

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092220AR\
 Data File : FD034835.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2020 9:38
 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 11:29:41 AM

Integration File: autoint1.e
 Quant Time: Sep 23 10:09:02 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	2178134	21.236 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
6) S 2-Fluorobiphenyl (SURR)	8.548	1507129	20.947 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.89%
11) S ortho-Terphenyl (SURR)	11.588	2485697	20.749 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	2486433	21.962 ug/ml
2) T Naphthalene (C11.7)	6.019	2510561	21.509 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	2522290	21.356 ug/ml
5) T Acenaphthylene (C15.06)	8.350	2418061	20.690 ug/ml
7) T Acenaphthene (C15.5)	8.645	2491974	20.945 ug/ml
8) T Flouorene (C16.55)	9.427	2395680	20.778 ug/ml
9) T Phenanthrene (C19.36)	10.825	2420524	20.760 ug/ml
10) T Anthracene (C19.43)	10.899	2068300	18.156 ug/ml
12) T Fluoranthene (C21.85)	12.638	2388031	20.478 ug/ml
13) T Pyrene (C20.8)	12.936	2317044	20.417 ug/ml
14) T Benzo[a]anthracene (C...	14.807	2238636	20.284 ug/ml
15) T Chrysene (C27.41)	14.850	2310983	20.690 ug/ml
16) T benzo[b]fluoranthene ...	16.359	2253805	21.042 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.391	2253230	21.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.737	2251506	21.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	2206683	21.783 ug/mlm
20) T Dibenz[a,h]anthracene...	18.141	2295747	22.595 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2269878	22.480 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

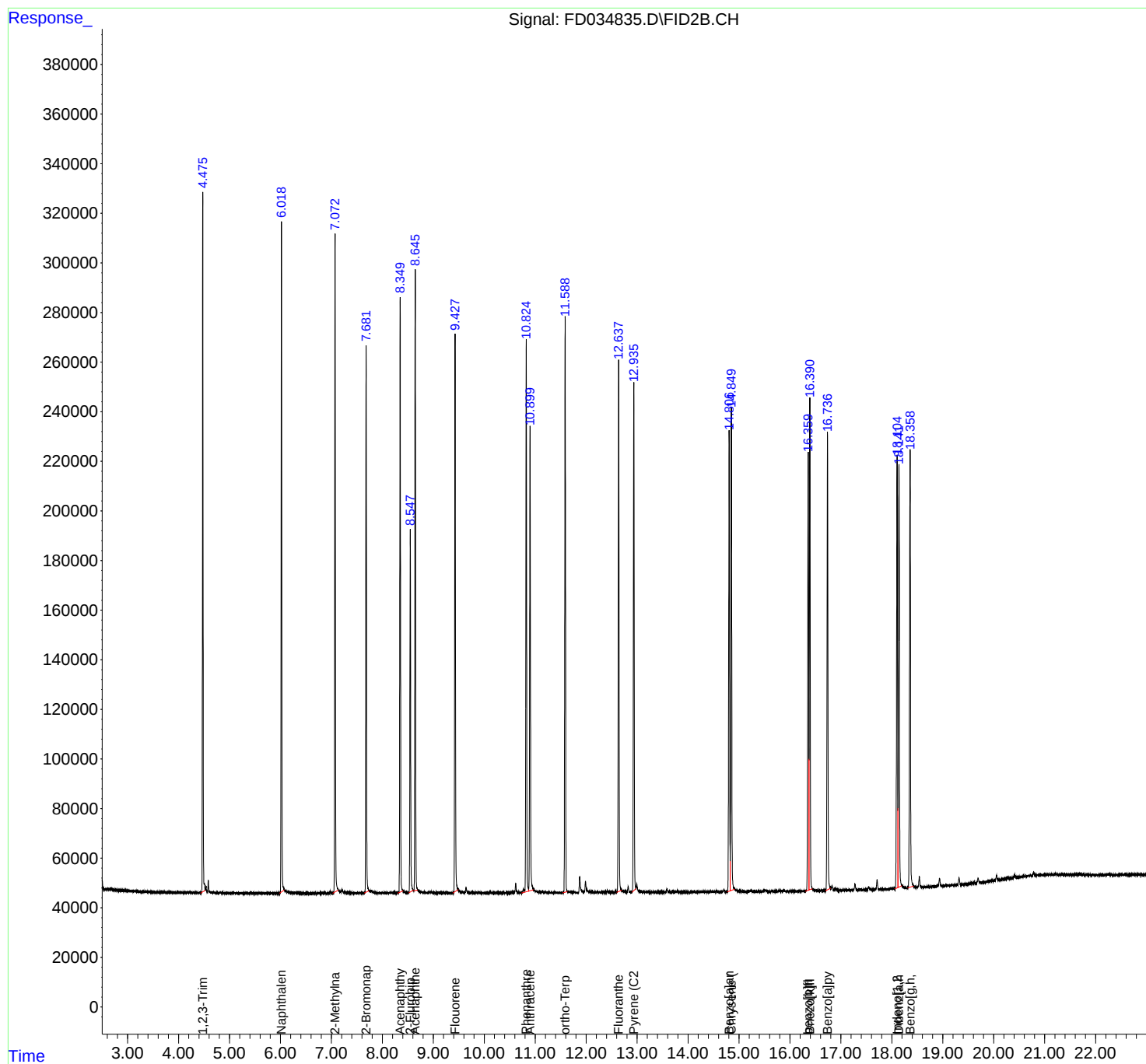
Instrument :
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20 PPM AROMATIC HC STD

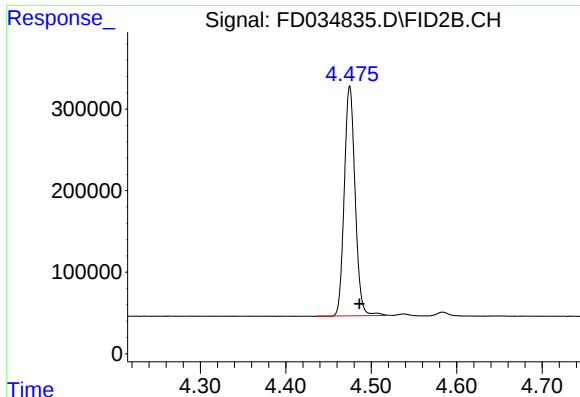
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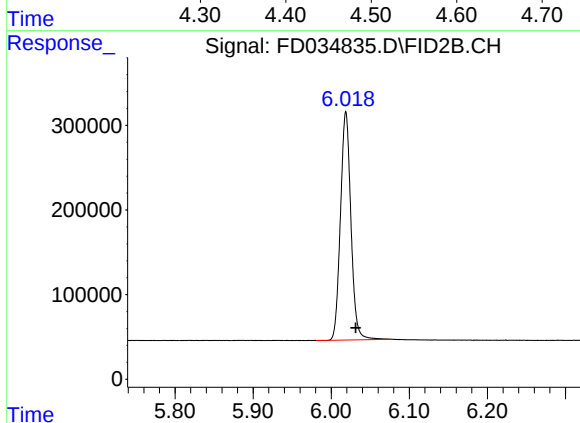
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min
Delta R.T.: -0.011 min
Response: 2486433
Conc: 21.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

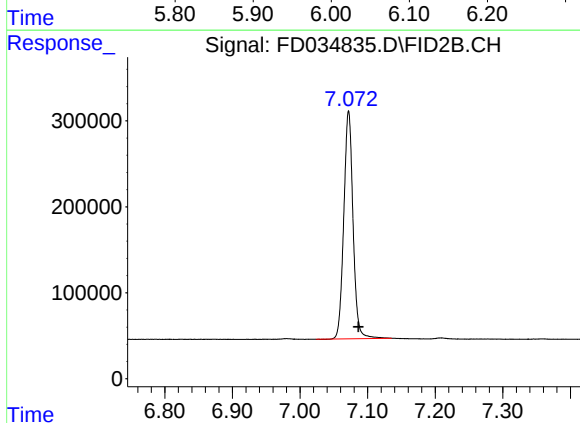
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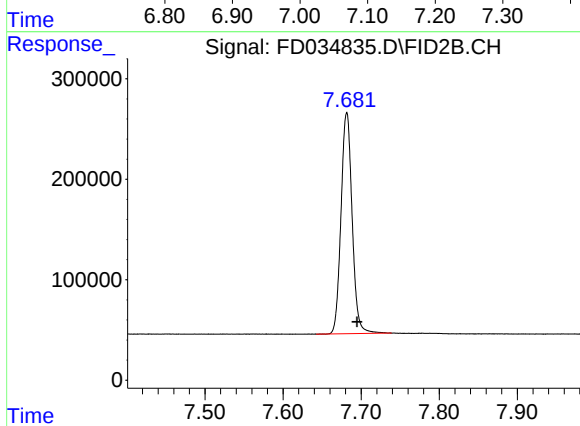
#2 Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.013 min
Response: 2510561
Conc: 21.51 ug/ml



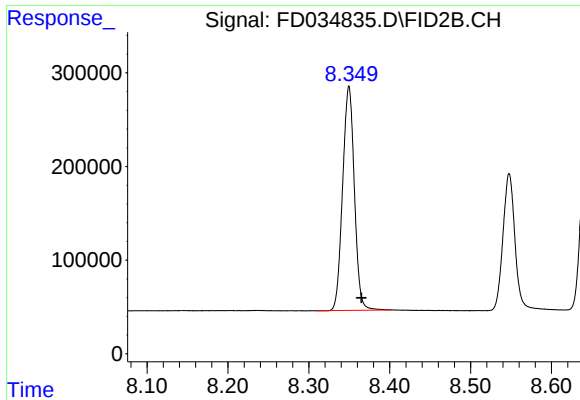
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.014 min
Response: 2522290
Conc: 21.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.682 min
Delta R.T.: -0.013 min
Response: 2178134
Conc: 21.24 ug/ml



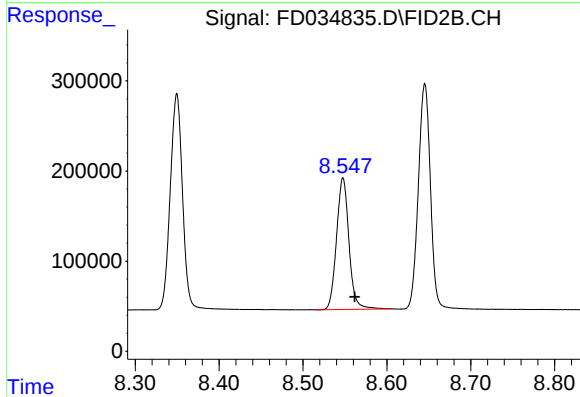
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.016 min
Response: 2418061
Conc: 20.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

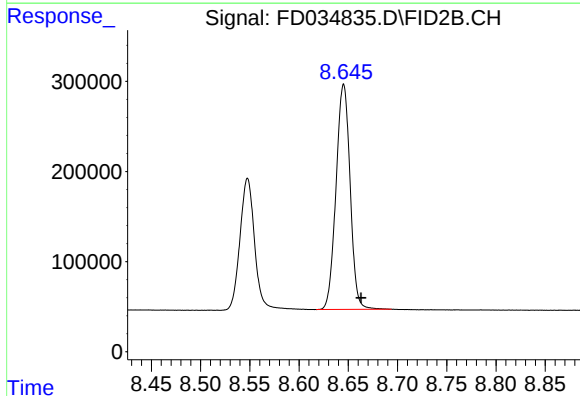
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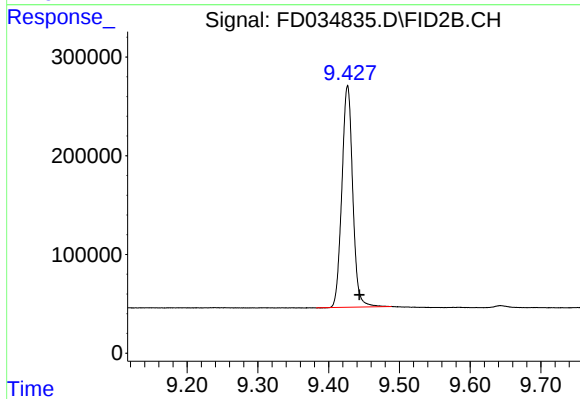
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.014 min
Response: 1507129
Conc: 20.95 ug/ml



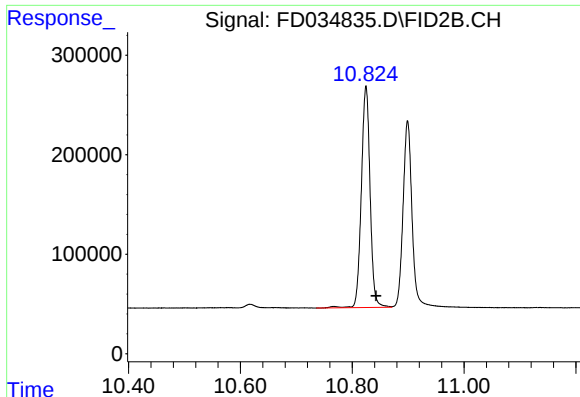
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.018 min
Response: 2491974
Conc: 20.94 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.427 min
Delta R.T.: -0.017 min
Response: 2395680
Conc: 20.78 ug/ml



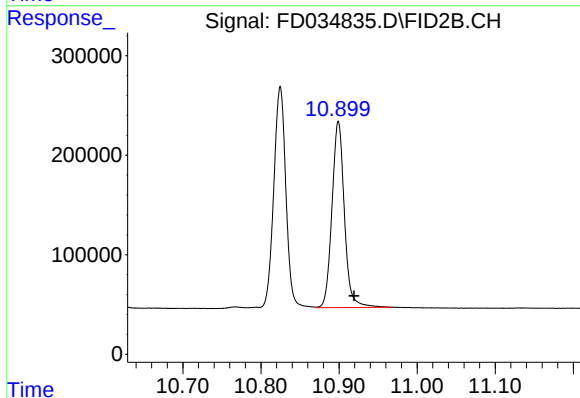
#9 Phenanthrene (C19.36)

R.T.: 10.825 min
Delta R.T.: -0.018 min
Response: 2420524
Conc: 20.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

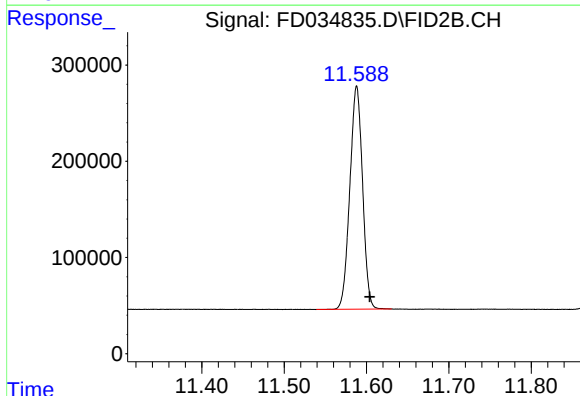
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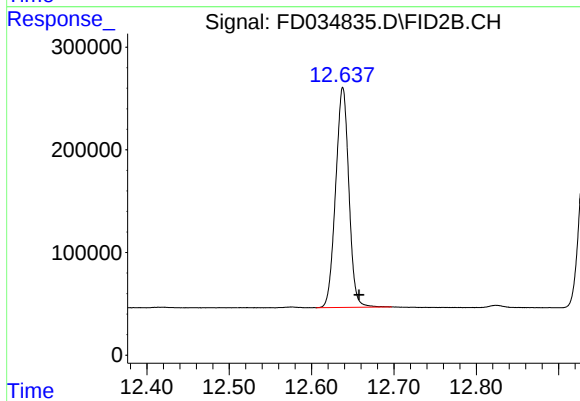
#10 Anthracene (C19.43)

R.T.: 10.899 min
Delta R.T.: -0.020 min
Response: 2068300
Conc: 18.16 ug/ml



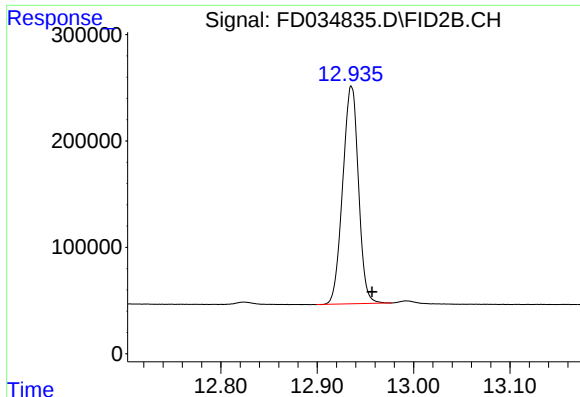
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.016 min
Response: 2485697
Conc: 20.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: -0.020 min
Response: 2388031
Conc: 20.48 ug/ml



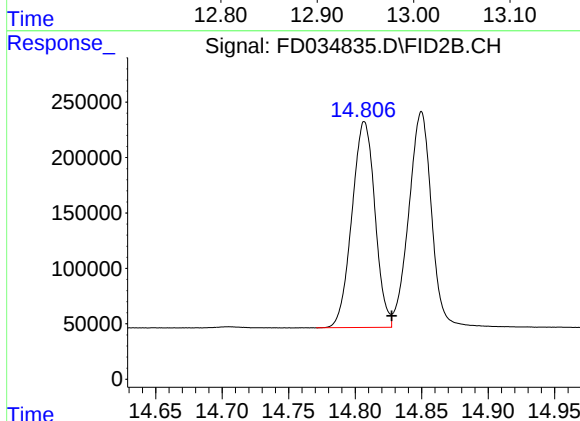
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.021 min
Response: 2317044
Conc: 20.42 ug/ml

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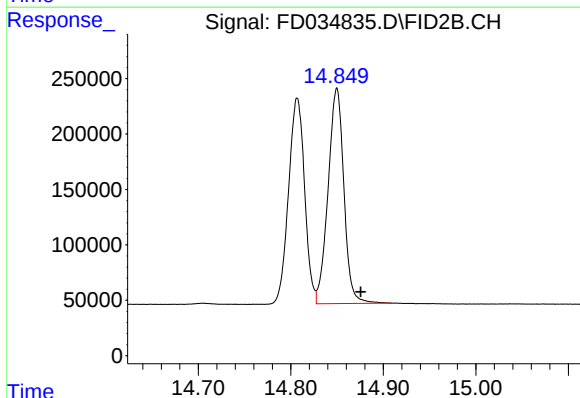
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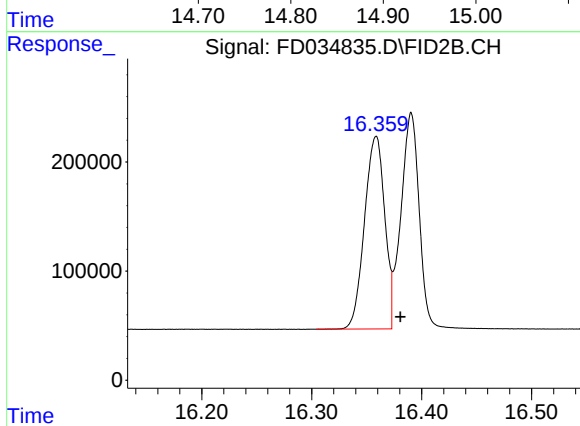
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.807 min
Delta R.T.: -0.020 min
Response: 2238636
Conc: 20.28 ug/ml



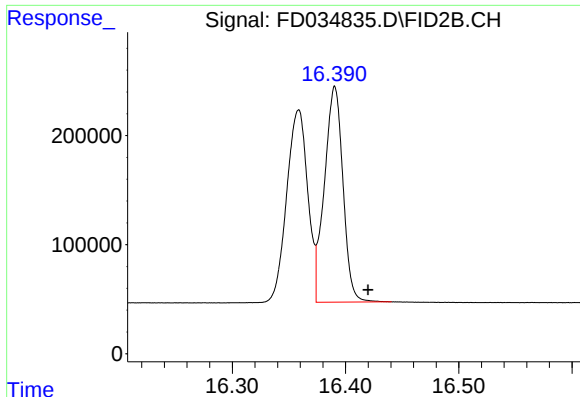
#15 Chrysene (C27.41)

R.T.: 14.850 min
Delta R.T.: -0.026 min
Response: 2310983
Conc: 20.69 ug/ml



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

R.T.: 16.359 min
Delta R.T.: -0.022 min
Response: 2253805
Conc: 21.04 ug/ml m



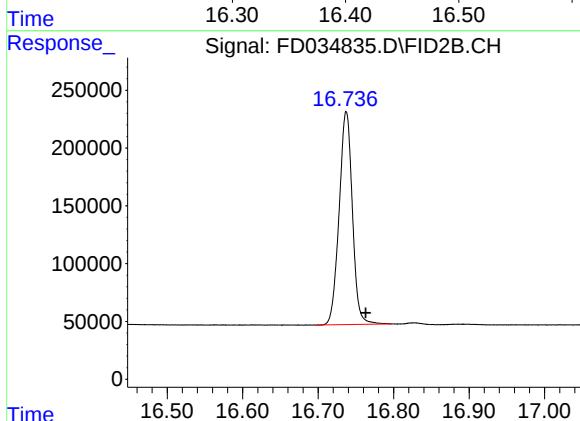
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.391 min
Delta R.T.: -0.029 min
Response: 2253230
Conc: 21.25 ug/ml

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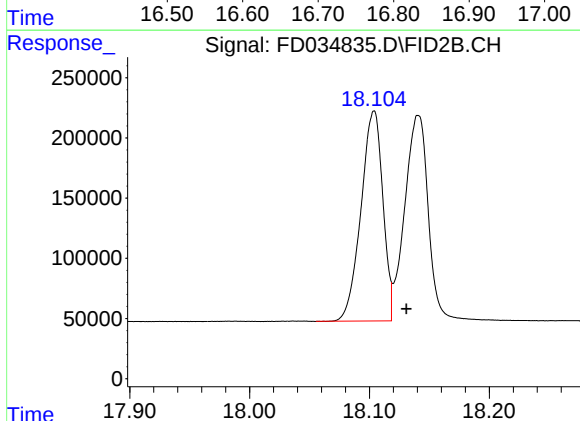
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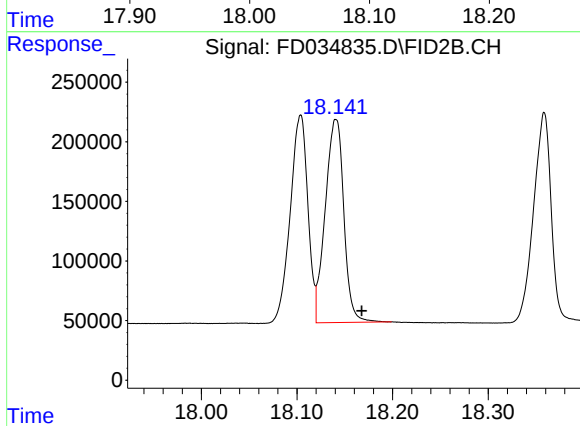
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.737 min
Delta R.T.: -0.026 min
Response: 2251506
Conc: 21.38 ug/ml



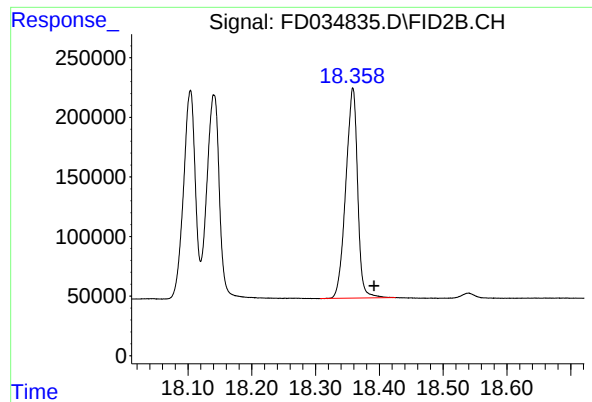
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: -0.027 min
Response: 2206683
Conc: 21.78 ug/ml m



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

R.T.: 18.141 min
Delta R.T.: -0.027 min
Response: 2295747
Conc: 22.60 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2269878
Conc: 22.48 ug/ml

Instrument :
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