

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AR\
 Data File : FD028010.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 19:56
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC ICV

Manual Integrations
 APPROVED

Sohil
 3/1/2019 12:21:08 PM

Integration File: autoint1.e
 Quant Time: Mar 01 04:07:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 2019
 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...	7.325	2118610	20.073 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
6) S 2-Fluorobiphenyl (SURR)	8.173	1412858	20.043 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.09%
11) S ortho-Terphenyl (SURR)	11.209	2276135	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.138	2227950	21.051 ug/ml
2) T Naphthalene (C11.7)	5.663	2428119	20.686 ug/ml
3) T 2-Methylnaphthalene (...)	6.711	2424606	20.496 ug/ml
5) T Acenaphthylene (C15.06)	7.977	2307441	20.011 ug/ml
7) T Acenaphthene (C15.5)	8.271	2418527	19.908 ug/ml
8) T Fluorene (C16.55)	9.049	2367729	19.678 ug/ml
9) T Phenanthrene (C19.36)	10.433	2247816	20.117 ug/ml
10) T Anthracene (C19.43)	10.508	2226816	20.115 ug/ml
12) T Fluoranthene (C21.85)	12.234	2251337	20.748 ug/ml
13) T Pyrene (C20.8)	12.527	2212414	21.083 ug/ml
14) T Benzo[a]anthracene (C...	14.392	2190185	21.641 ug/ml
15) T Chrysene (C27.41)	14.434	2229900	21.627 ug/ml
16) T benzo[b]fluoranthene ...	15.934	2270672	21.545 ug/ml
17) T Bnezo[k]fluoranthene ...	15.967	2314785	21.495 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.309	2292994	21.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.669	2209047	21.586 ug/ml
20) T Dibenz[a,h]anthracene...	17.709	2185232	21.687 ug/ml
21) T Benzo[g,h,i]perylene ...	17.920	2299479	21.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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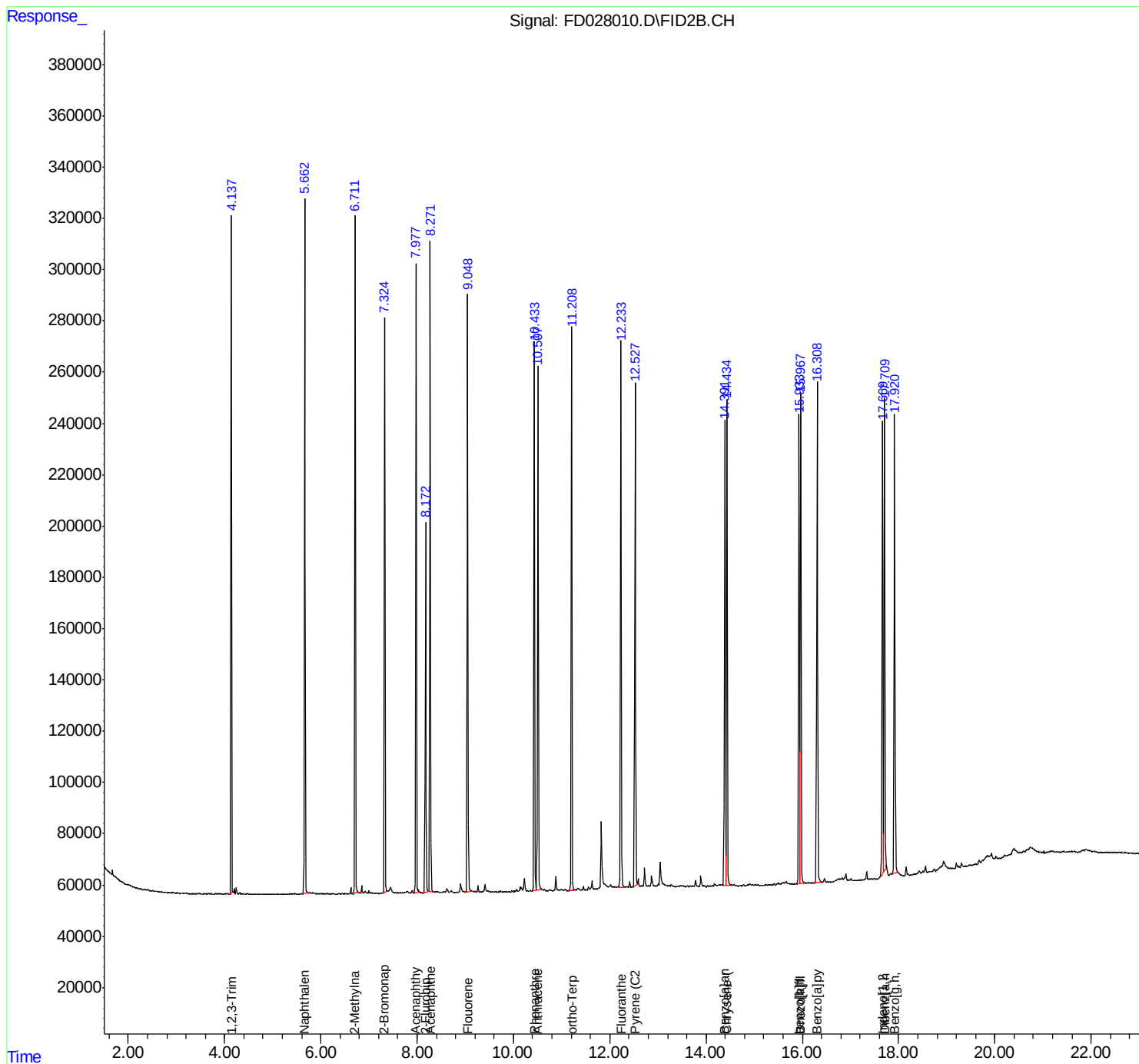
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20 PPM AROMATIC HC ICV

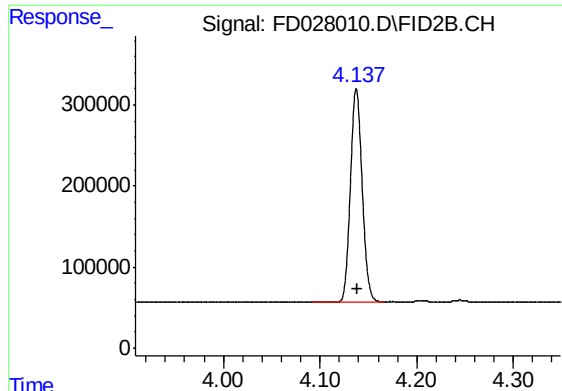
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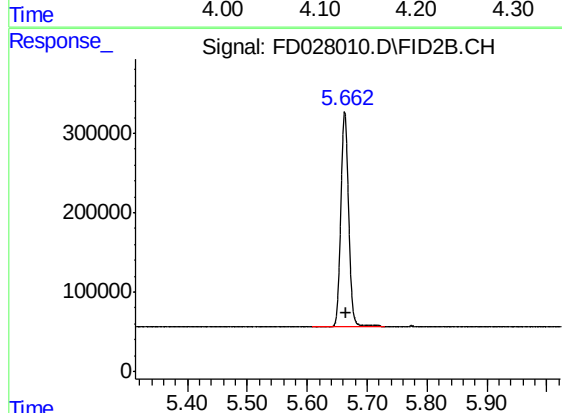
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.138 min
Delta R.T.: -0.001 min
Response: 2227950
Conc: 21.05 ug/ml

Instrument :
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20 PPM AROMATIC HC ICV

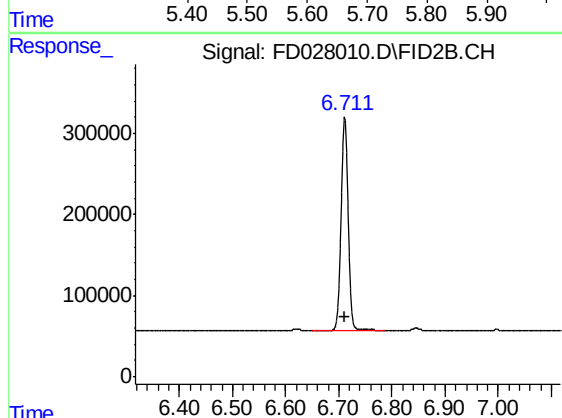
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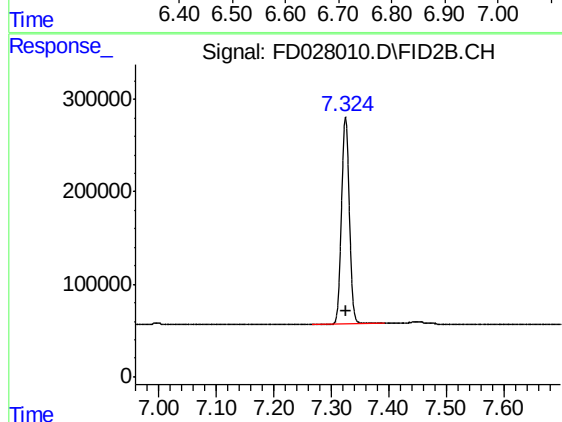
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.001 min
Response: 2428119
Conc: 20.69 ug/ml



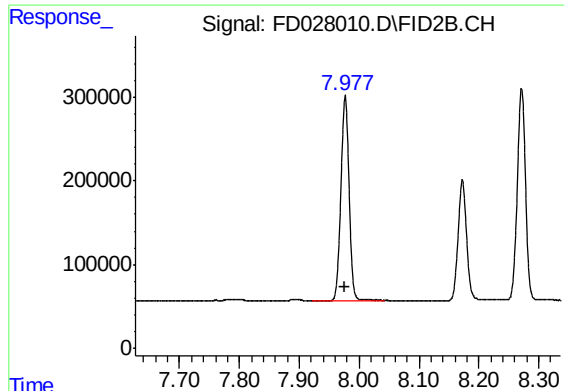
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 2424606
Conc: 20.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 2118610
Conc: 20.07 ug/ml



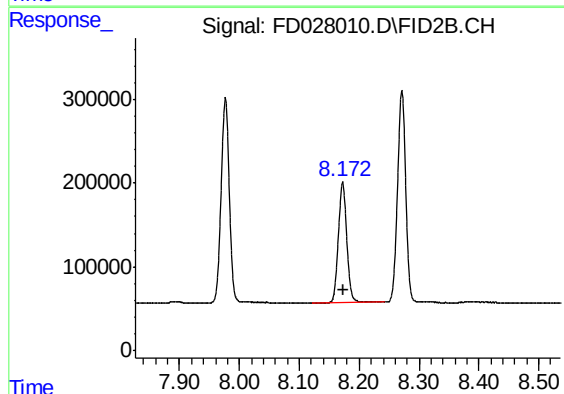
#5 Acenaphthylene (C15.06)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 2307441
Conc: 20.01 ug/ml

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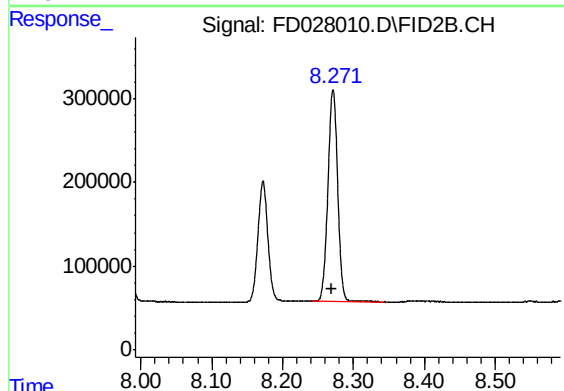
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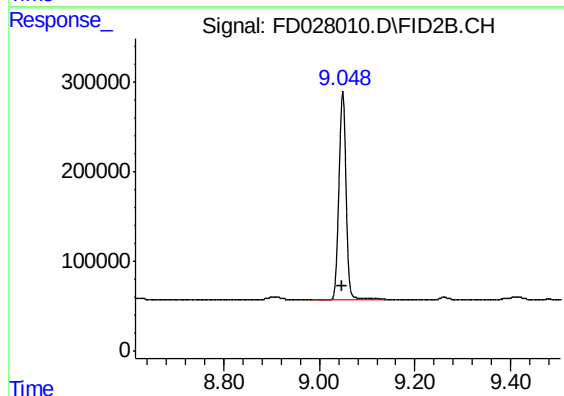
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 1412858
Conc: 20.04 ug/ml



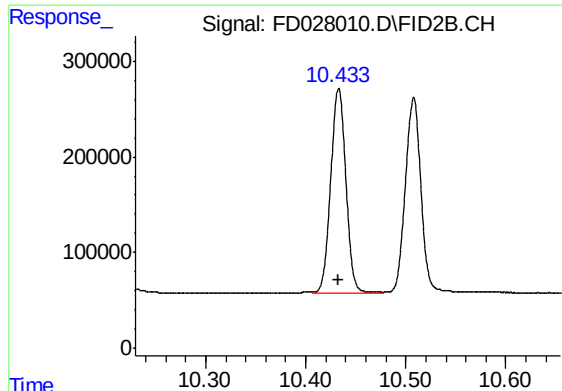
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: 0.001 min
Response: 2418527
Conc: 19.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.049 min
Delta R.T.: 0.002 min
Response: 2367729
Conc: 19.68 ug/ml



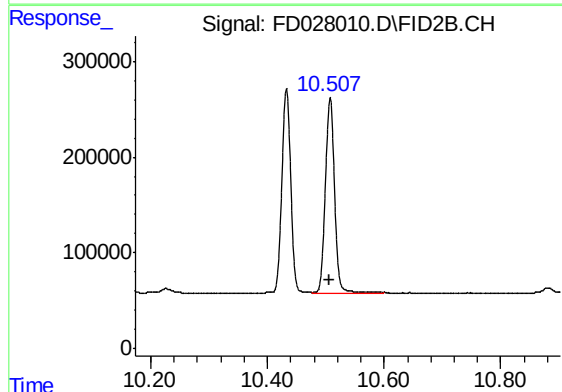
#9 Phenanthrene (C19.36)

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 2247816
Conc: 20.12 ug/ml

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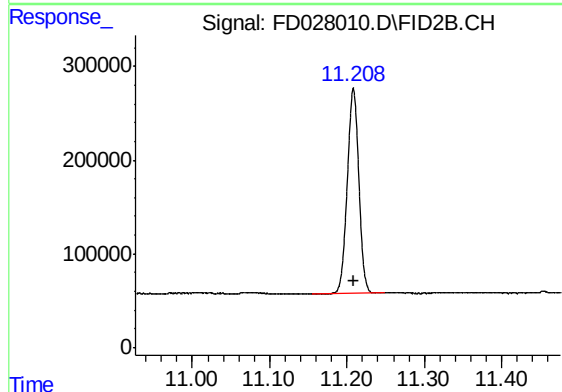
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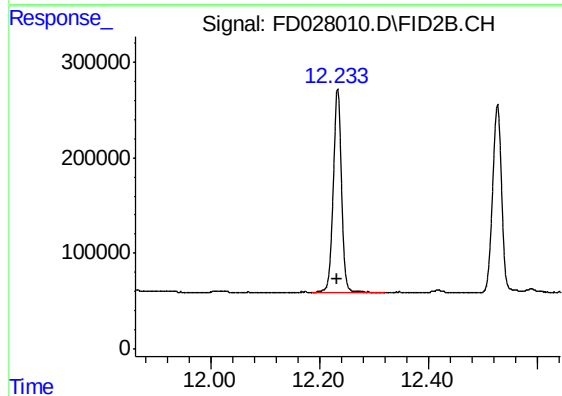
#10 Anthracene (C19.43)

R.T.: 10.508 min
Delta R.T.: 0.001 min
Response: 2226816
Conc: 20.12 ug/ml



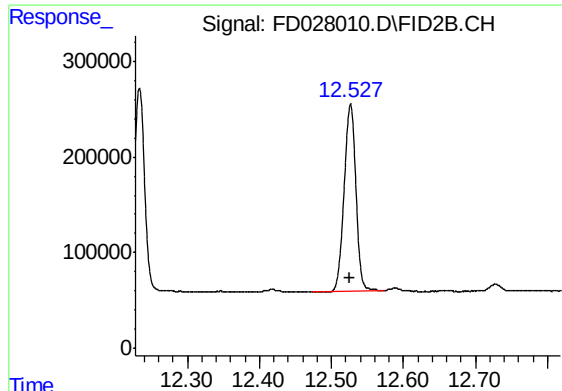
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 2276135
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.234 min
Delta R.T.: 0.000 min
Response: 2251337
Conc: 20.75 ug/ml



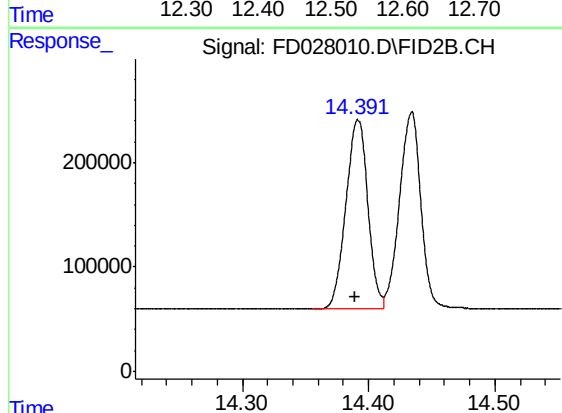
#13 Pyrene (C20.8)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 2212414
Conc: 21.08 ug/ml

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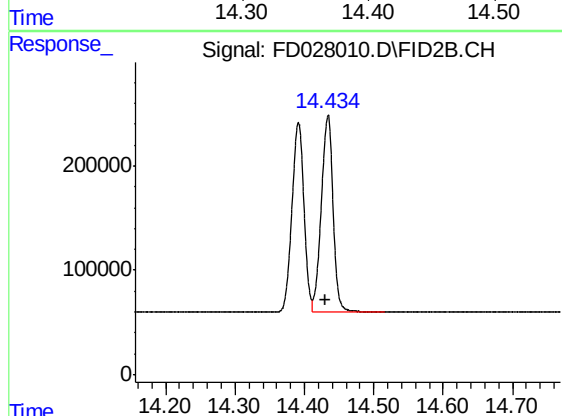
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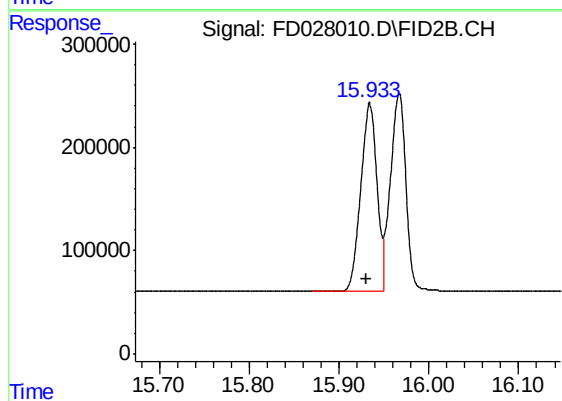
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.392 min
Delta R.T.: 0.002 min
Response: 2190185
Conc: 21.64 ug/ml



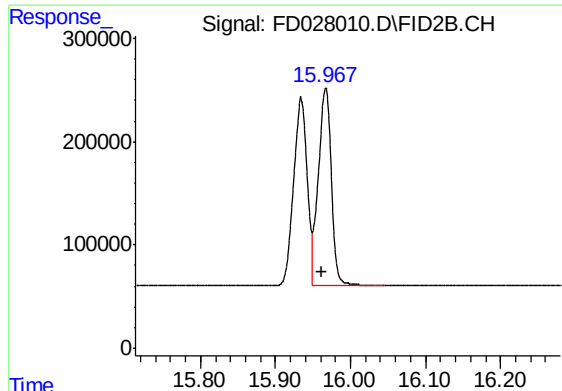
#15 Chrysene (C27.41)

R.T.: 14.434 min
Delta R.T.: 0.004 min
Response: 2229900
Conc: 21.63 ug/ml



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

R.T.: 15.934 min
Delta R.T.: 0.003 min
Response: 2270672
Conc: 21.54 ug/ml



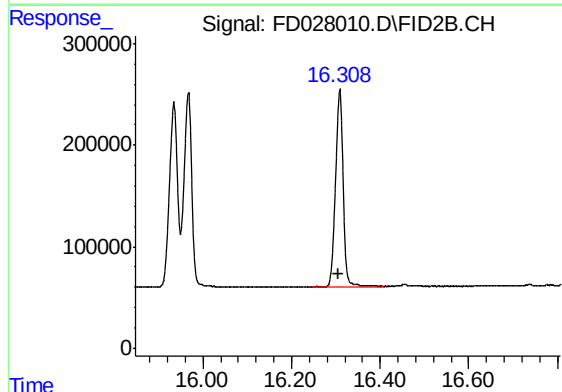
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.967 min
Delta R.T.: 0.005 min
Response: 2314785
Conc: 21.50 ug/ml

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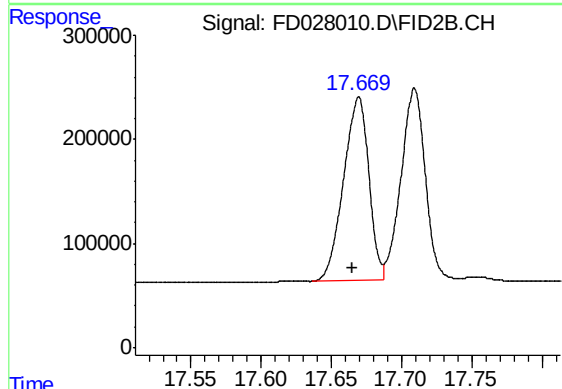
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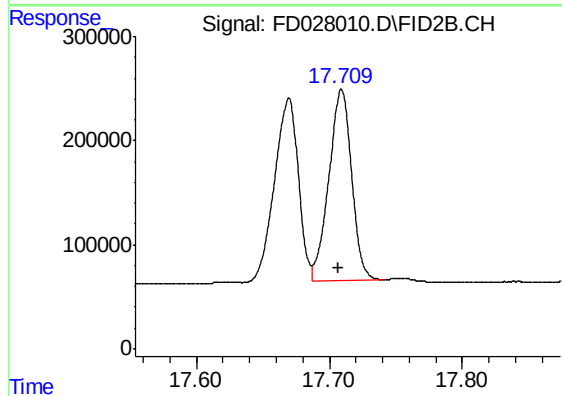
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.309 min
Delta R.T.: 0.003 min
Response: 2292994
Conc: 21.42 ug/ml



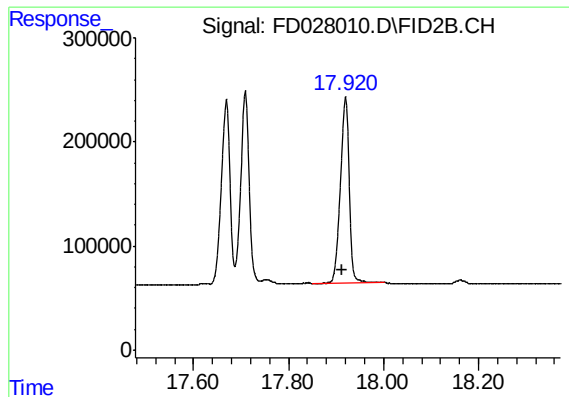
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.669 min
Delta R.T.: 0.005 min
Response: 2209047
Conc: 21.59 ug/ml m



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

R.T.: 17.709 min
Delta R.T.: 0.003 min
Response: 2185232
Conc: 21.69 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.007 min
Response: 2299479
Conc: 21.28 ug/ml

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