

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022420AR\
 Data File : FD032390.D
 Signal(s) : FID2B.CH
 Acq On : 24 Feb 2020 10:02
 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

Sohil
 2/26/2020 9:18:37 AM

Integration File: autoint1.e
 Quant Time: Feb 25 01:09:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.627	2409400	17.338 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
6) S 2-Fluorobiphenyl (SURR)	8.488	1608726	16.964 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.93%
11) S ortho-Terphenyl (SURR)	11.525	2445603	16.488 ug/ml
Spiked Amount 50.000		Recovery =	32.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	2635809	18.200 ug/mlm
2) T Naphthalene (C11.7)	5.968	2716409	17.825 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	2654622	17.547 ug/ml
5) T Acenaphthylene (C15.06)	8.292	2466600	16.739 ug/ml
7) T Acenaphthene (C15.5)	8.587	2579307	17.080 ug/ml
8) T Flouorene (C16.55)	9.365	2513818	16.797 ug/ml
9) T Phenanthrene (C19.36)	10.760	2480820	16.403 ug/ml
10) T Anthracene (C19.43)	10.834	2228381	15.023 ug/ml
12) T Fluoranthene (C21.85)	12.570	2378402	15.794 ug/ml
13) T Pyrene (C20.8)	12.867	2343049	15.695 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2183647	15.376 ug/ml
15) T Chrysene (C27.41)	14.778	2225879	15.571 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2200696	15.880 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	2209293	16.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	2186986	16.052 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	2150820	16.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	2194869	16.814 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	2161213	17.208 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

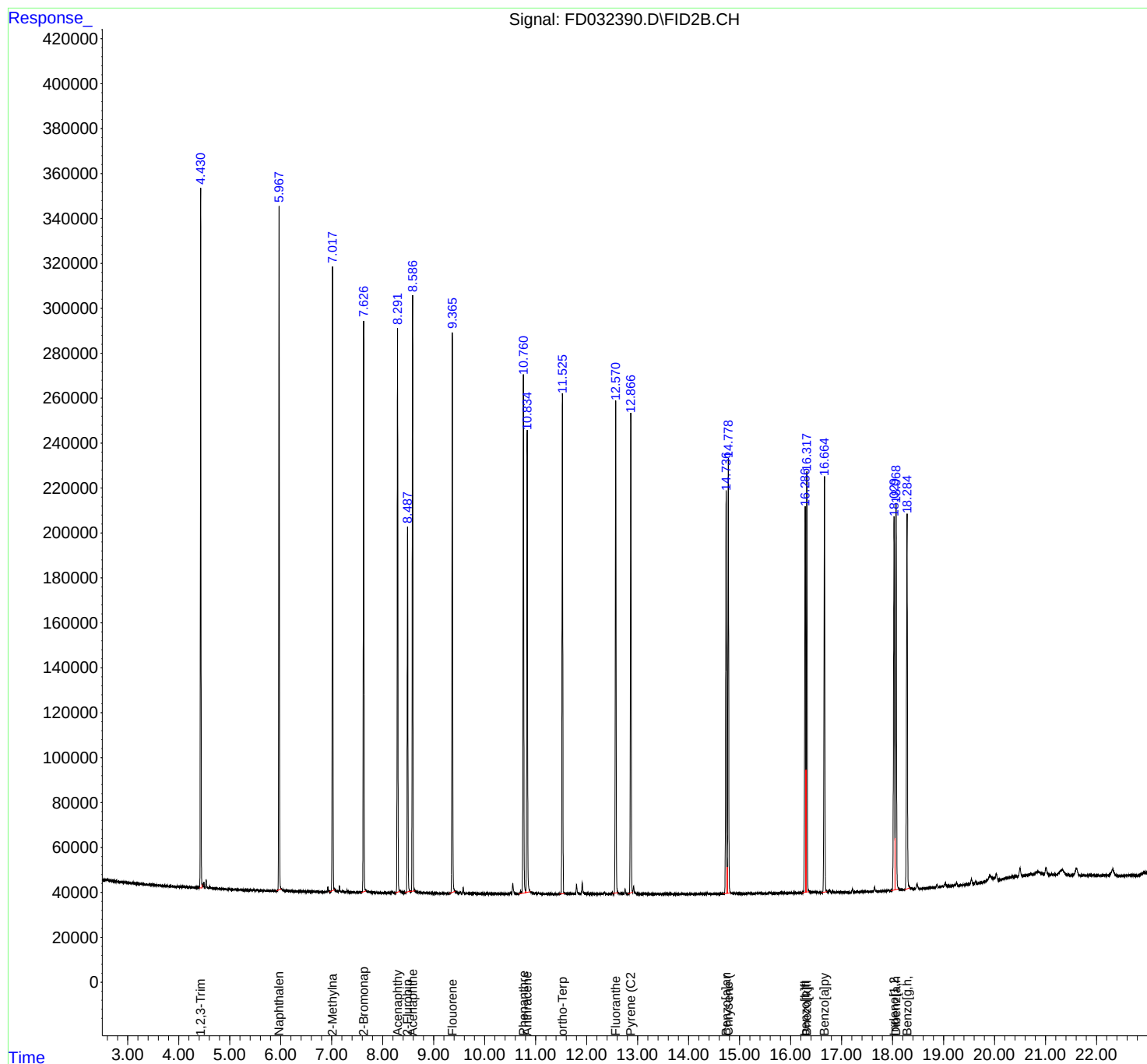
Instrument :
FID_D
ClientSampled :
20 PPM AROMATIC HC STD

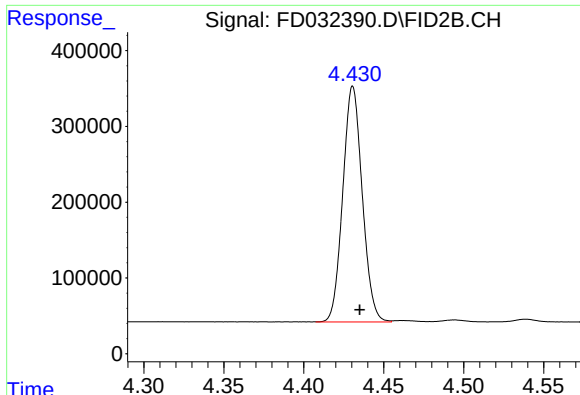
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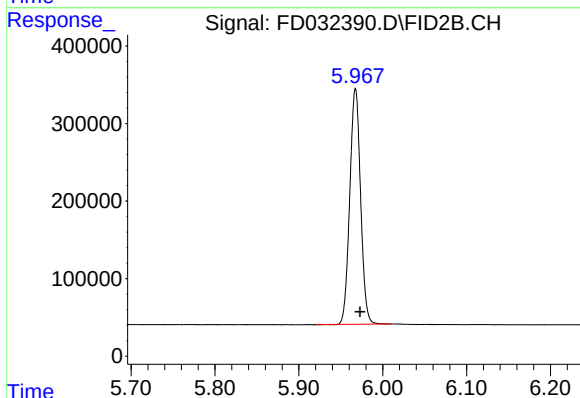
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.005 min
Response: 2635809
Conc: 18.20 ug/ml m

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20 PPM AROMATIC HC STD

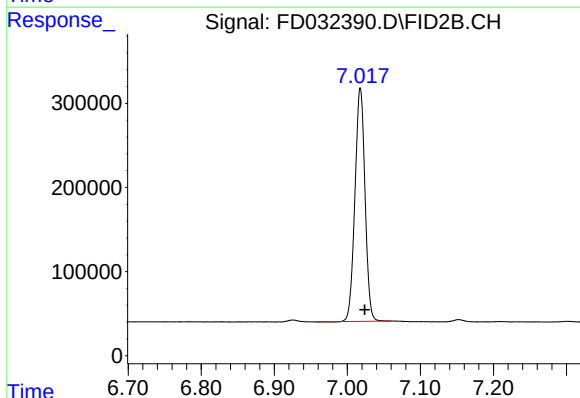
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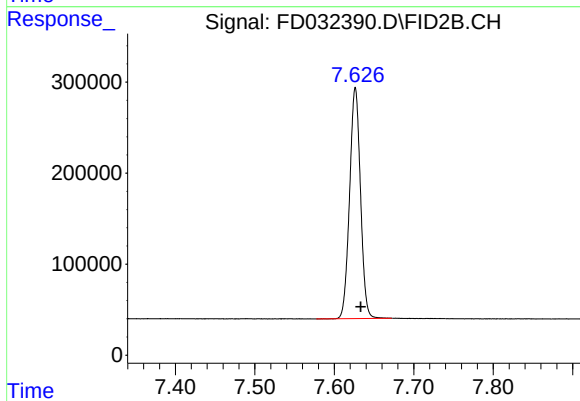
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.005 min
Response: 2716409
Conc: 17.82 ug/ml



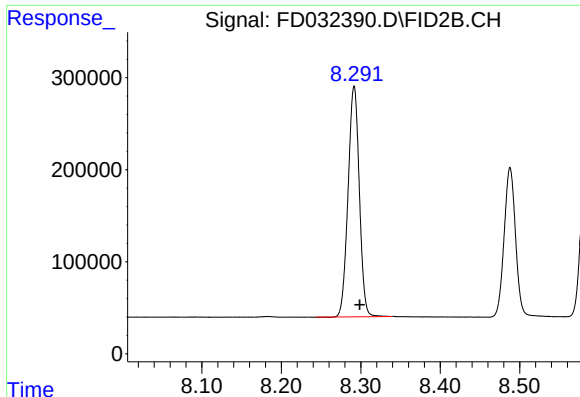
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 2654622
Conc: 17.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.006 min
Response: 2409400
Conc: 17.34 ug/ml



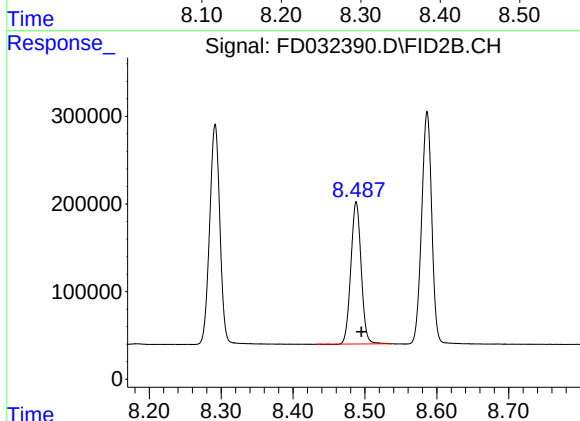
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.007 min
Response: 2466600
Conc: 16.74 ug/ml

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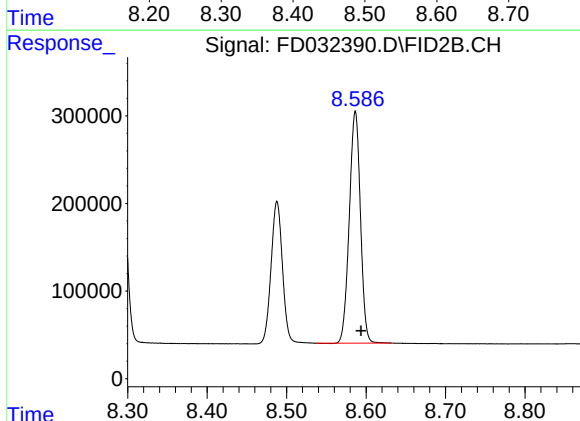
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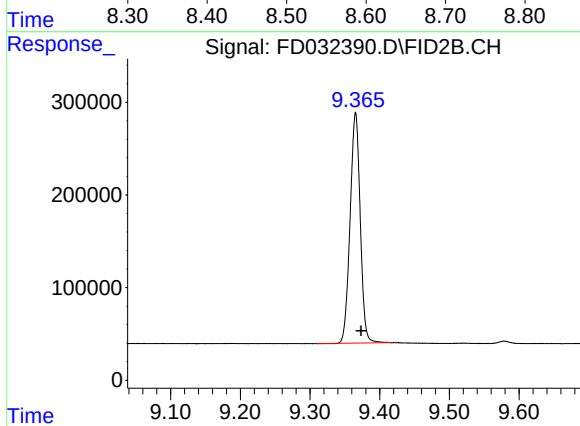
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.488 min
Delta R.T.: -0.007 min
Response: 1608726
Conc: 16.96 ug/ml



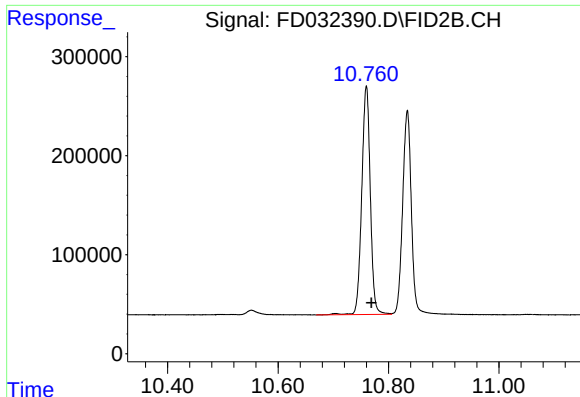
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.007 min
Response: 2579307
Conc: 17.08 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.008 min
Response: 2513818
Conc: 16.80 ug/ml



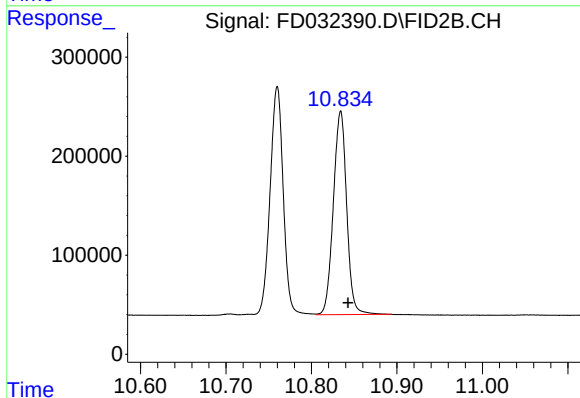
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.009 min
Response: 2480820
Conc: 16.40 ug/ml

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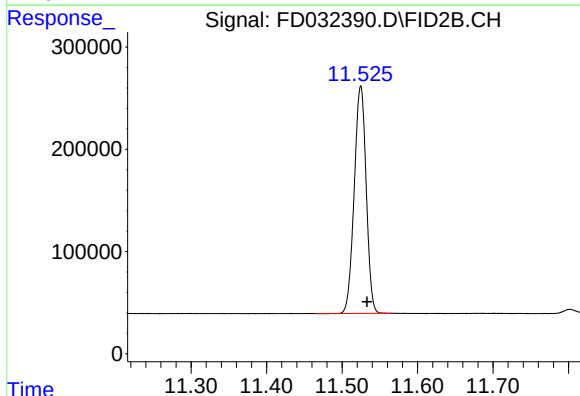
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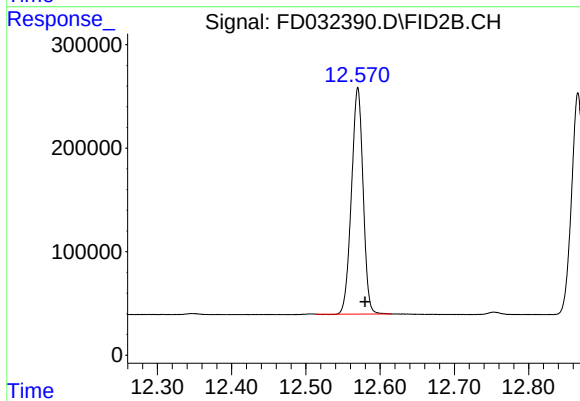
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: -0.009 min
Response: 2228381
Conc: 15.02 ug/ml



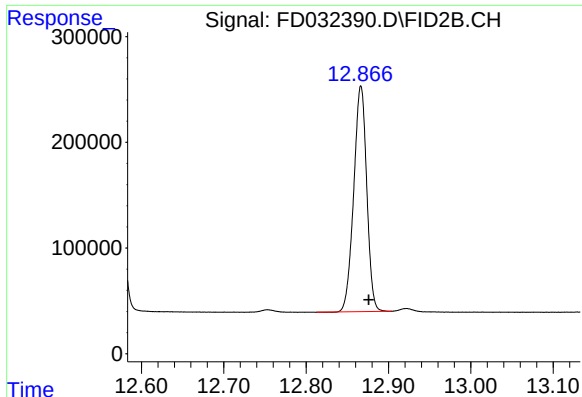
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 2445603
Conc: 16.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: -0.009 min
Response: 2378402
Conc: 15.79 ug/ml



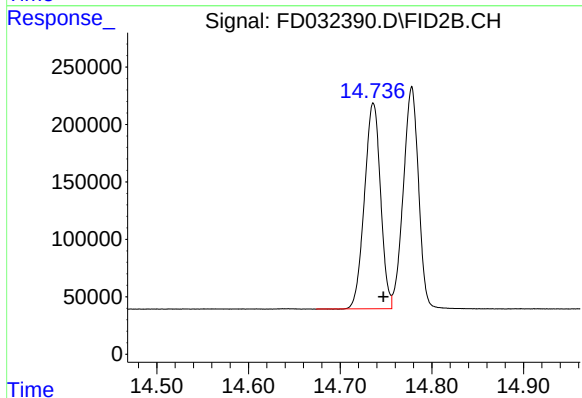
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 2343049
Conc: 15.69 ug/ml

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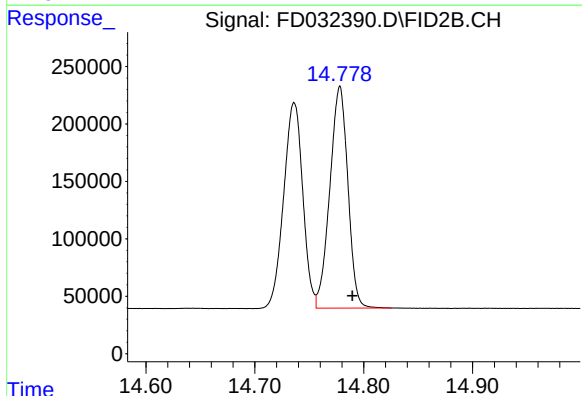
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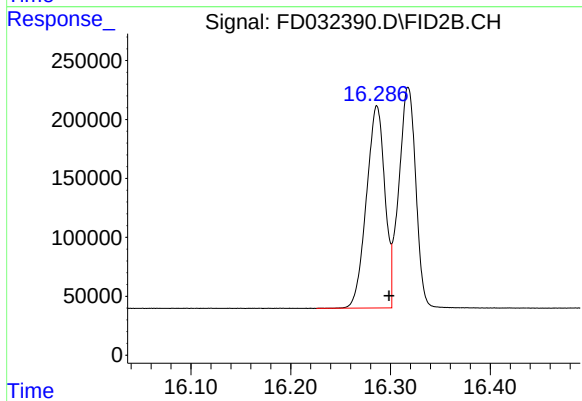
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.011 min
Response: 2183647
Conc: 15.38 ug/ml



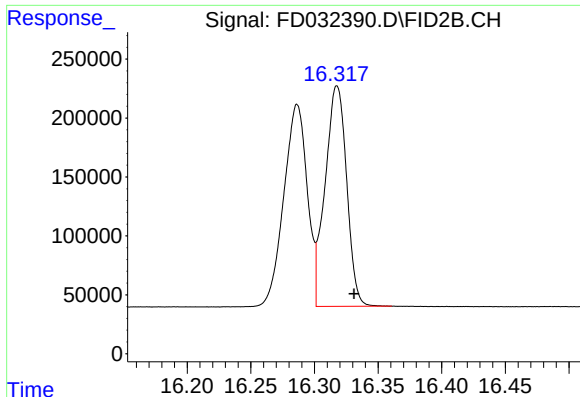
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.011 min
Response: 2225879
Conc: 15.57 ug/ml



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

R.T.: 16.286 min
Delta R.T.: -0.012 min
Response: 2200696
Conc: 15.88 ug/ml



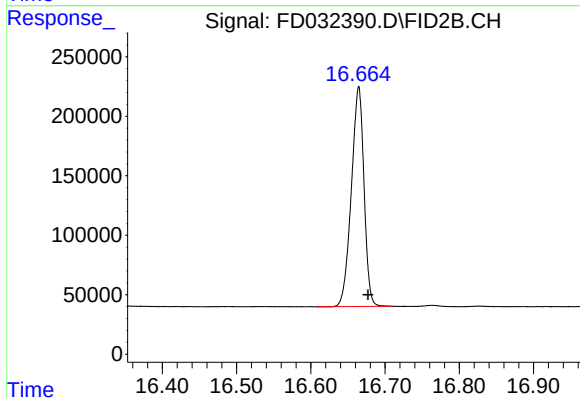
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.013 min
Response: 2209293
Conc: 16.01 ug/ml

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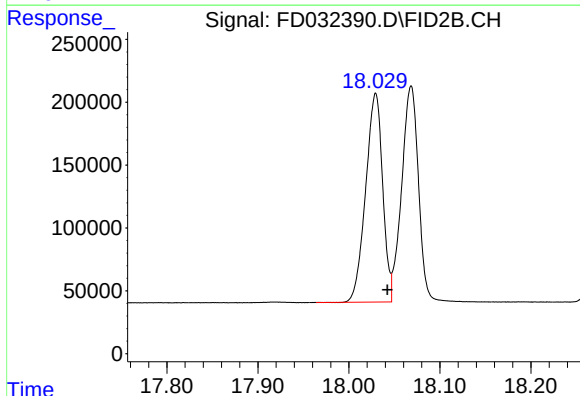
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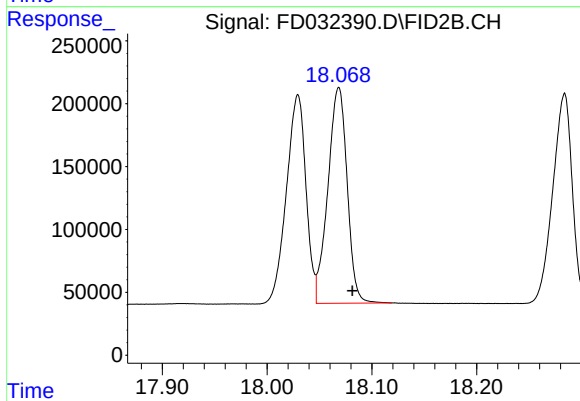
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: -0.013 min
Response: 2186986
Conc: 16.05 ug/ml



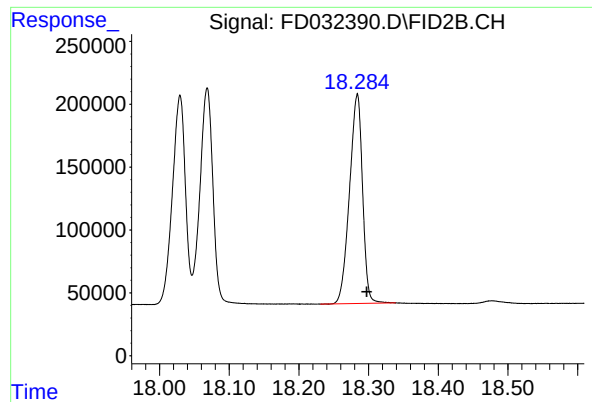
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: -0.013 min
Response: 2150820
Conc: 16.63 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.013 min
Response: 2194869
Conc: 16.81 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.014 min
Response: 2161213
Conc: 17.21 ug/ml

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