

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034603.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 3:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Ankita
 9/1/2020 1:28:00 PM

Integration File: autoint1.e
 Quant Time: Sep 01 06:00:36 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...	7.689	2105938	20.532 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
6) S 2-Fluorobiphenyl (SURR)	8.554	1490023	20.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.42%
11) S ortho-Terphenyl (SURR)	11.595	2438640	20.356 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2287783	20.207 ug/ml
2) T Naphthalene (C11.7)	6.026	2394676	20.516 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	2426356	20.544 ug/ml
5) T Acenaphthylene (C15.06)	8.357	2386906	20.423 ug/ml
7) T Acenaphthene (C15.5)	8.652	2433522	20.453 ug/ml
8) T Flouorene (C16.55)	9.433	2366518	20.525 ug/ml
9) T Phenanthrene (C19.36)	10.831	2387705	20.478 ug/ml
10) T Anthracene (C19.43)	10.906	2333679	20.485 ug/ml
12) T Fluoranthene (C21.85)	12.644	2387386	20.473 ug/ml
13) T Pyrene (C20.8)	12.941	2310865	20.363 ug/ml
14) T Benzo[a]anthracene (C...	14.812	2264346	20.517 ug/ml
15) T Chrysene (C27.41)	14.855	2267403	20.300 ug/ml
16) T benzo[b]fluoranthene ...	16.362	2201286	20.551 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.394	2155984	20.333 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.741	2148709	20.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	2050210	20.238 ug/mlm
20) T Dibenz[a,h]anthracene...	18.143	2082651	20.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2044849	20.251 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 70 Sample Multiplier: 1

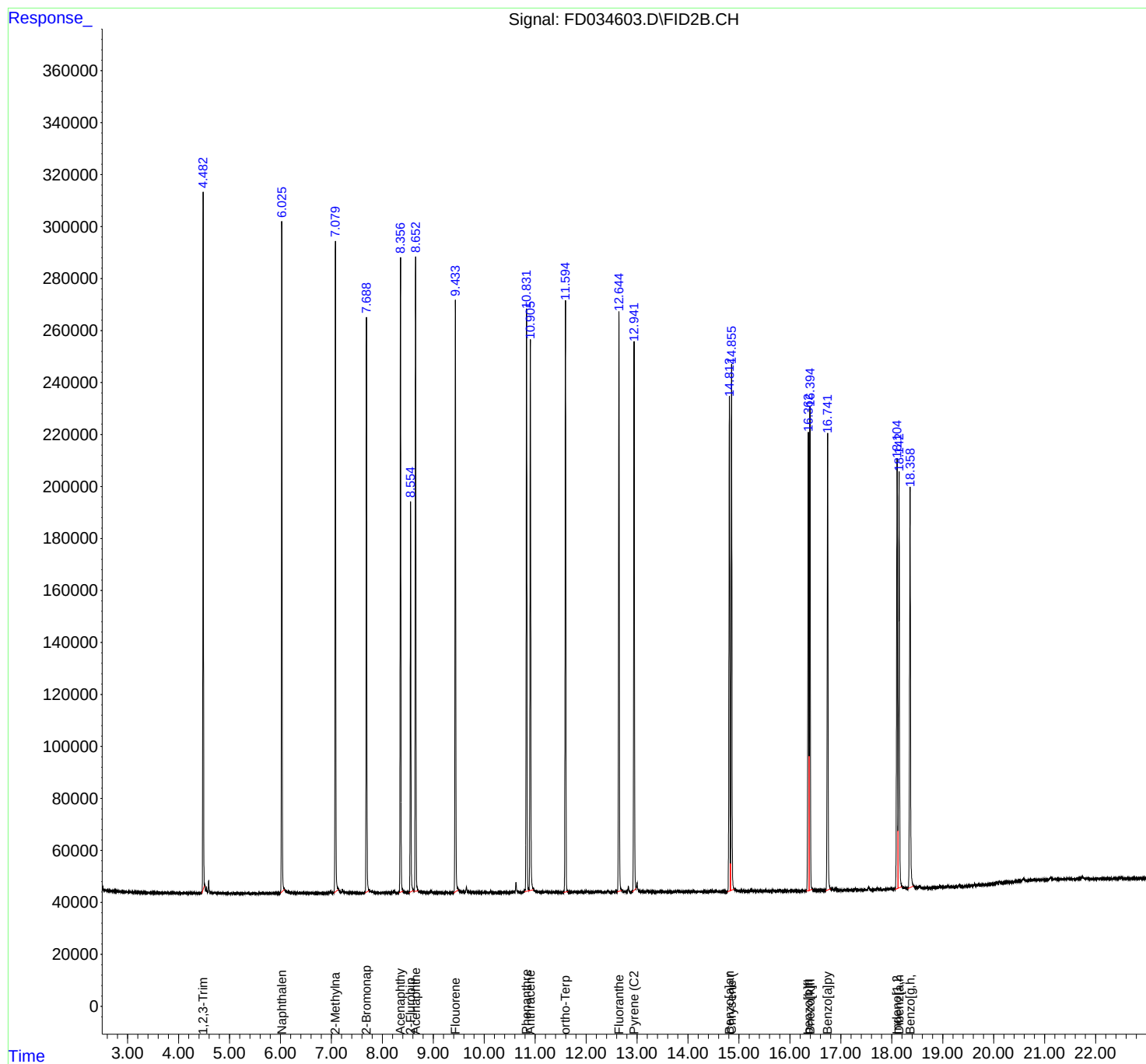
Instrument :
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20 PPM AROMATIC HC STD

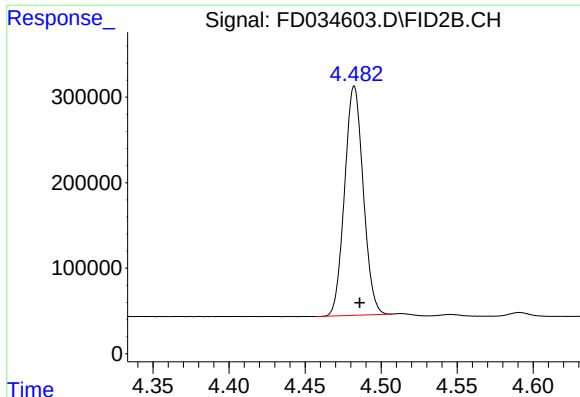
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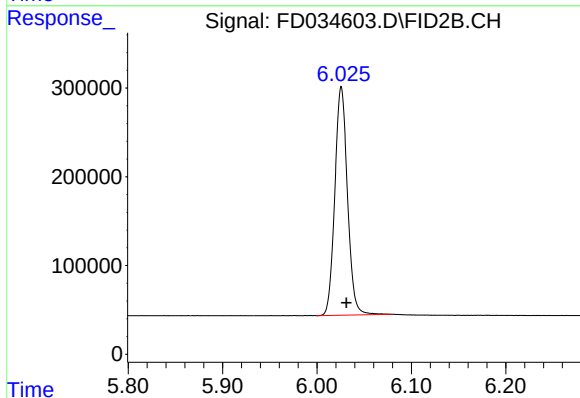
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: -0.004 min
Response: 2287783
Conc: 20.21 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

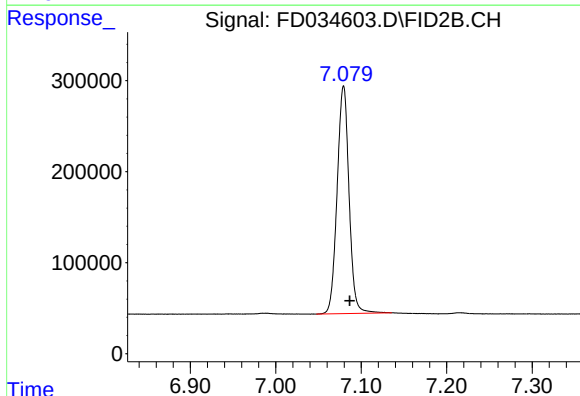
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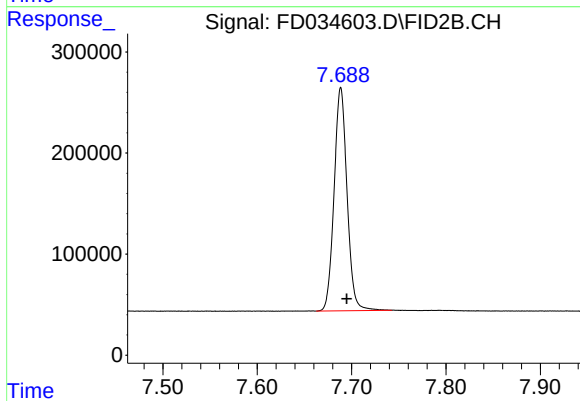
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 2394676
Conc: 20.52 ug/ml



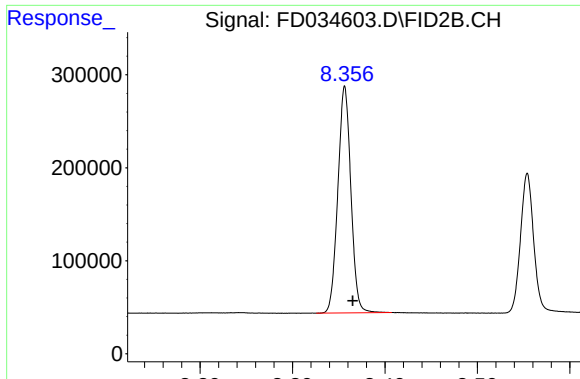
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.007 min
Response: 2426356
Conc: 20.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 2105938
Conc: 20.53 ug/ml



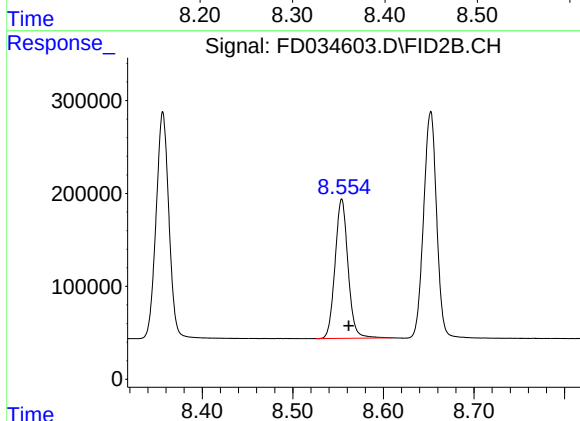
#5 Acenaphthylene (C15.06)

R.T.: 8.357 min
Delta R.T.: -0.009 min
Response: 2386906
Conc: 20.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

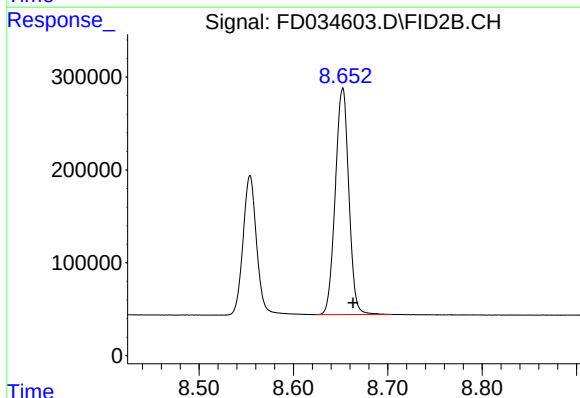
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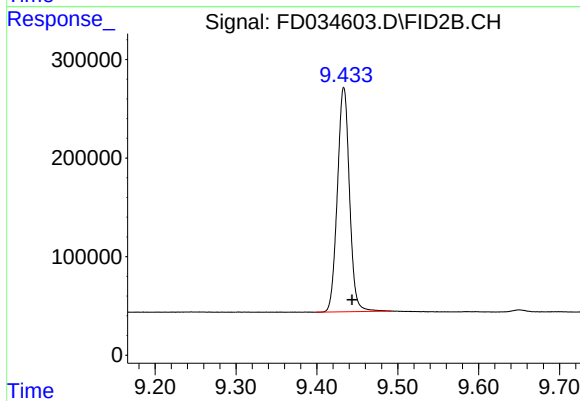
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 1490023
Conc: 20.71 ug/ml



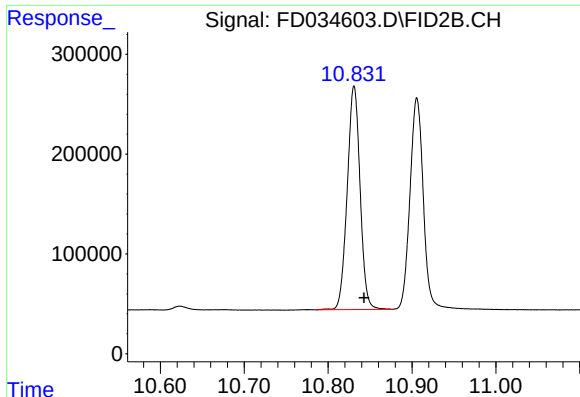
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 2433522
Conc: 20.45 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.010 min
Response: 2366518
Conc: 20.53 ug/ml



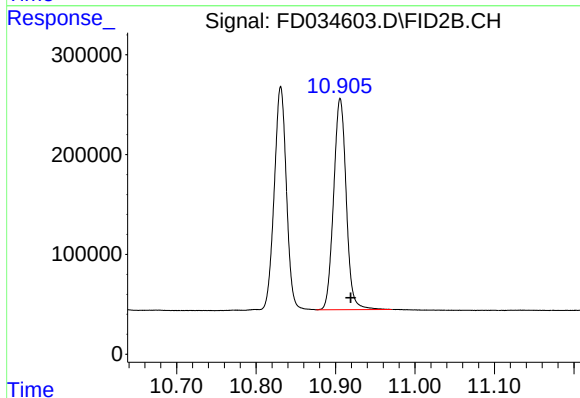
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: -0.012 min
Response: 2387705
Conc: 20.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

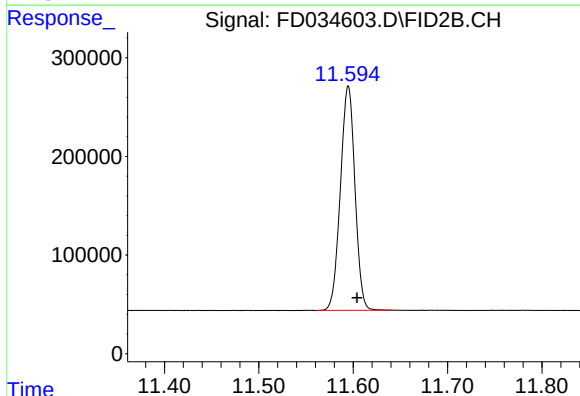
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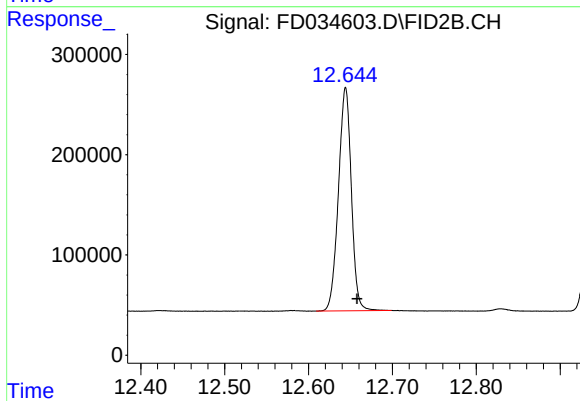
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.013 min
Response: 2333679
Conc: 20.49 ug/ml



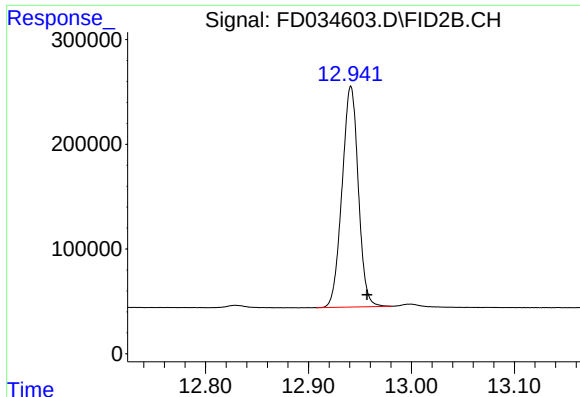
#11 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: -0.009 min
Response: 2438640
Conc: 20.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.644 min
Delta R.T.: -0.014 min
Response: 2387386
Conc: 20.47 ug/ml



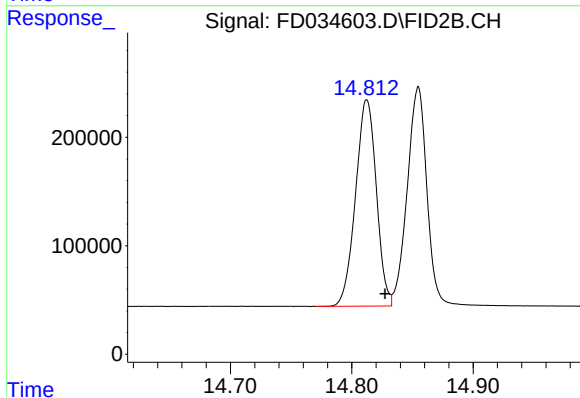
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 2310865
Conc: 20.36 ug/ml

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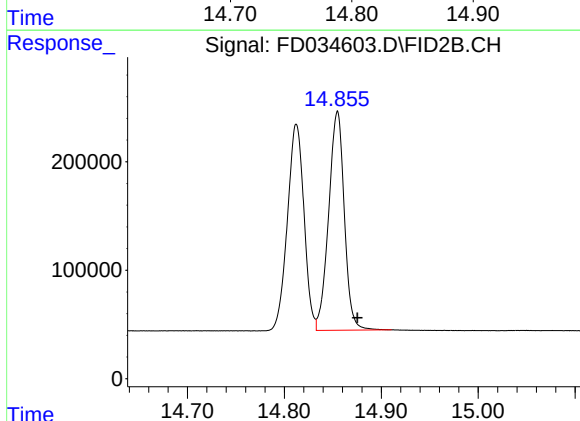
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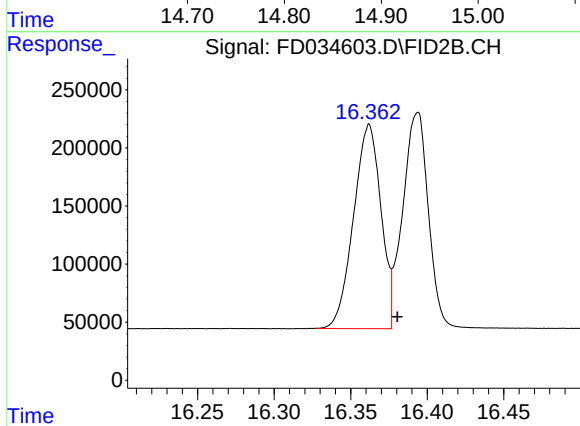
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.015 min
Response: 2264346
Conc: 20.52 ug/ml



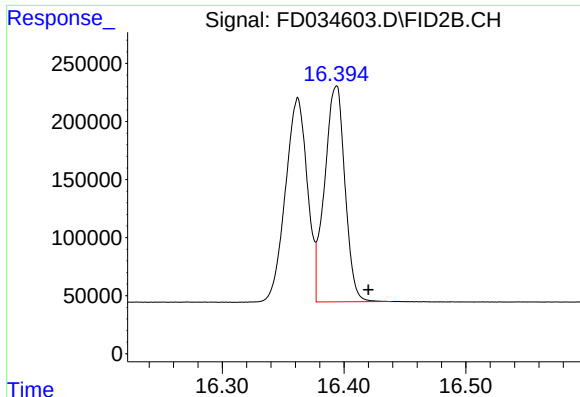
#15 Chrysene (C27.41)

R.T.: 14.855 min
Delta R.T.: -0.021 min
Response: 2267403
Conc: 20.30 ug/ml



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

R.T.: 16.362 min
Delta R.T.: -0.019 min
Response: 2201286
Conc: 20.55 ug/ml m



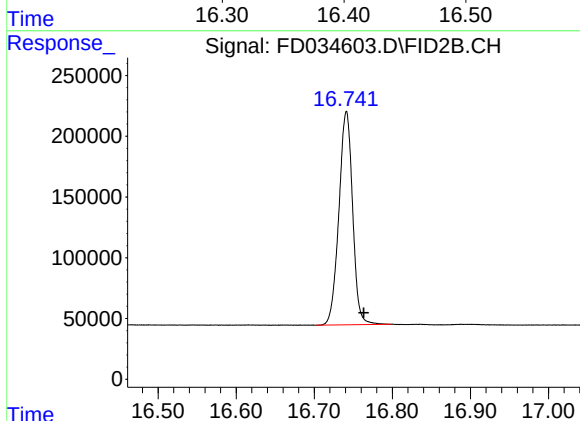
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.394 min
Delta R.T.: -0.026 min
Response: 2155984
Conc: 20.33 ug/ml

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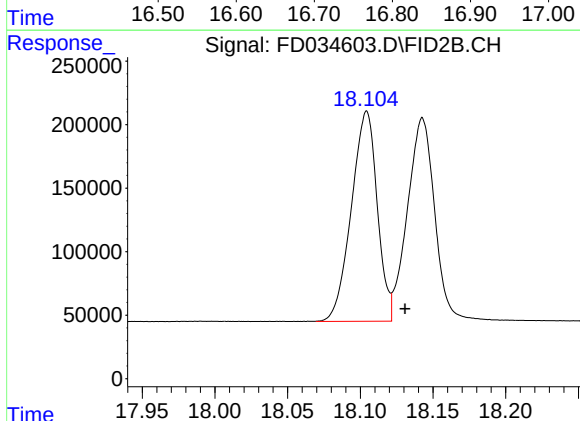
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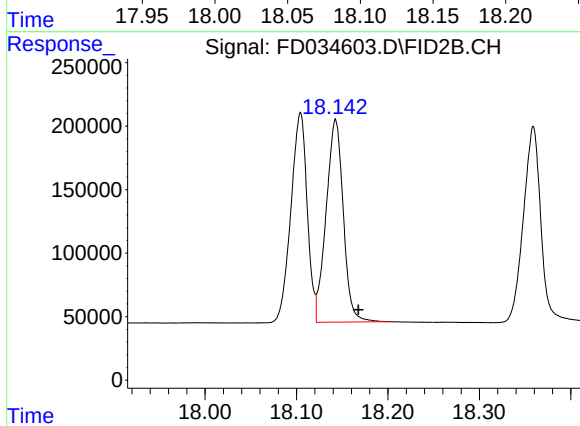
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.741 min
Delta R.T.: -0.022 min
Response: 2148709
Conc: 20.40 ug/ml



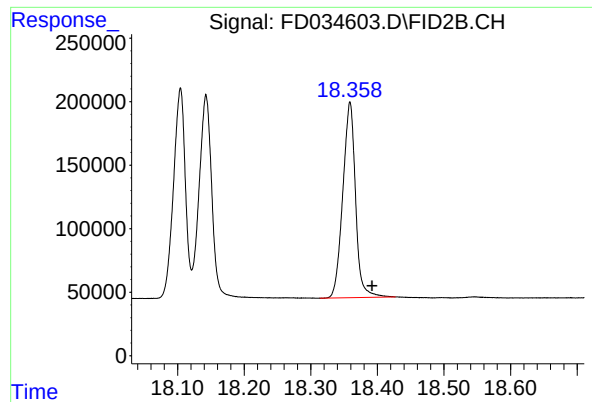
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: -0.027 min
Response: 2050210
Conc: 20.24 ug/ml m



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2082651
Conc: 20.50 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2044849
Conc: 20.25 ug/ml

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