

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080320AR\
 Data File : FD034342.D
 Signal(s) : FID2B.CH
 Acq On : 04 Aug 2020 11:28
 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

Integration File: autoint1.e
 Quant Time: Aug 04 11:59:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.698	2552726	21.835 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
6) S 2-Fluorobiphenyl (SURR)	8.564	1806052	21.785 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.57%
11) S ortho-Terphenyl (SURR)	11.606	2940561	21.638 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	2761965	21.669 ug/ml
2) T Naphthalene (C11.7)	6.036	2914416	21.784 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2944277	21.812 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2860001	21.610 ug/ml
7) T Acenaphthene (C15.5)	8.662	2924633	21.747 ug/ml
8) T Fluorene (C16.55)	9.443	2882105	21.684 ug/ml
9) T Phenanthrene (C19.36)	10.842	2892840	21.582 ug/ml
10) T Anthracene (C19.43)	10.917	2833464	21.349 ug/ml
12) T Fluoranthene (C21.85)	12.654	2915732	21.452 ug/ml
13) T Pyrene (C20.8)	12.952	2831390	21.263 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2741336	20.887 ug/ml
15) T Chrysene (C27.41)	14.866	2740716	20.904 ug/ml
16) T benzo[b]fluoranthene ...	16.372	2625649	20.523 ug/ml
17) T Bnezo[k]fluoranthene ...	16.405	2543443	20.535 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2546316	20.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.114	2407630	20.009 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2469327	20.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	2387665	20.151 ug/ml

(f)=RT Delta > 1/2 Window

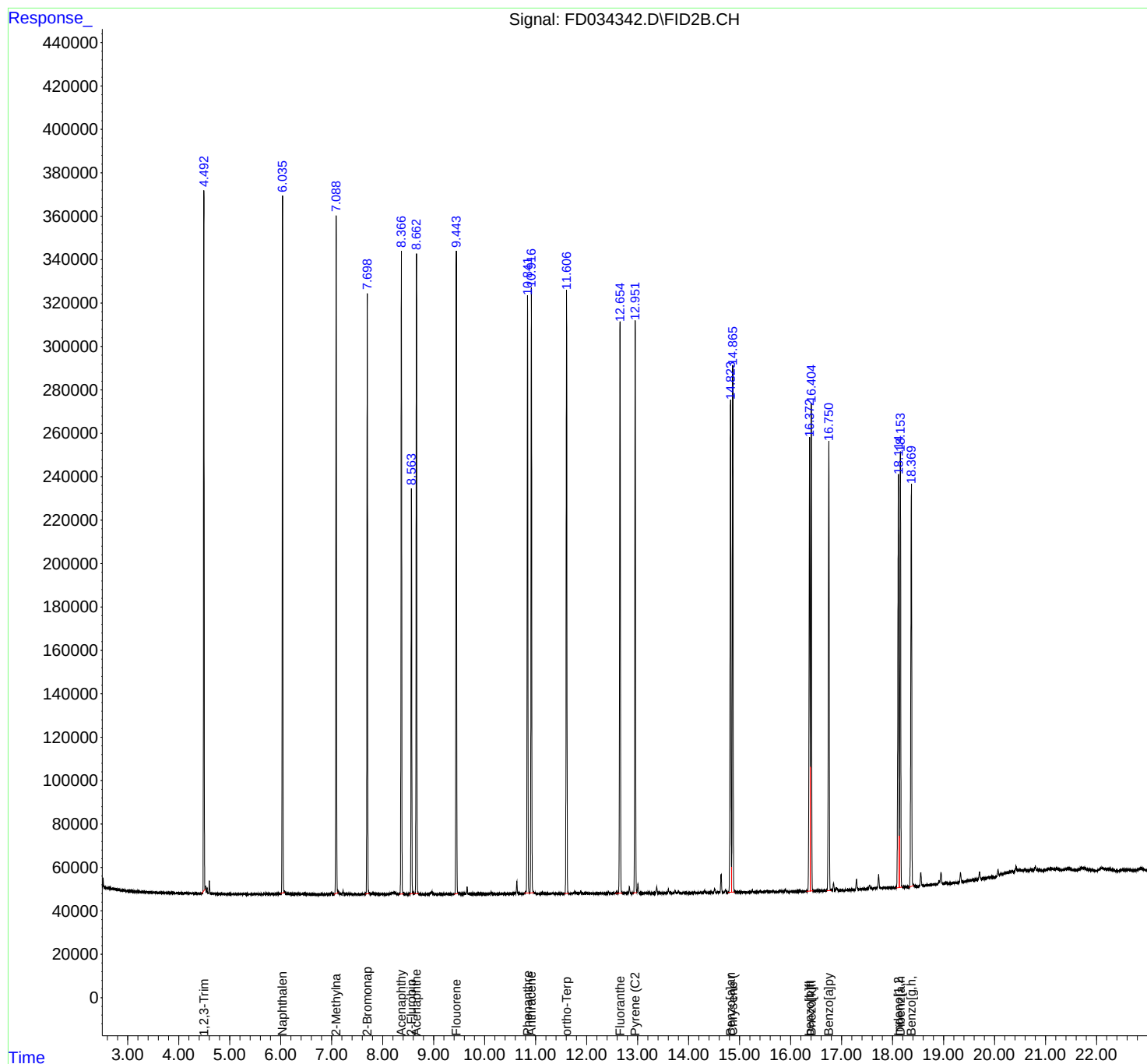
(m)=manual int.

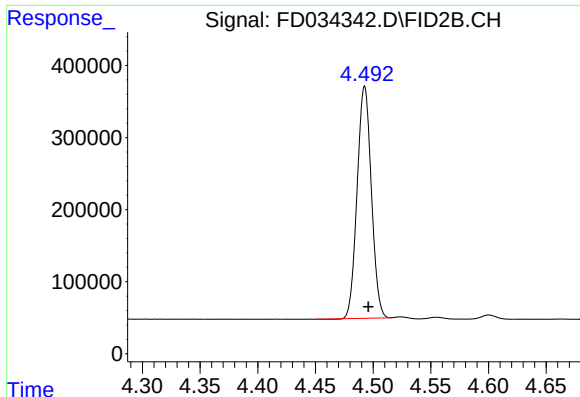
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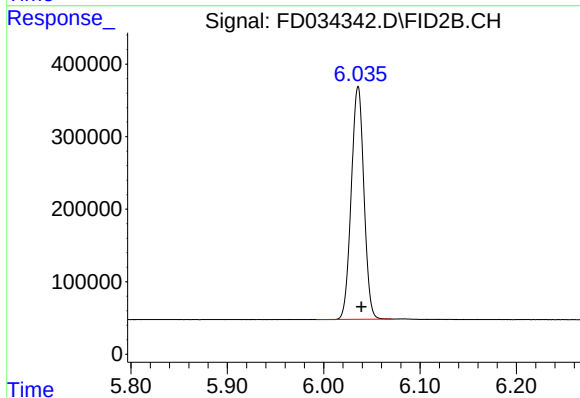




#1 1,2,3-Trimethylbenzene (C10.1)

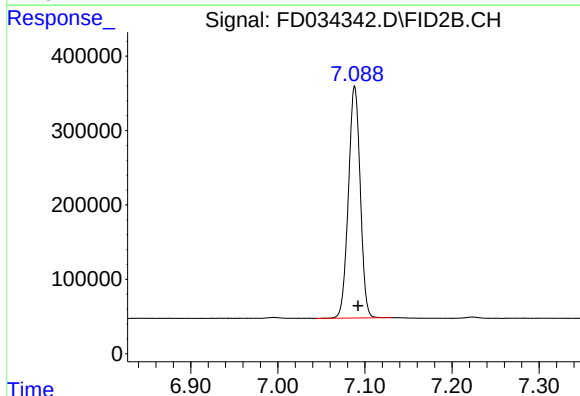
R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 2761965
Conc: 21.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



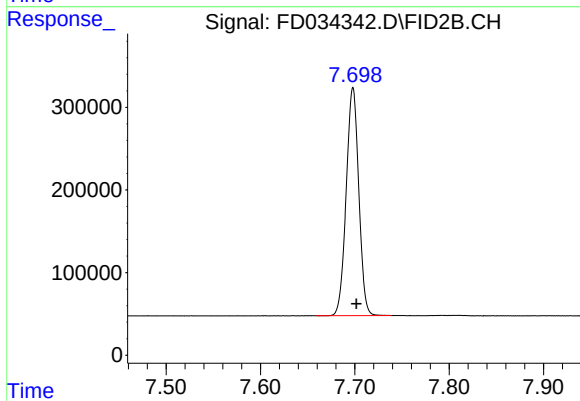
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.003 min
Response: 2914416
Conc: 21.78 ug/ml



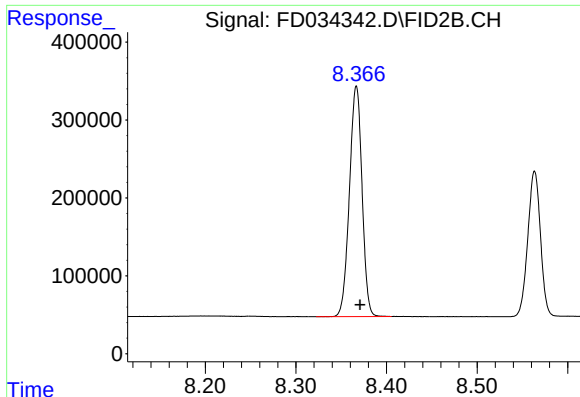
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 2944277
Conc: 21.81 ug/ml



#4 2-Bromonaphthalene (SURR)

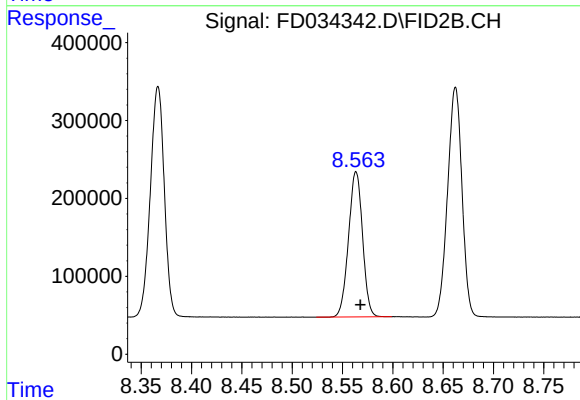
R.T.: 7.698 min
Delta R.T.: -0.004 min
Response: 2552726
Conc: 21.83 ug/ml



#5 Acenaphthylene (C15.06)

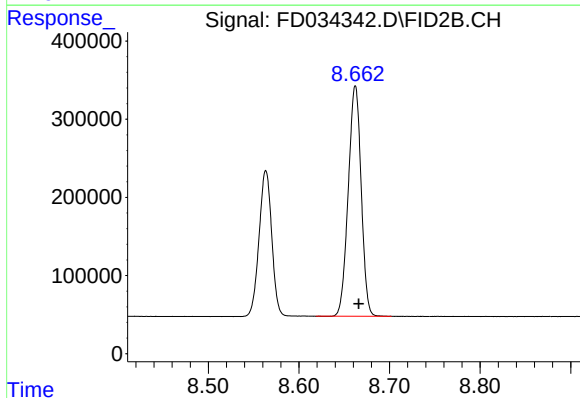
R.T.: 8.367 min
Delta R.T.: -0.004 min
Response: 2860001
Conc: 21.61 ug/ml

Instrument :
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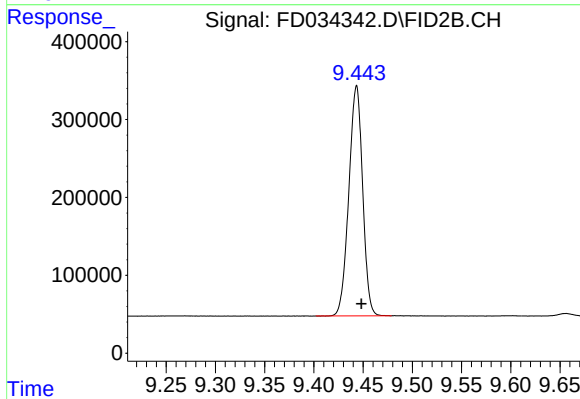
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 1806052
Conc: 21.78 ug/ml



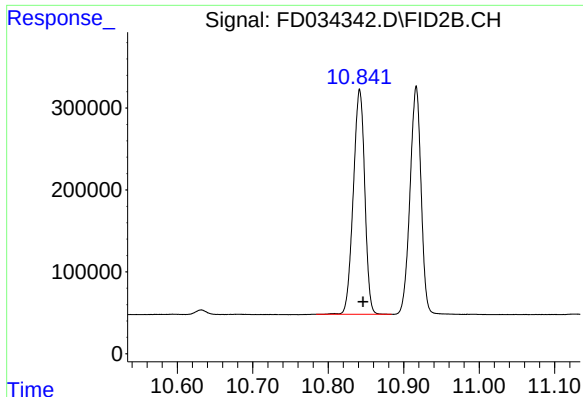
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 2924633
Conc: 21.75 ug/ml



#8 Fluorene (C16.55)

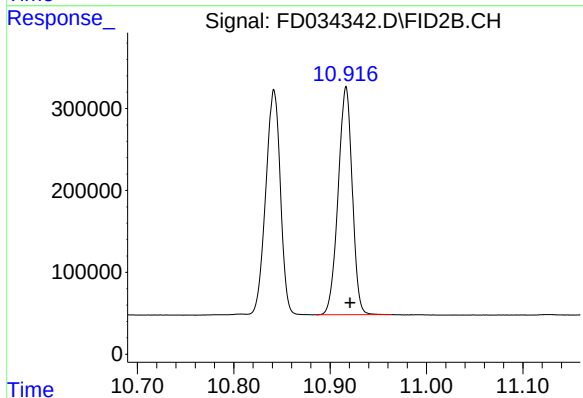
R.T.: 9.443 min
Delta R.T.: -0.005 min
Response: 2882105
Conc: 21.68 ug/ml



#9 Phenanthrene (C19.36)

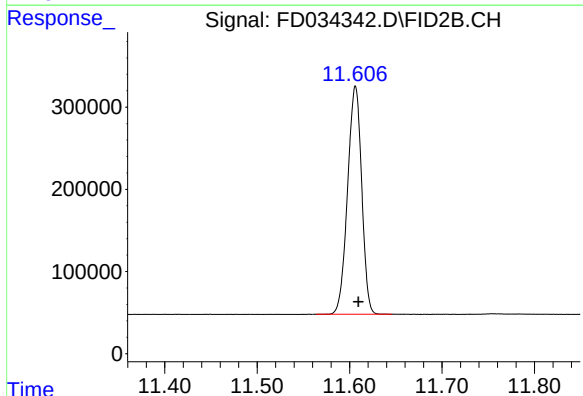
R.T.: 10.842 min
Delta R.T.: -0.004 min
Response: 2892840
Conc: 21.58 ug/ml

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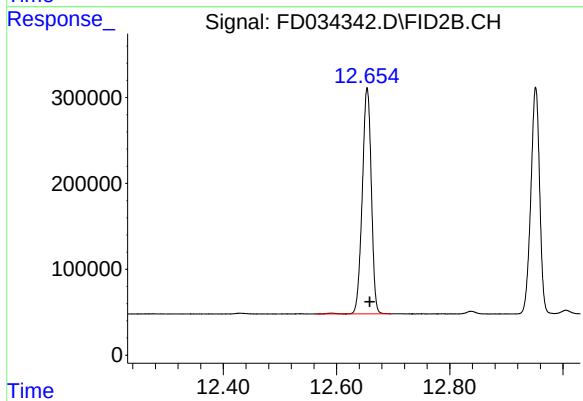
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: -0.004 min
Response: 2833464
Conc: 21.35 ug/ml



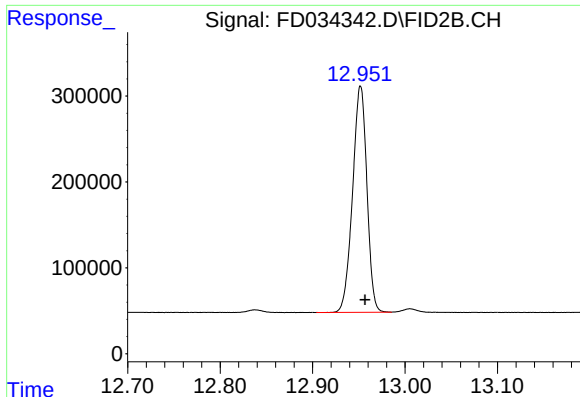
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.003 min
Response: 2940561
Conc: 21.64 ug/ml



#12 Fluoranthene (C21.85)

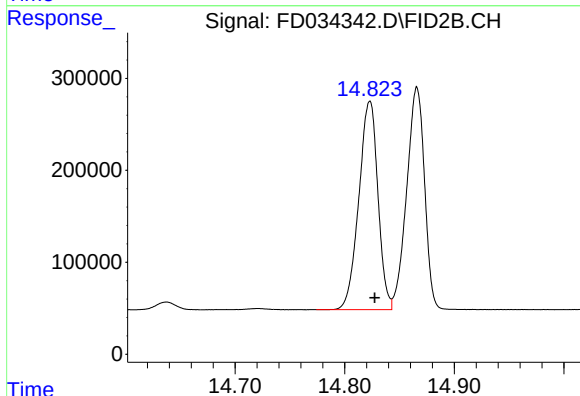
R.T.: 12.654 min
Delta R.T.: -0.004 min
Response: 2915732
Conc: 21.45 ug/ml



#13 Pyrene (C20.8)

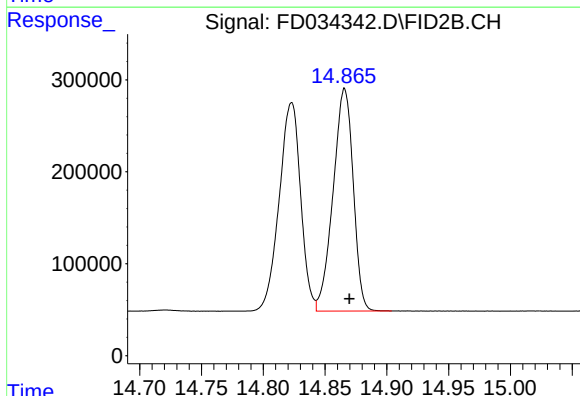
R.T.: 12.952 min
Delta R.T.: -0.005 min
Response: 2831390
Conc: 21.26 ug/ml

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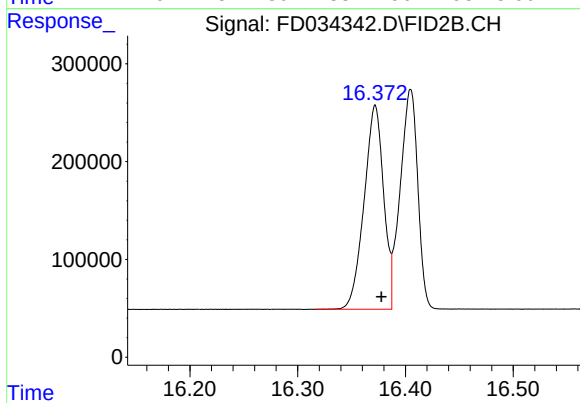
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: -0.004 min
Response: 2741336
Conc: 20.89 ug/ml



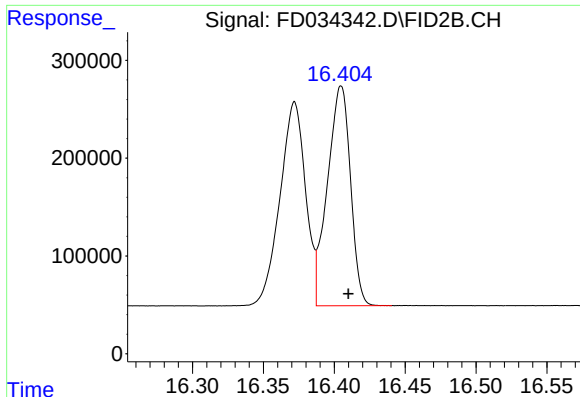
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.004 min
Response: 2740716
Conc: 20.90 ug/ml



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

R.T.: 16.372 min
Delta R.T.: -0.006 min
Response: 2625649
Conc: 20.52 ug/ml



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

R.T.: 16.405 min
Delta R.T.: -0.005 min
Response: 2543443
Conc: 20.54 ug/ml

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

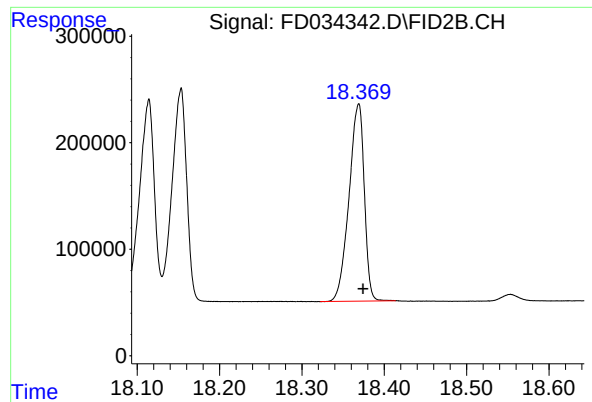
R.T.: 16.750 min
Delta R.T.: -0.005 min
Response: 2546316
Conc: 20.34 ug/ml

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

R.T.: 18.114 min
Delta R.T.: -0.005 min
Response: 2407630
Conc: 20.01 ug/ml

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

R.T.: 18.153 min
Delta R.T.: -0.005 min
Response: 2469327
Conc: 20.92 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.006 min
Response: 2387665
Conc: 20.15 ug/ml

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