

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092220AR\
 Data File : FD034823.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2020 2:14
 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
 9/23/2020 11:29:38 AM

Integration File: autoint1.e
 Quant Time: Sep 23 03:35:24 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...	7.682	2152233	20.984 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
6) S 2-Fluorobiphenyl (SURR)	8.548	1486342	20.658 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.32%
11) S ortho-Terphenyl (SURR)	11.589	2452609	20.473 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	2442696	21.576 ug/ml
2) T Naphthalene (C11.7)	6.019	2466218	21.129 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	2480330	21.001 ug/ml
5) T Acenaphthylene (C15.06)	8.351	2389158	20.443 ug/ml
7) T Acenaphthene (C15.5)	8.646	2453920	20.625 ug/ml
8) T Fluorene (C16.55)	9.428	2364406	20.507 ug/ml
9) T Phenanthrene (C19.36)	10.826	2389112	20.490 ug/ml
10) T Anthracene (C19.43)	10.900	2050127	17.996 ug/ml
12) T Fluoranthene (C21.85)	12.639	2354650	20.192 ug/ml
13) T Pyrene (C20.8)	12.937	2288540	20.166 ug/ml
14) T Benzo[a]anthracene (C...	14.809	2210830	20.032 ug/ml
15) T Chrysene (C27.41)	14.851	2276450	20.381 ug/ml
16) T benzo[b]fluoranthene ...	16.360	2249942	21.006 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.392	2220849	20.945 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	2216021	21.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.105	2224276	21.956 ug/mlm
20) T Dibenz[a,h]anthracene...	18.144	2274107	22.382 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	2235662	22.141 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

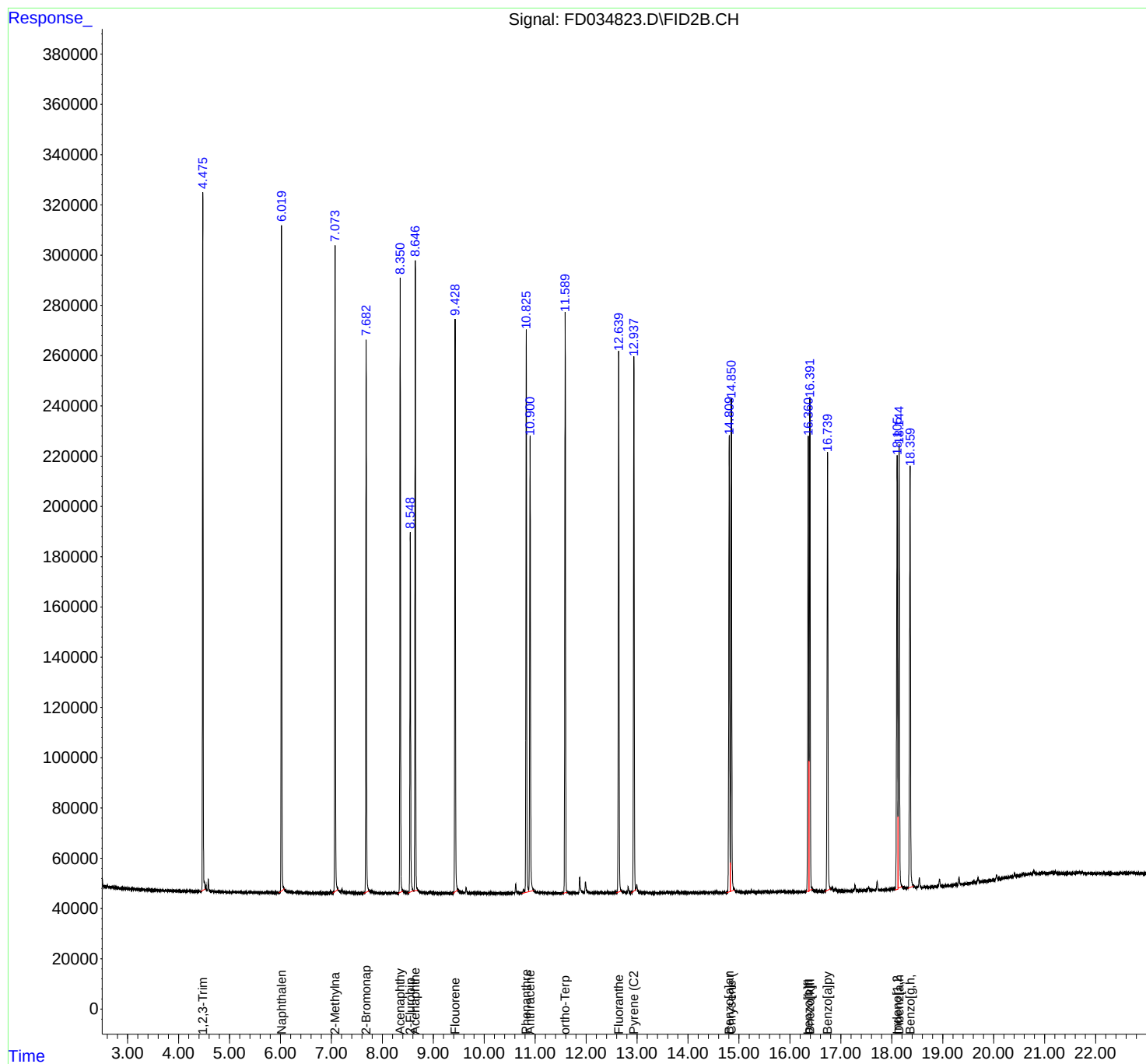
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

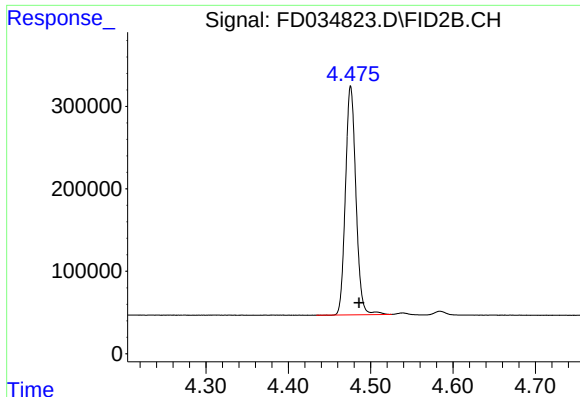
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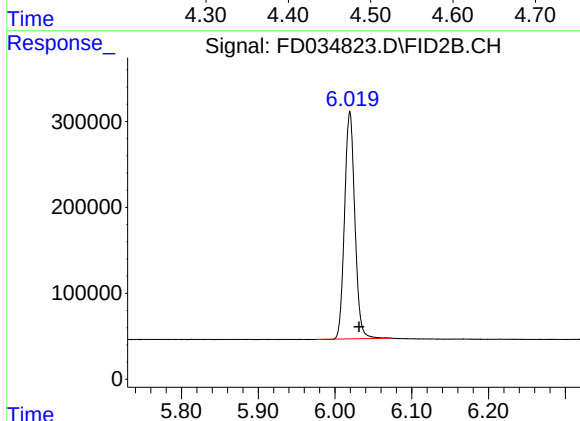
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.476 min
Delta R.T.: -0.010 min
Response: 2442696
Conc: 21.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

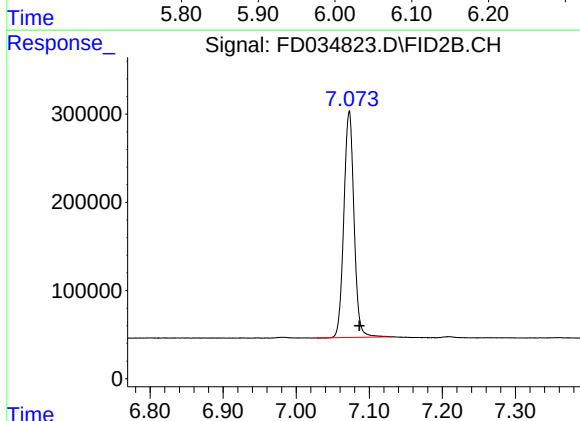
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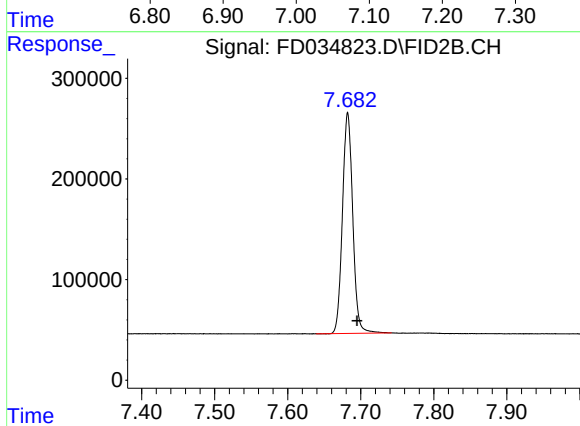
#2 Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.012 min
Response: 2466218
Conc: 21.13 ug/ml



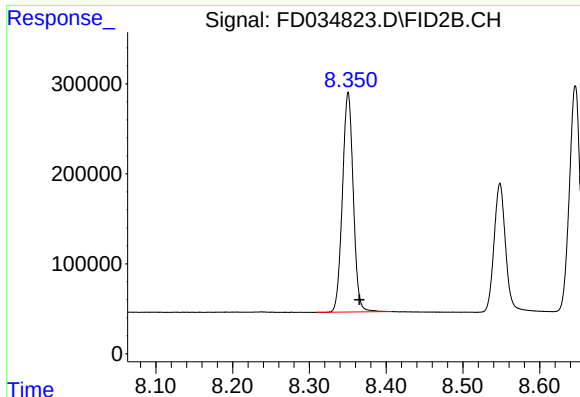
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.014 min
Response: 2480330
Conc: 21.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.682 min
Delta R.T.: -0.013 min
Response: 2152233
Conc: 20.98 ug/ml



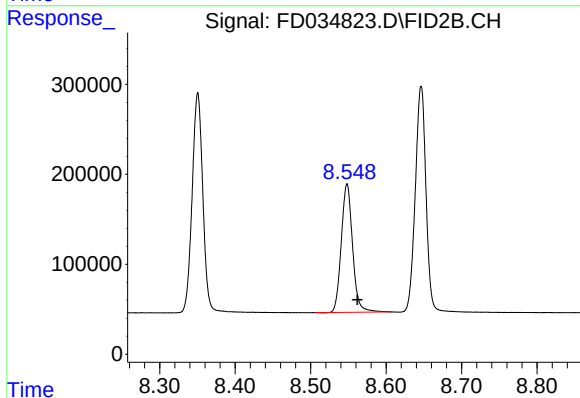
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.015 min
Response: 2389158
Conc: 20.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

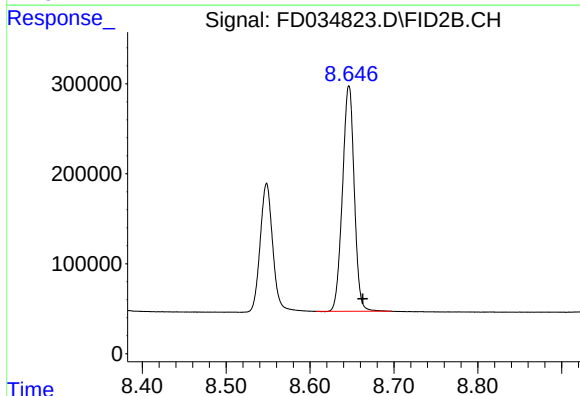
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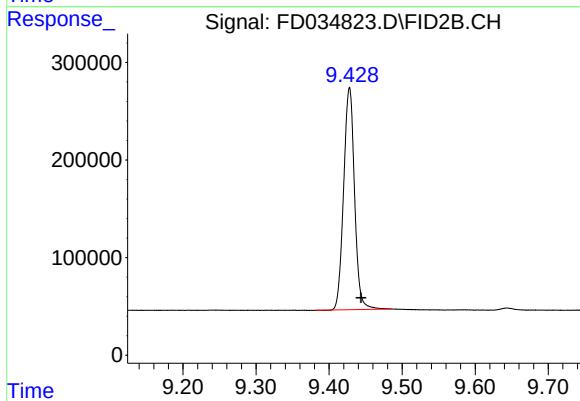
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.014 min
Response: 1486342
Conc: 20.66 ug/ml



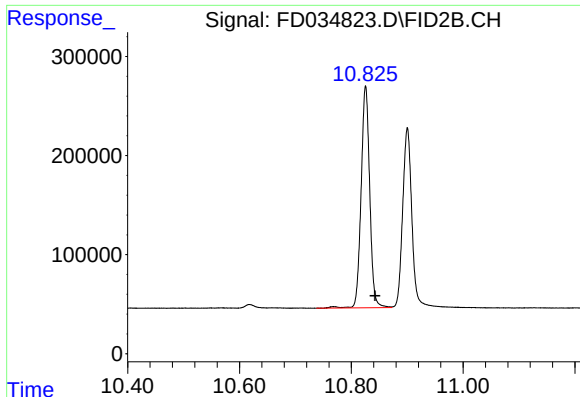
#7 Acenaphthene (C15.5)

R.T.: 8.646 min
Delta R.T.: -0.017 min
Response: 2453920
Conc: 20.62 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.428 min
Delta R.T.: -0.015 min
Response: 2364406
Conc: 20.51 ug/ml



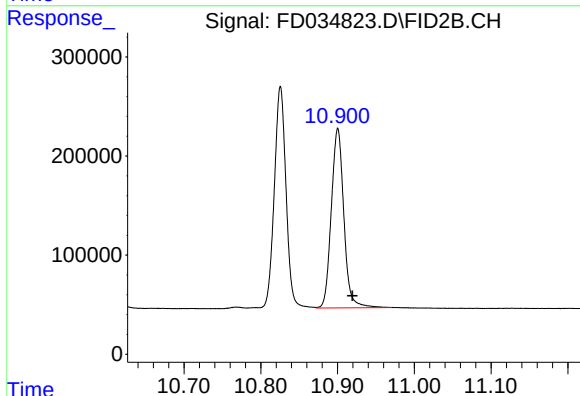
#9 Phenanthrene (C19.36)

R.T.: 10.826 min
Delta R.T.: -0.017 min
Response: 2389112
Conc: 20.49 ug/ml

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20 PPM AROMATIC HC STD

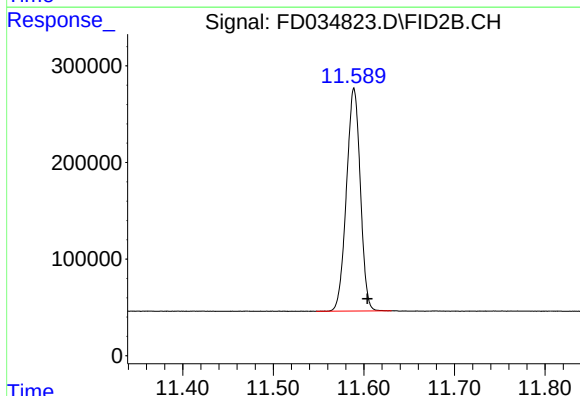
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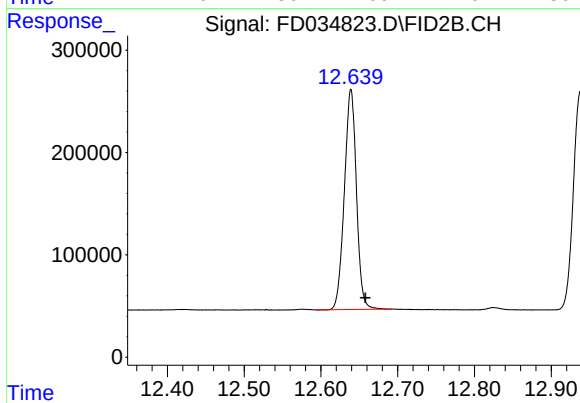
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.019 min
Response: 2050127
Conc: 18.00 ug/ml



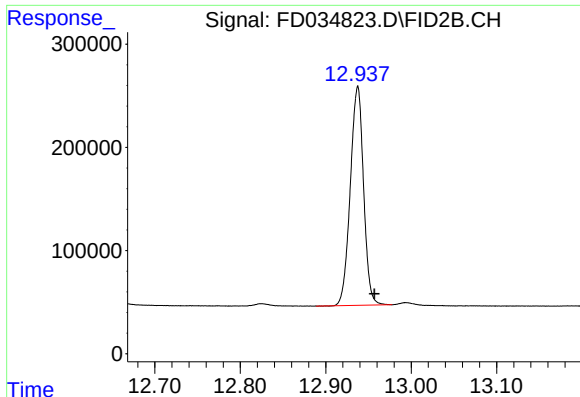
#11 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.015 min
Response: 2452609
Conc: 20.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.639 min
Delta R.T.: -0.019 min
Response: 2354650
Conc: 20.19 ug/ml



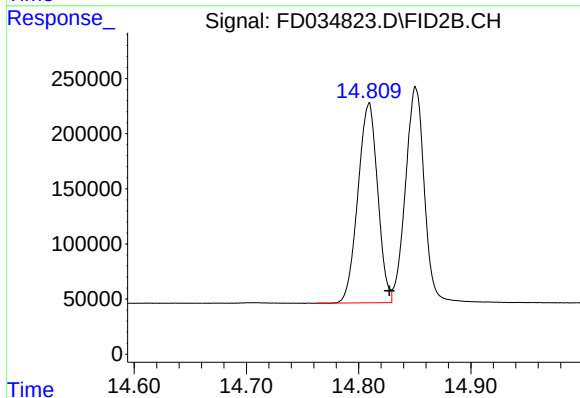
#13 Pyrene (C20.8)

R.T.: 12.937 min
Delta R.T.: -0.019 min
Response: 2288540
Conc: 20.17 ug/ml

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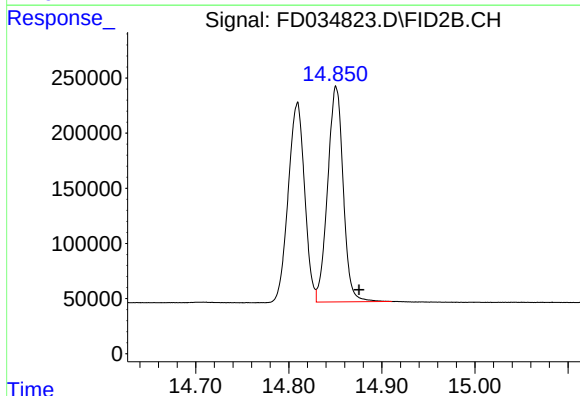
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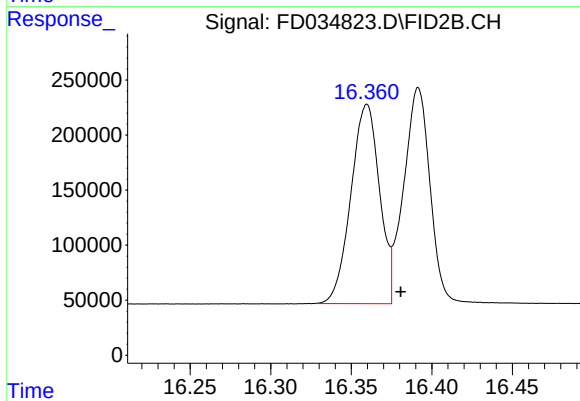
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.809 min
Delta R.T.: -0.018 min
Response: 2210830
Conc: 20.03 ug/ml



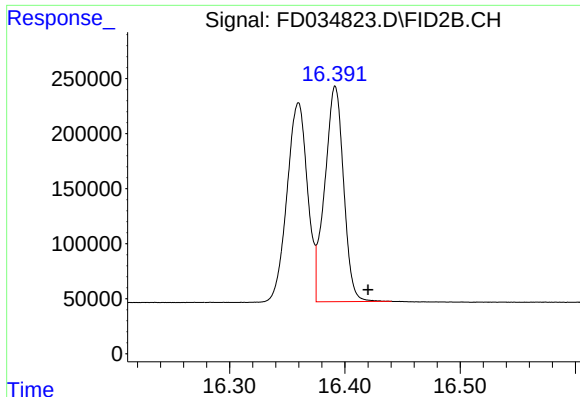
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: -0.025 min
Response: 2276450
Conc: 20.38 ug/ml



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

R.T.: 16.360 min
Delta R.T.: -0.021 min
Response: 2249942
Conc: 21.01 ug/ml m



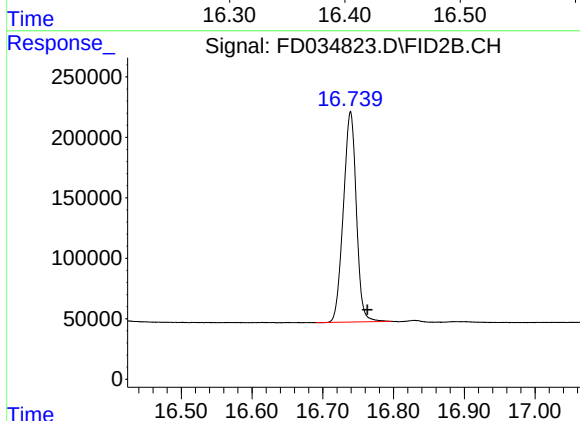
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.392 min
Delta R.T.: -0.028 min
Response: 2220849
Conc: 20.94 ug/ml

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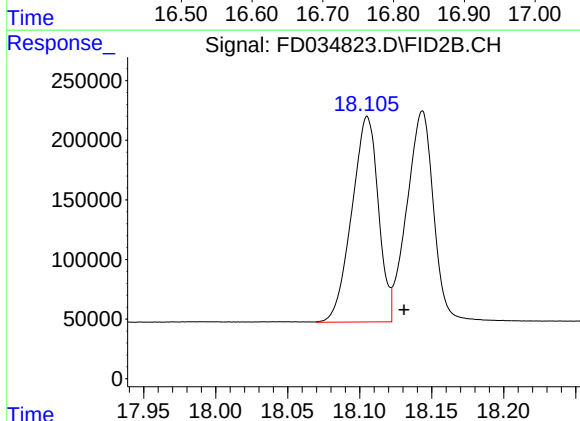
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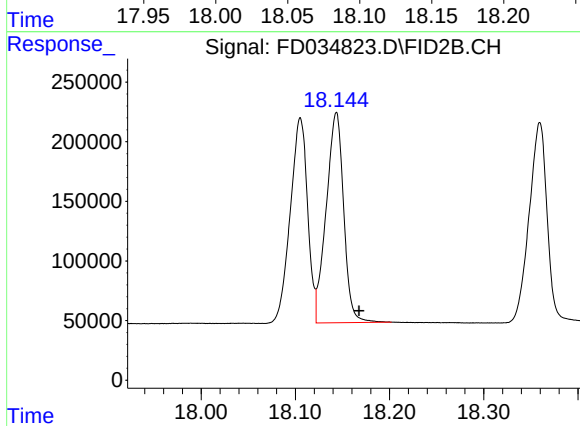
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 2216021
Conc: 21.04 ug/ml



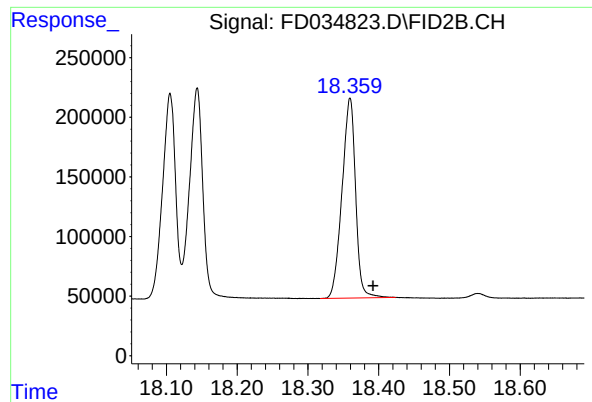
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.105 min
Delta R.T.: -0.026 min
Response: 2224276
Conc: 21.96 ug/ml m



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

R.T.: 18.144 min
Delta R.T.: -0.024 min
Response: 2274107
Conc: 22.38 ug/ml



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

R.T.: 18.360 min
Delta R.T.: -0.032 min
Response: 2235662
Conc: 22.14 ug/ml

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