

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090420AR\
 Data File : FD034650.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2020 14:41
 Operator : DD\AJ
 Sample : PB131428BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB131428BS

Manual Integrations
 APPROVED

Ankita
 9/9/2020 8:15:17 AM

Integration File: autoint1.e
 Quant Time: Sep 05 04:39:13 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	4077231	39.752 ug/ml
Spiked Amount 50.000		Recovery =	79.50%
6) S 2-Fluorobiphenyl (SURR)	8.553	2872154	39.918 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.84%
11) S ortho-Terphenyl (SURR)	11.595	3886229	32.439 ug/ml
Spiked Amount 50.000		Recovery =	64.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	3268244	28.867 ug/ml
2) T Naphthalene (C11.7)	6.024	3810445	32.645 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	4035383	34.167 ug/ml
5) T Acenaphthylene (C15.06)	8.356	4022546	34.419 ug/ml
7) T Acenaphthene (C15.5)	8.652	4246521	35.691 ug/ml
8) T Flouorene (C16.55)	9.433	4251516	36.874 ug/ml
9) T Phenanthrene (C19.36)	10.832	4363930	37.427 ug/ml
10) T Anthracene (C19.43)	10.907	4332528	38.031 ug/ml
12) T Fluoranthene (C21.85)	12.646	4288788	36.778 ug/ml
13) T Pyrene (C20.8)	12.944	4205223	37.055 ug/ml
14) T Benzo[a]anthracene (C...	14.814	3980104	36.064 ug/ml
15) T Chrysene (C27.41)	14.858	4472651	40.043 ug/ml
16) T benzo[b]fluoranthene ...	16.365	3977249	37.132 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	3848475	36.295 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	3509398	33.325 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	3702509	36.548 ug/mlm
20) T Dibenz[a,h]anthracene...	18.148	3702993	36.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	3624835	35.899 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB131428BS
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ALS Vial : 54 Sample Multiplier: 1

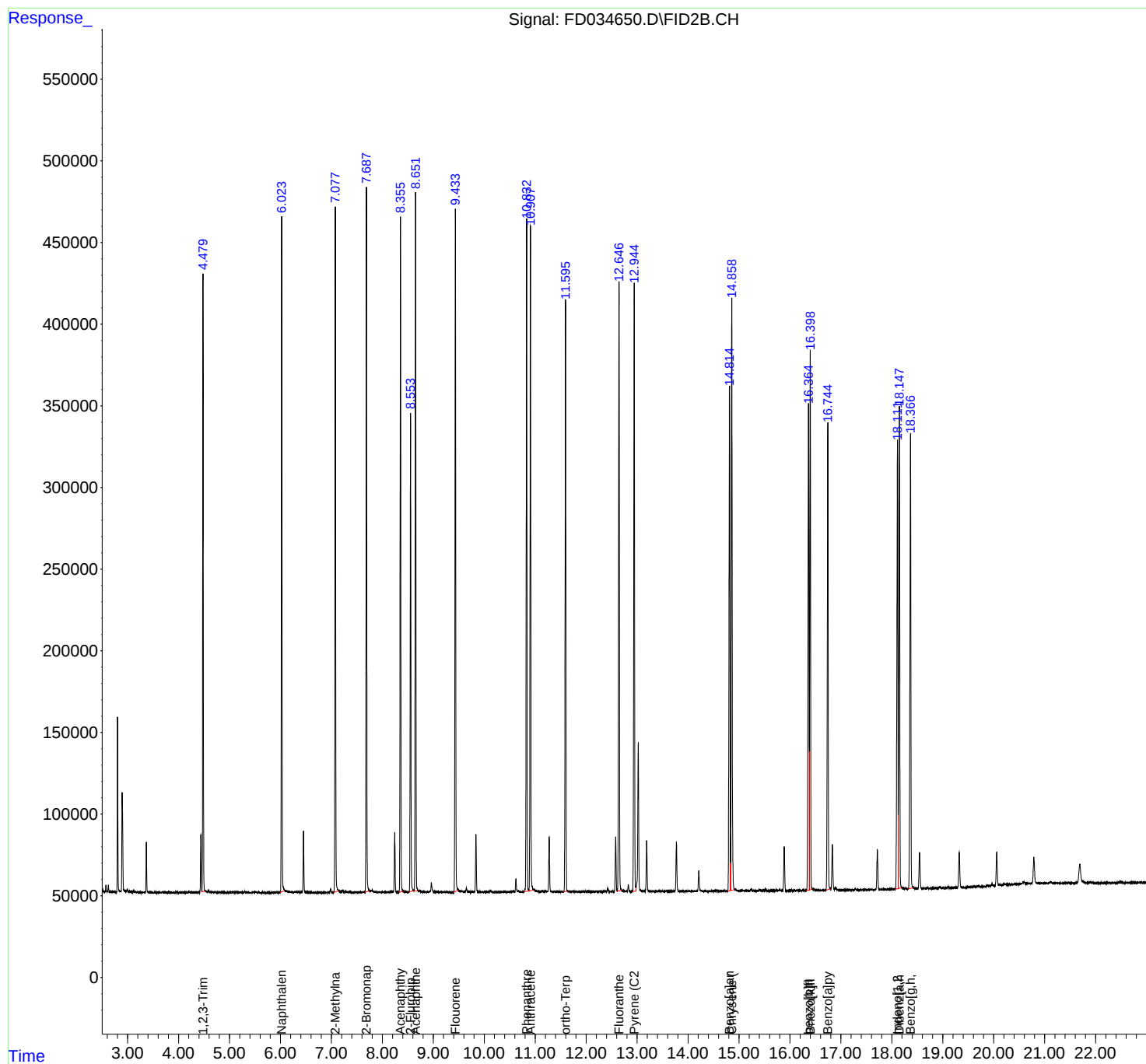
Instrument :
FID_D
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PB131428BS

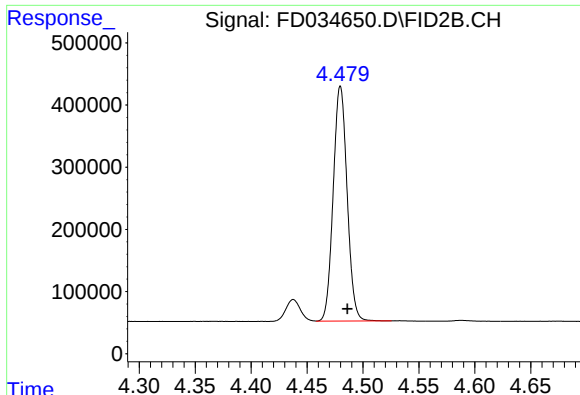
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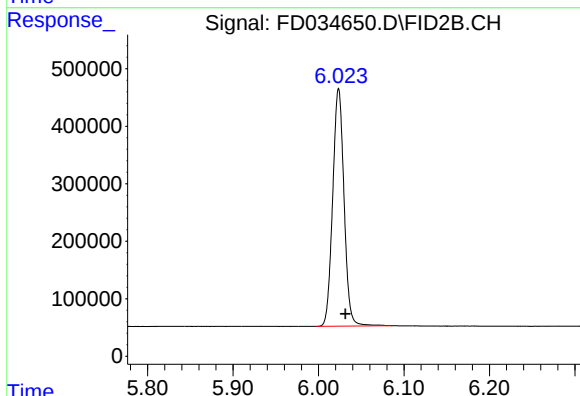
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.480 min
Delta R.T.: -0.006 min
Response: 3268244
Conc: 28.87 ug/ml

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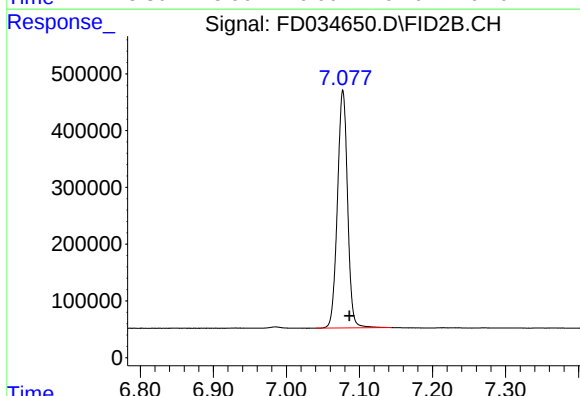
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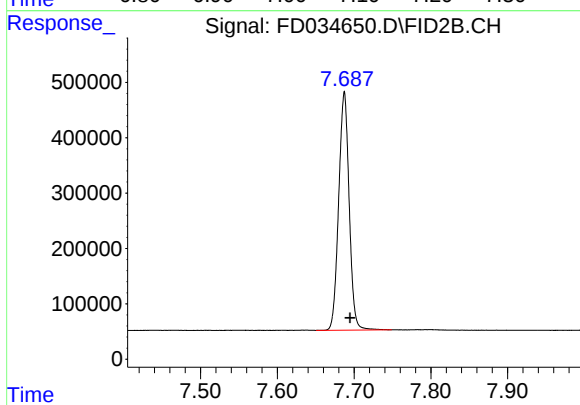
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 3810445
Conc: 32.65 ug/ml



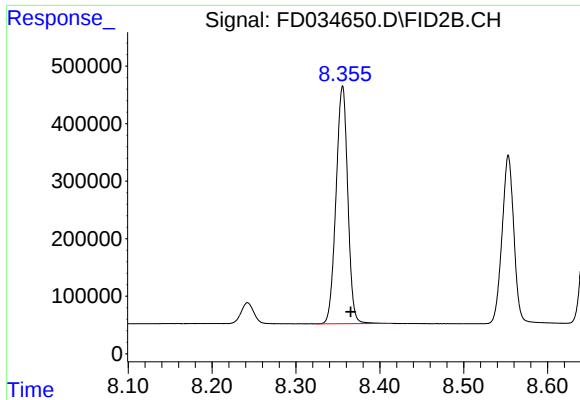
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.009 min
Response: 4035383
Conc: 34.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.008 min
Response: 4077231
Conc: 39.75 ug/ml



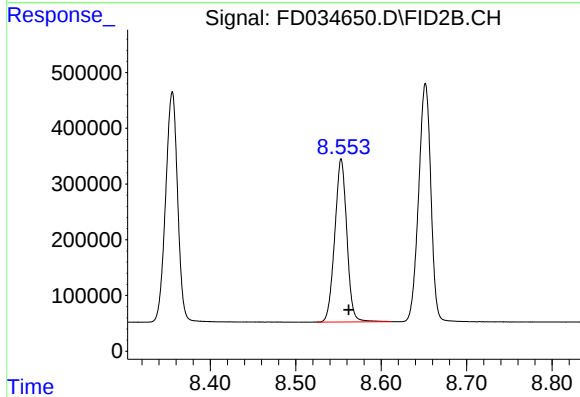
#5 Acenaphthylene (C15.06)

R.T.: 8.356 min
Delta R.T.: -0.010 min
Response: 4022546
Conc: 34.42 ug/ml

Instrument :
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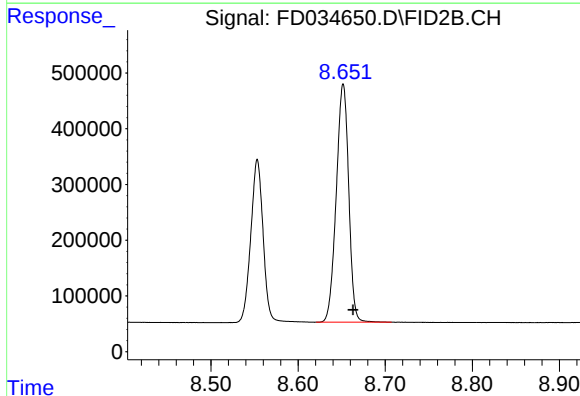
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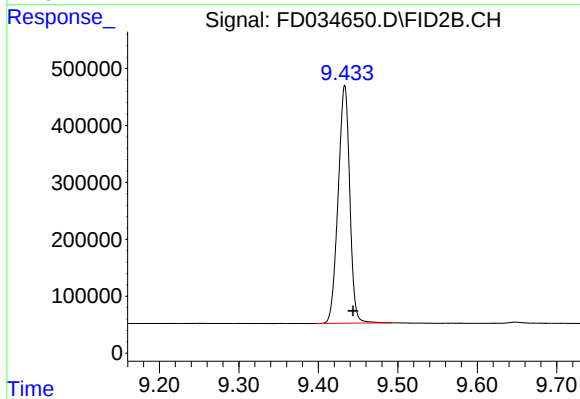
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 2872154
Conc: 39.92 ug/ml



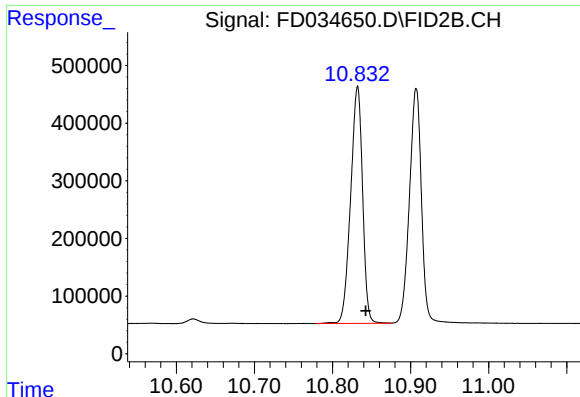
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 4246521
Conc: 35.69 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.010 min
Response: 4251516
Conc: 36.87 ug/ml



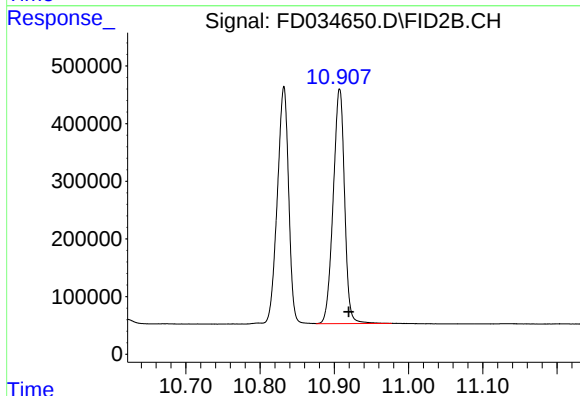
#9 Phenanthrene (C19.36)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 4363930
Conc: 37.43 ug/ml

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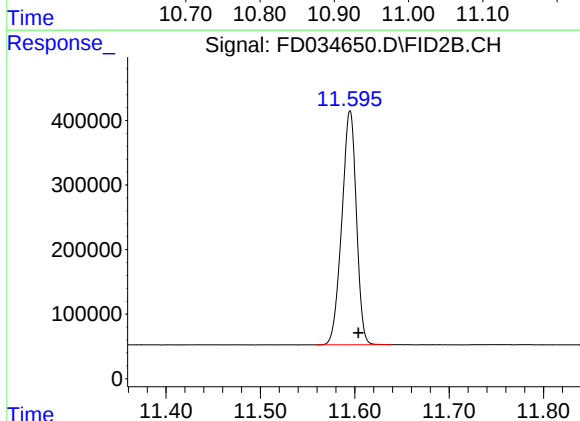
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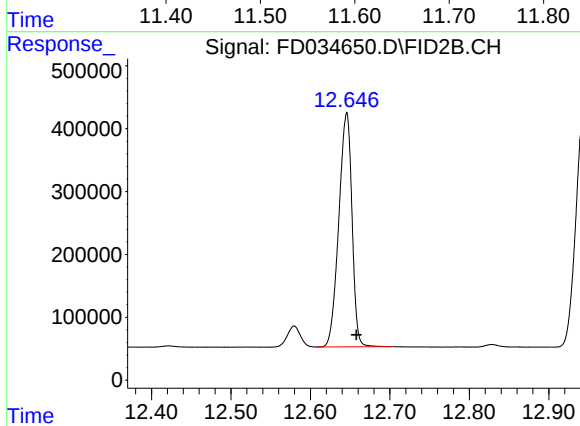
#10 Anthracene (C19.43)

R.T.: 10.907 min
Delta R.T.: -0.012 min
Response: 4332528
Conc: 38.03 ug/ml



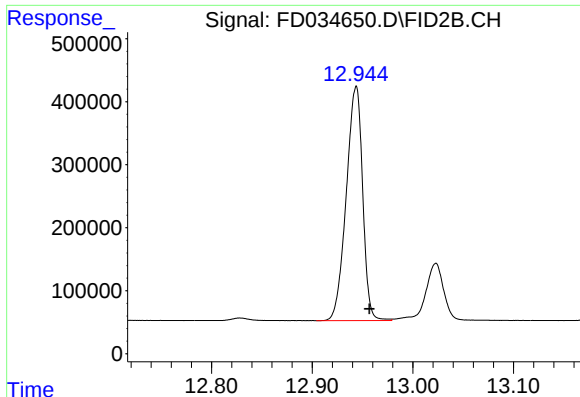
#11 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: -0.009 min
Response: 3886229
Conc: 32.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.646 min
Delta R.T.: -0.012 min
Response: 4288788
Conc: 36.78 ug/ml



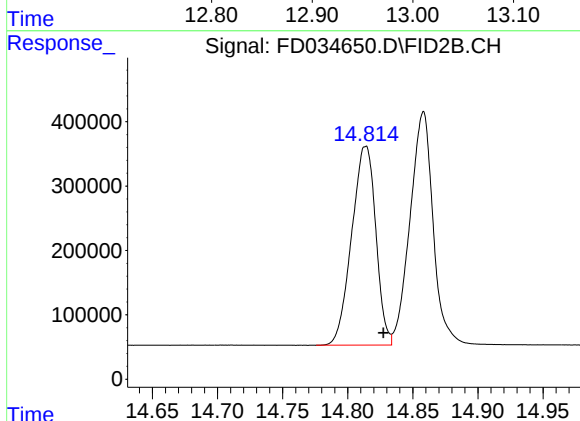
#13 Pyrene (C20.8)

R.T.: 12.944 min
Delta R.T.: -0.013 min
Response: 4205223
Conc: 37.05 ug/ml

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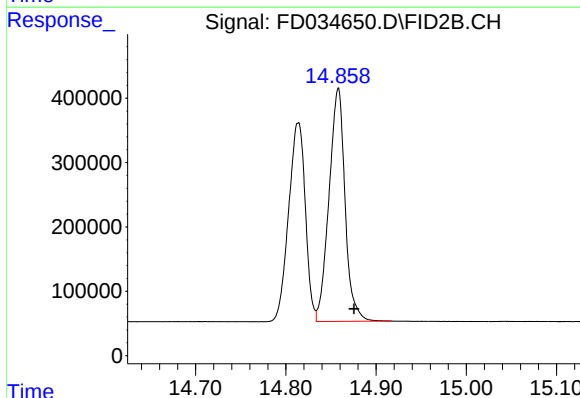
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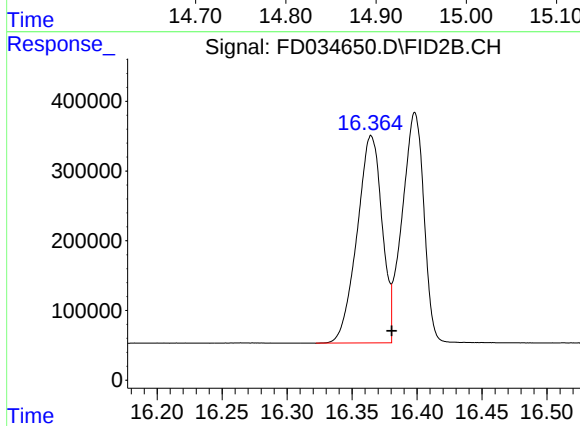
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.814 min
Delta R.T.: -0.014 min
Response: 3980104
Conc: 36.06 ug/ml



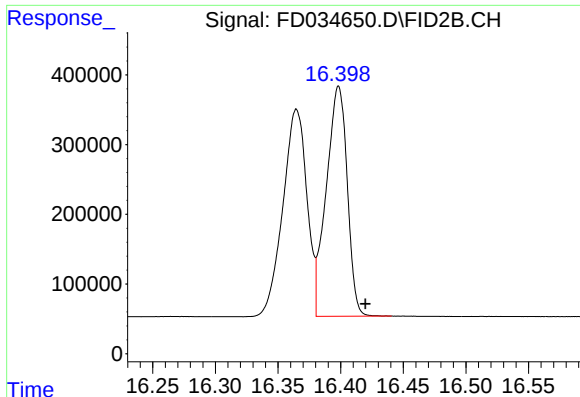
#15 Chrysene (C27.41)

R.T.: 14.858 min
Delta R.T.: -0.017 min
Response: 4472651
Conc: 40.04 ug/ml



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

R.T.: 16.365 min
Delta R.T.: -0.016 min
Response: 3977249
Conc: 37.13 ug/ml



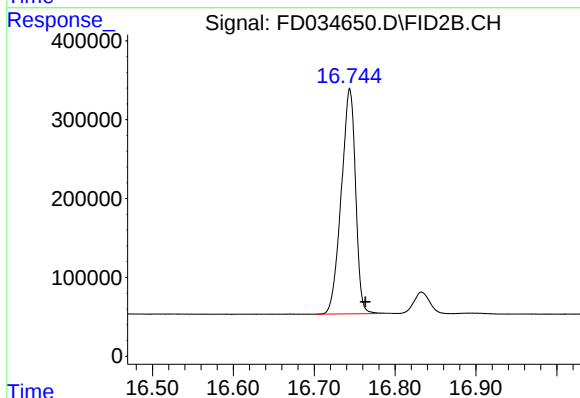
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: -0.022 min
Response: 3848475
Conc: 36.29 ug/ml

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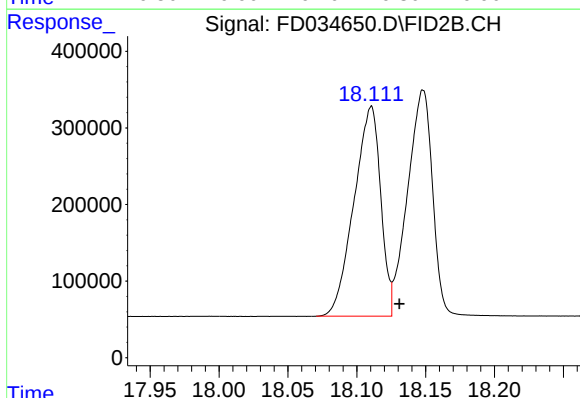
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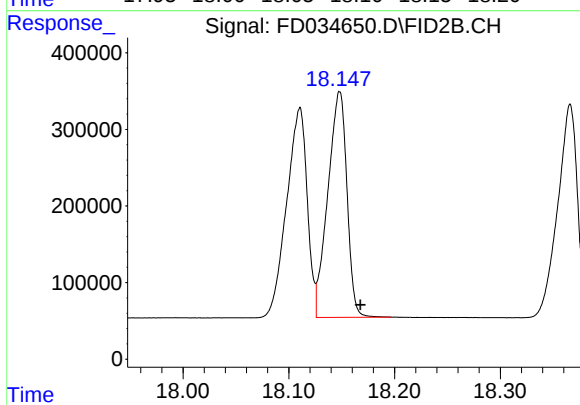
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.019 min
Response: 3509398
Conc: 33.33 ug/ml



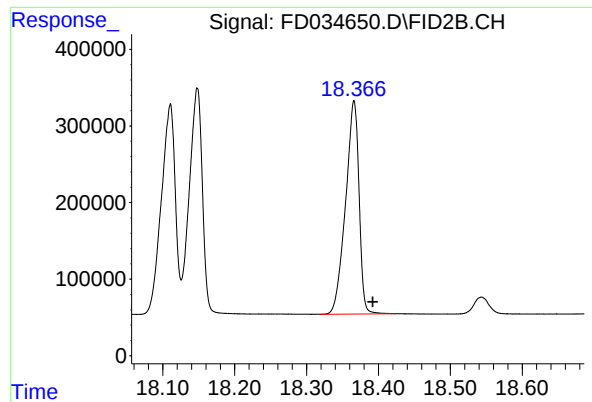
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.020 min
Response: 3702509
Conc: 36.55 ug/ml m



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

R.T.: 18.148 min
Delta R.T.: -0.020 min
Response: 3702993
Conc: 36.45 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.026 min
Response: 3624835
Conc: 35.90 ug/ml

Instrument :
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