

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036501.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2021 4:39
 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
 4/5/2021 12:51:22 PM

Integration File: autoint1.e
 Quant Time: Mar 23 05:47:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.595	2213614	18.780 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
6) S 2-Fluorobiphenyl (SURR)	8.455	1542854	18.539 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.08%
11) S ortho-Terphenyl (SURR)	11.495	2551292	18.109 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2412592	19.243 ug/ml
2) T Naphthalene (C11.7)	5.933	2579648	19.037 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	2580036	18.894 ug/ml
5) T Acenaphthylene (C15.06)	8.258	2496316	18.554 ug/ml
7) T Acenaphthene (C15.5)	8.554	2585303	18.678 ug/ml
8) T Flouorene (C16.55)	9.333	2507097	18.371 ug/ml
9) T Phenanthrene (C19.36)	10.727	2498747	18.136 ug/ml
10) T Anthracene (C19.43)	10.801	2386148	17.773 ug/ml
12) T Fluoranthene (C21.85)	12.535	2473784	17.813 ug/ml
13) T Pyrene (C20.8)	12.832	2438824	17.789 ug/ml
14) T Benzo[a]anthracene (C...	14.699	2222293	17.570 ug/ml
15) T Chrysene (C27.41)	14.741	2287699	17.666 ug/ml
16) T benzo[b]fluoranthene ...	16.247	2217373	18.219 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.278	2144195	18.209 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	2023475	18.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	2098226	18.964 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	2121310	19.169 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2134801	19.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 52 Sample Multiplier: 1

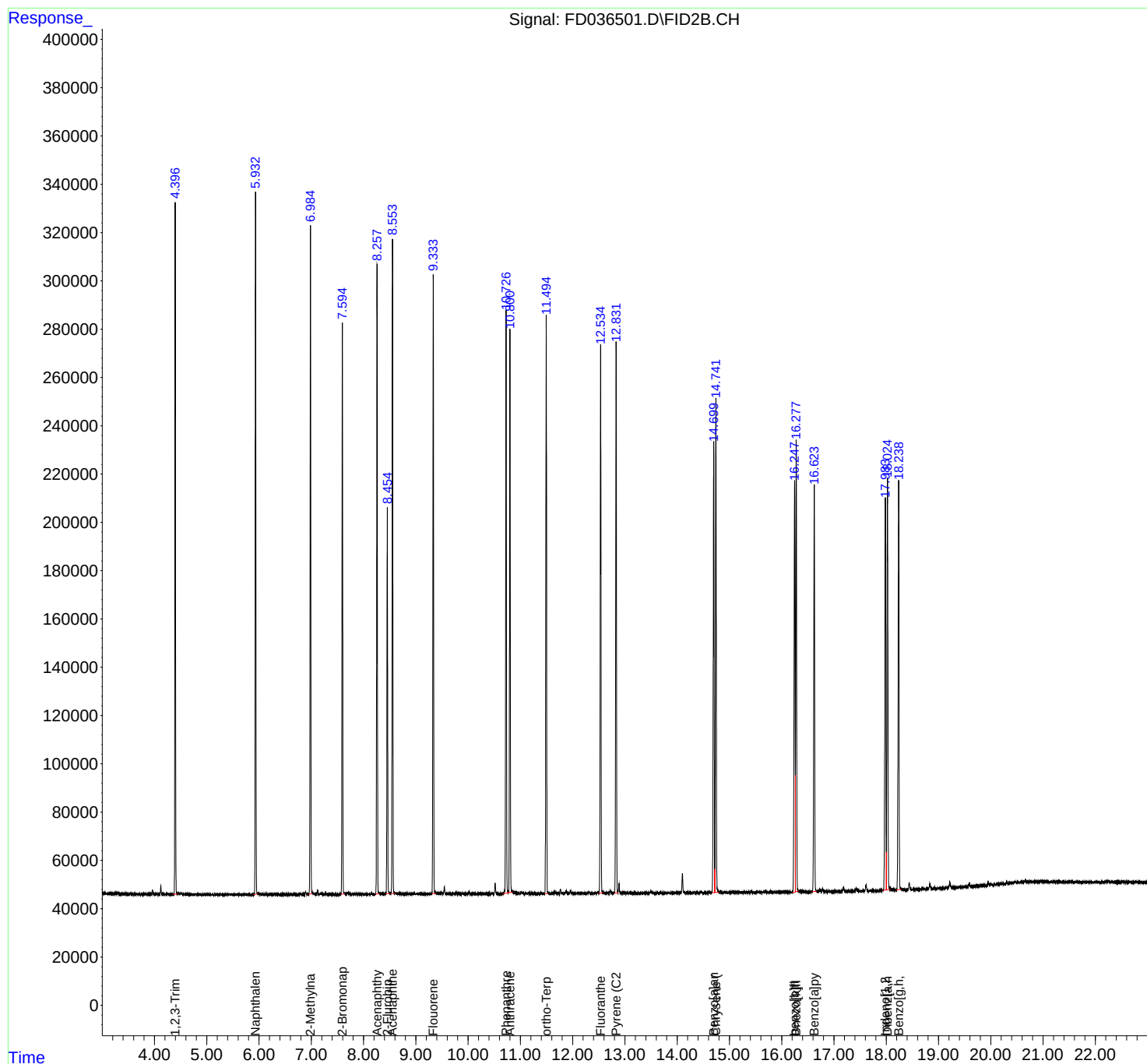
Instrument :
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20 PPM AROMATIC HC STD

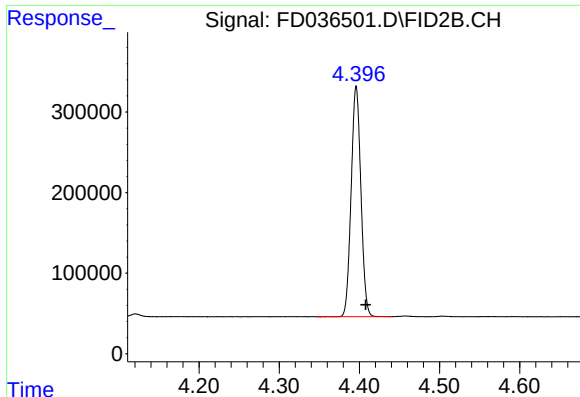
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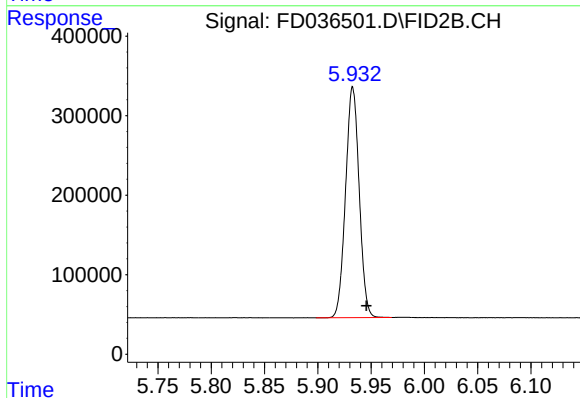
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.012 min
Response: 2412592
Conc: 19.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

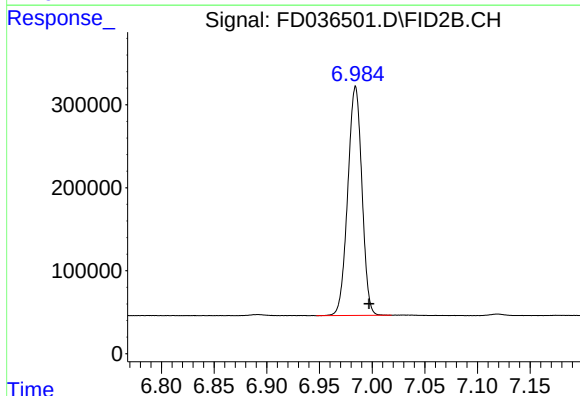
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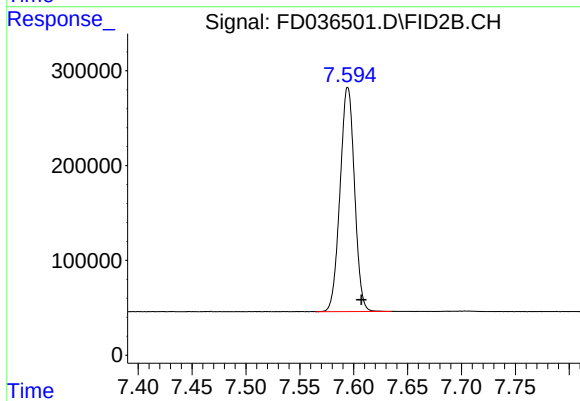
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.013 min
Response: 2579648
Conc: 19.04 ug/ml



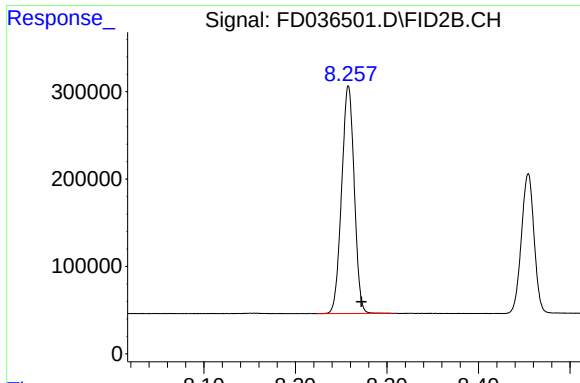
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.013 min
Response: 2580036
Conc: 18.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.595 min
Delta R.T.: -0.013 min
Response: 2213614
Conc: 18.78 ug/ml



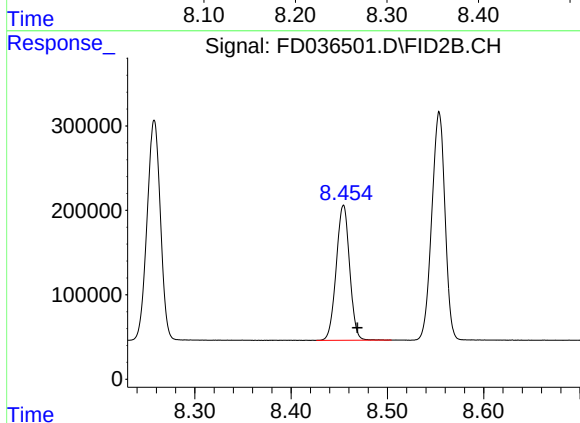
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: -0.014 min
Response: 2496316
Conc: 18.55 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

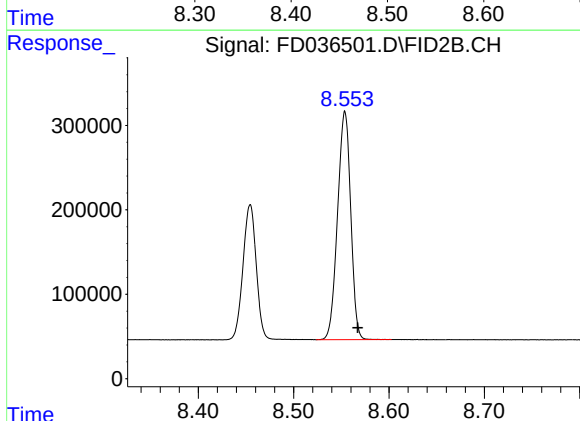
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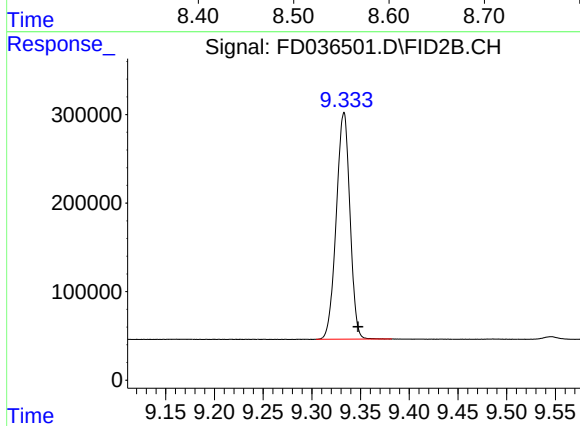
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.014 min
Response: 1542854
Conc: 18.54 ug/ml



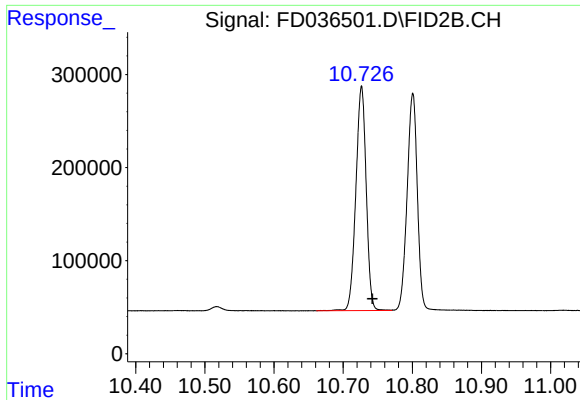
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: -0.013 min
Response: 2585303
Conc: 18.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.333 min
Delta R.T.: -0.014 min
Response: 2507097
Conc: 18.37 ug/ml



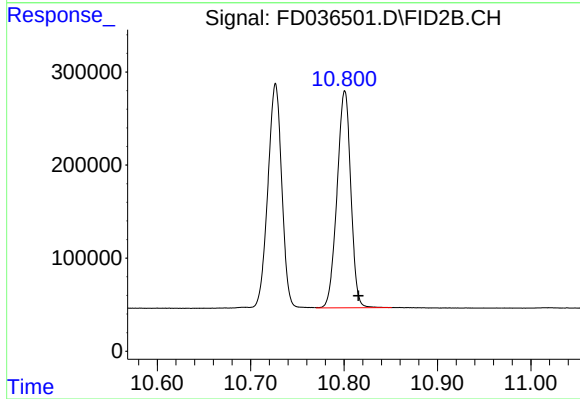
#9 Phenanthrene (C19.36)

R.T.: 10.727 min
Delta R.T.: -0.016 min
Response: 2498747
Conc: 18.14 ug/ml

Instrument :
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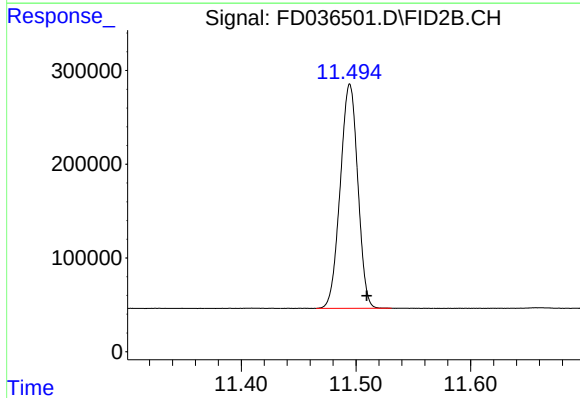
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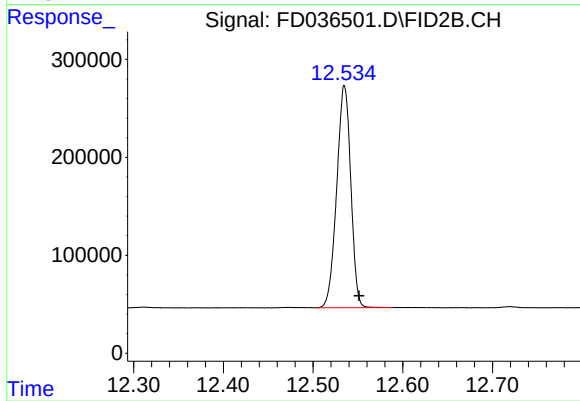
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: -0.015 min
Response: 2386148
Conc: 17.77 ug/ml



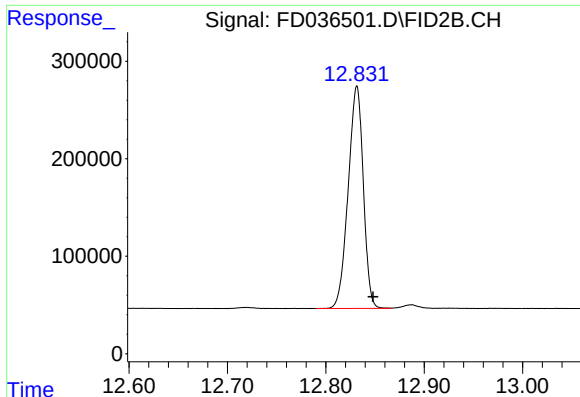
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: -0.015 min
Response: 2551292
Conc: 18.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: -0.016 min
Response: 2473784
Conc: 17.81 ug/ml



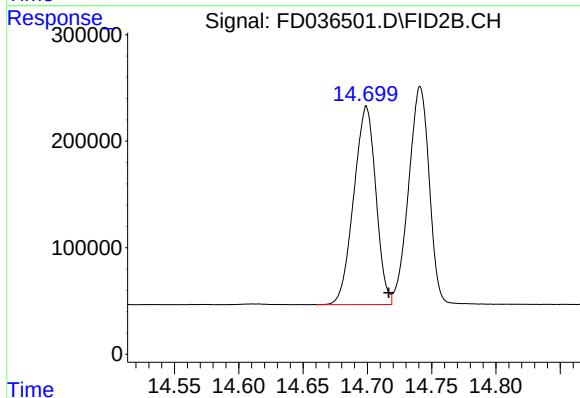
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.017 min
Response: 2438824
Conc: 17.79 ug/ml

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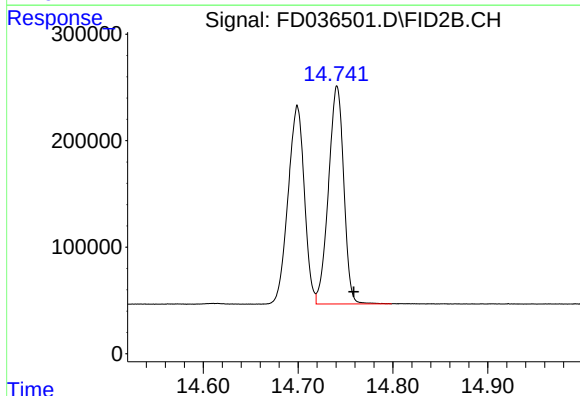
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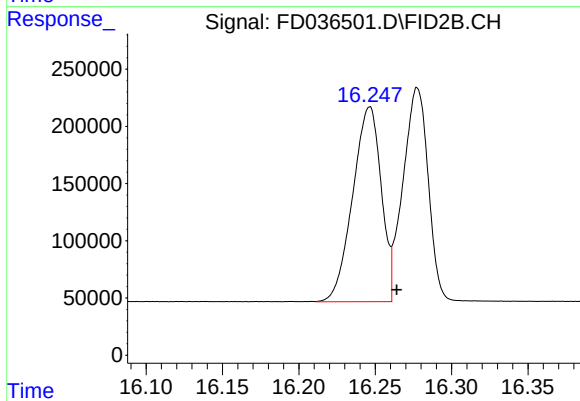
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.017 min
Response: 2222293
Conc: 17.57 ug/ml



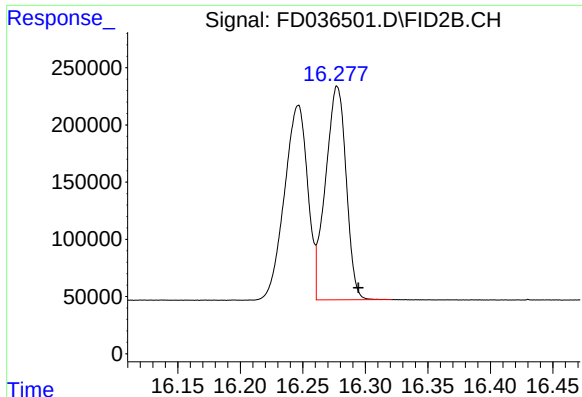
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: -0.018 min
Response: 2287699
Conc: 17.67 ug/ml



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

R.T.: 16.247 min
Delta R.T.: -0.017 min
Response: 2217373
Conc: 18.22 ug/ml m



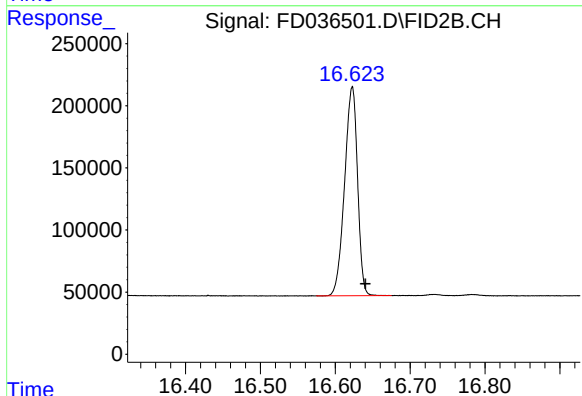
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: -0.017 min
Response: 2144195
Conc: 18.21 ug/ml

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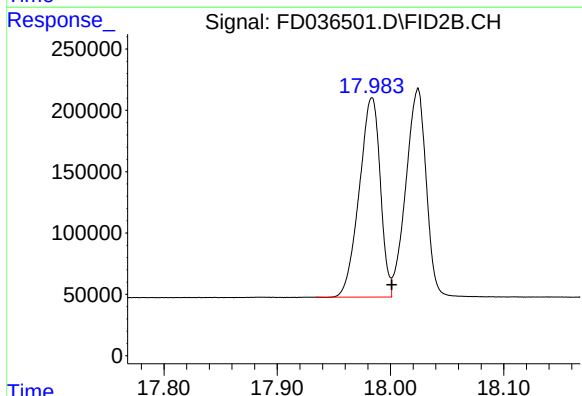
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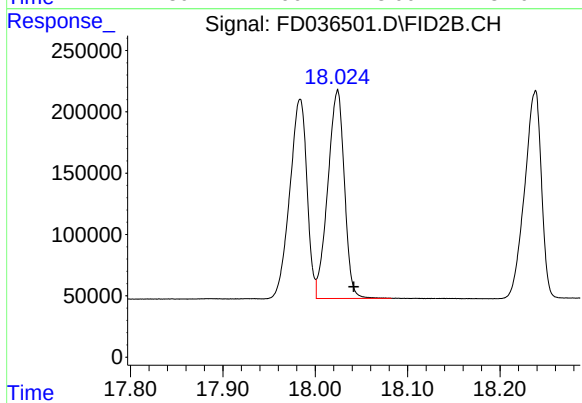
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.018 min
Response: 2023475
Conc: 18.35 ug/ml



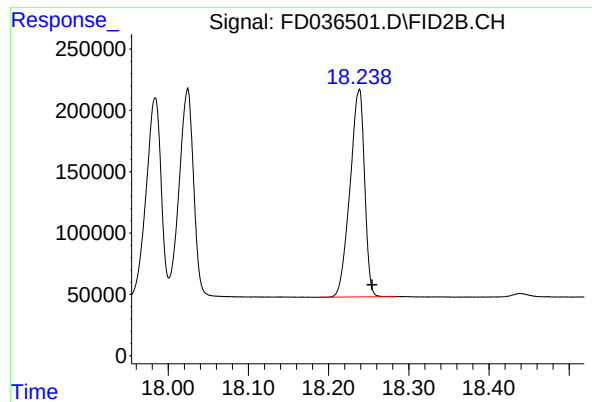
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: -0.018 min
Response: 2098226
Conc: 18.96 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.018 min
Response: 2121310
Conc: 19.17 ug/ml



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

R.T.: 18.238 min
Delta R.T.: -0.016 min
Response: 2134801
Conc: 19.31 ug/ml

Instrument :
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