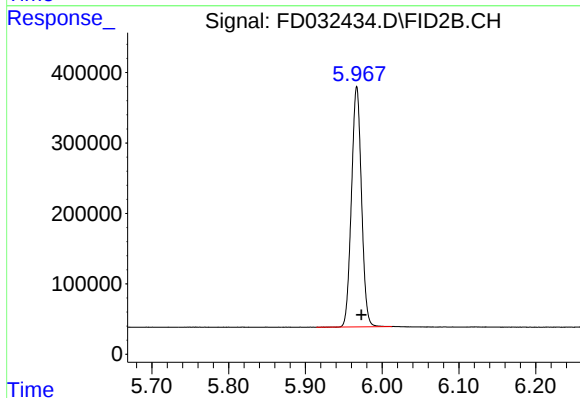
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.005 min
Response: 3002955
Conc: 20.74 ug/ml m

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20 PPM AROMATIC HC STD

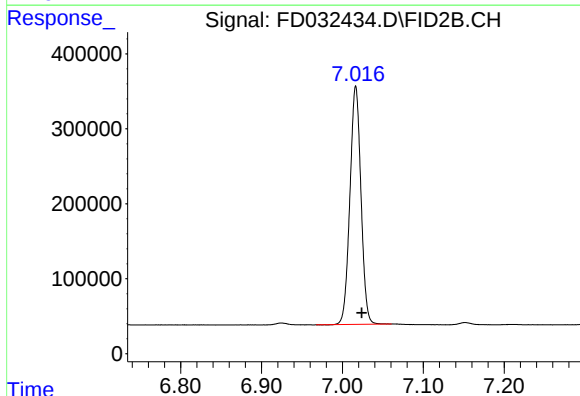
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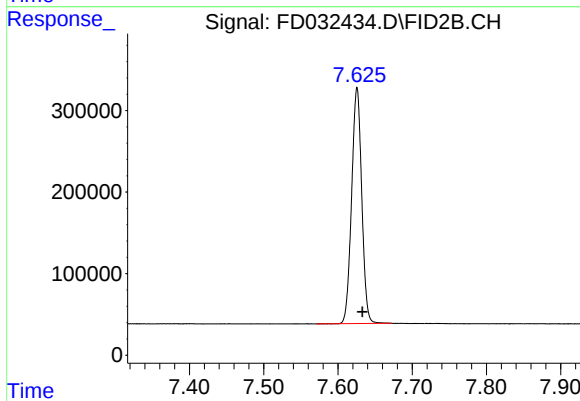
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.006 min
Response: 3093235
Conc: 20.30 ug/ml



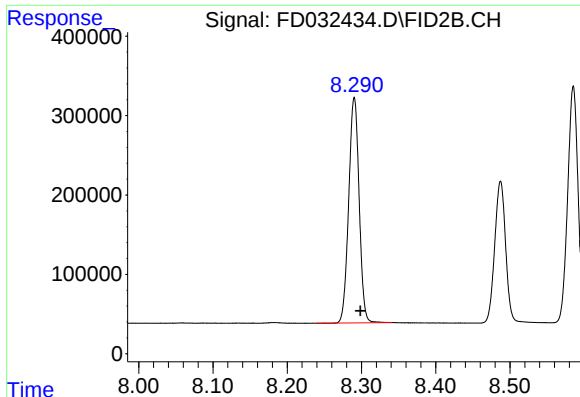
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 3012204
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 2729695
Conc: 19.64 ug/ml



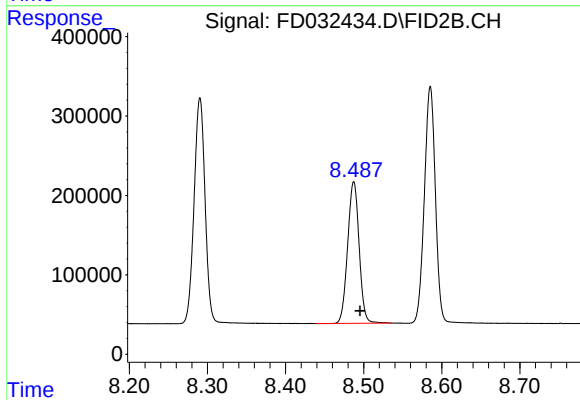
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: -0.008 min
Response: 2767368
Conc: 18.78 ug/ml

Instrument :
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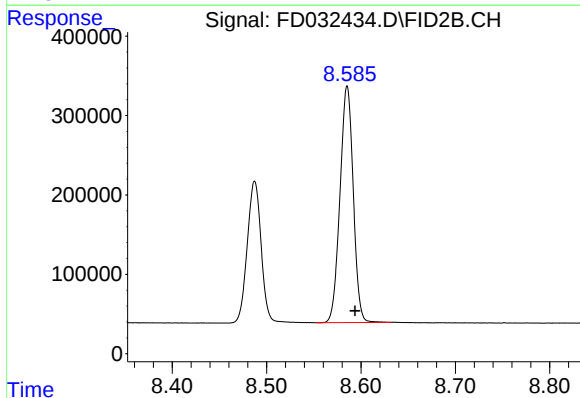
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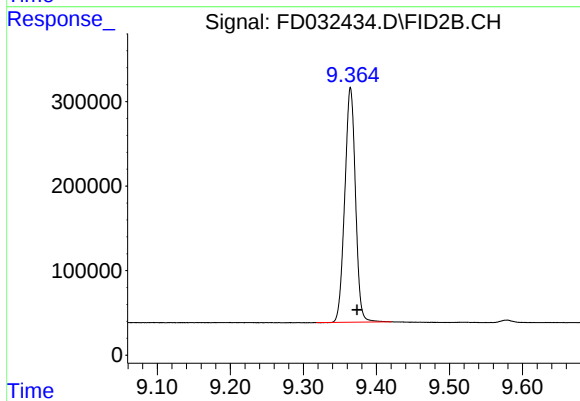
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: -0.008 min
Response: 1817778
Conc: 19.17 ug/ml



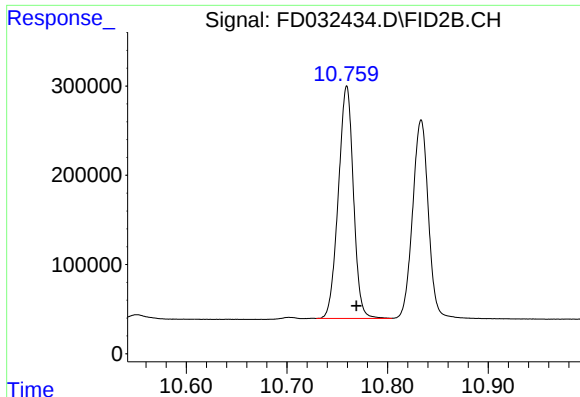
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.008 min
Response: 2908739
Conc: 19.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.009 min
Response: 2825387
Conc: 18.88 ug/ml



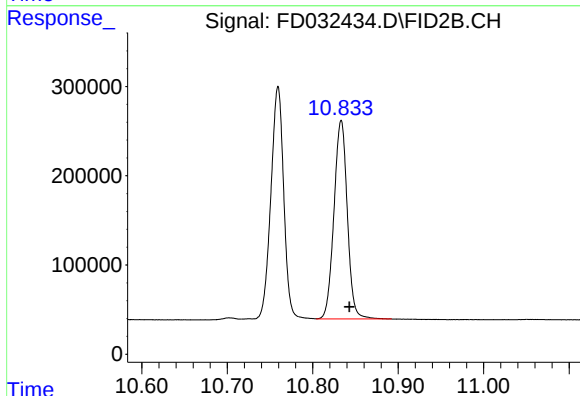
#9 Phenanthrene (C19.36)

R.T.: 10.759 min
Delta R.T.: -0.010 min
Response: 2711756
Conc: 17.93 ug/ml

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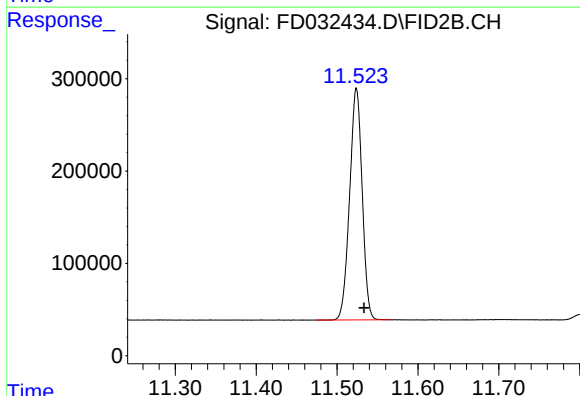
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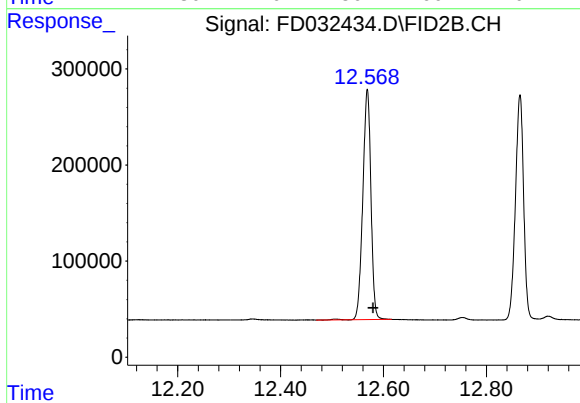
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: -0.010 min
Response: 2416534
Conc: 16.29 ug/ml



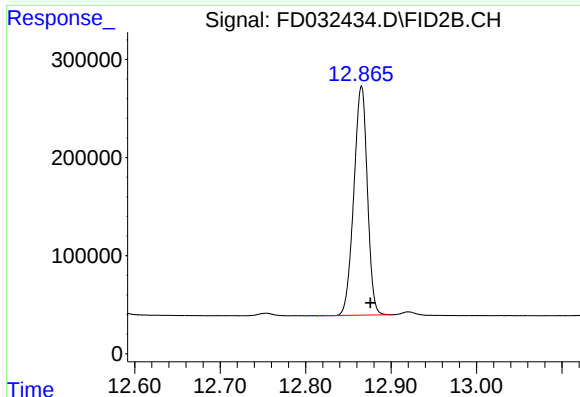
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 2705238
Conc: 18.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: -0.011 min
Response: 2626391
Conc: 17.44 ug/ml



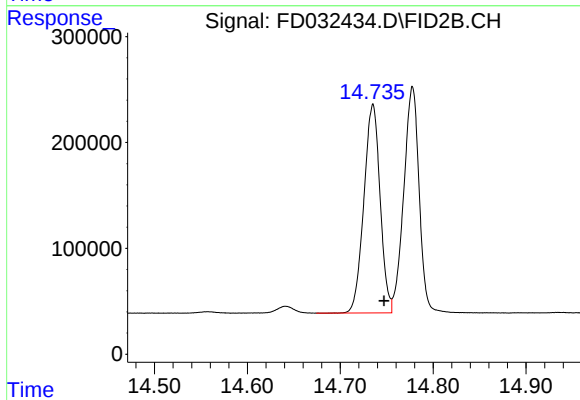
#13 Pyrene (C20.8)

R.T.: 12.865 min
Delta R.T.: -0.011 min
Response: 2564543
Conc: 17.18 ug/ml

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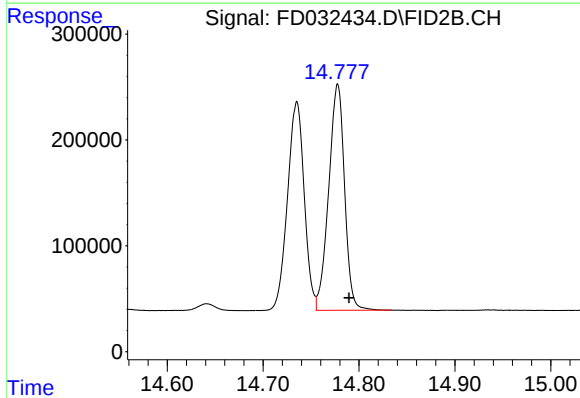
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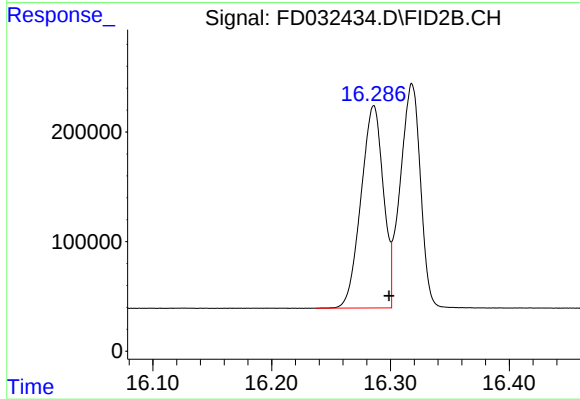
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.012 min
Response: 2389699
Conc: 16.83 ug/ml



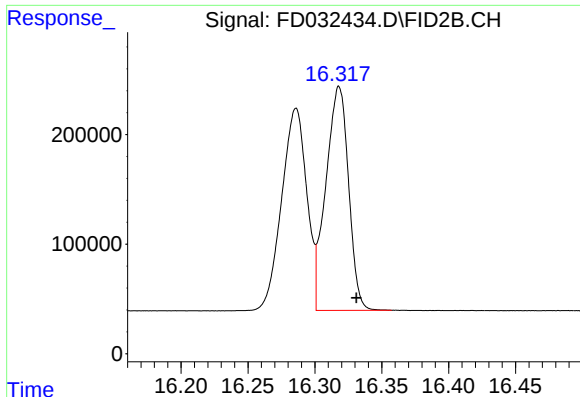
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.012 min
Response: 2456530
Conc: 17.18 ug/ml



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

R.T.: 16.286 min
Delta R.T.: -0.013 min
Response: 2418261
Conc: 17.45 ug/ml



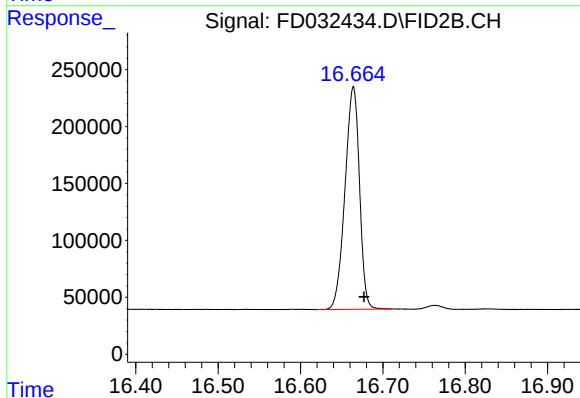
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.013 min
Response: 2414883
Conc: 17.50 ug/ml

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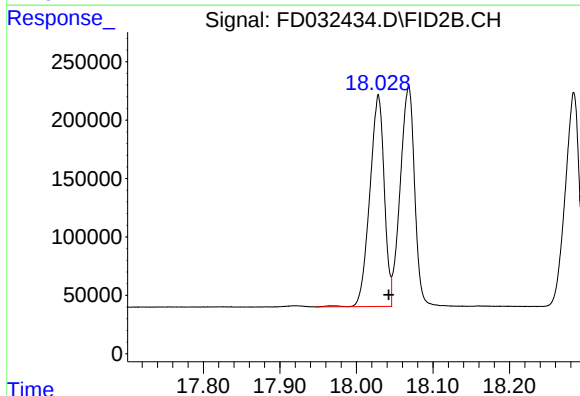
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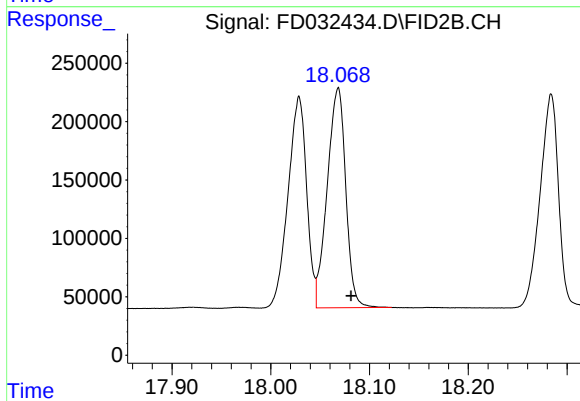
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.664 min
Delta R.T.: -0.013 min
Response: 2389937
Conc: 17.54 ug/ml



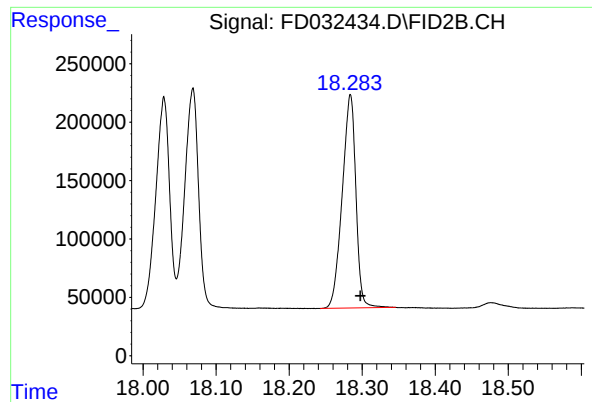
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: -0.014 min
Response: 2376372
Conc: 18.37 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.013 min
Response: 2454967
Conc: 18.81 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.013 min
Response: 2377980
Conc: 18.93 ug/ml

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