

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022420AR\
 Data File : FD032417.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2020 2:28
 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

Manual Integrations
 APPROVED

Sohil
 2/26/2020 9:18:51 AM

Integration File: autoint1.e
 Quant Time: Feb 25 07:06:45 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...	7.626	2525936	18.176 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
6) S 2-Fluorobiphenyl (SURR)	8.487	1695368	17.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.75%
11) S ortho-Terphenyl (SURR)	11.524	2564632	17.290 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	2752984	19.010 ug/mlm
2) T Naphthalene (C11.7)	5.967	2844174	18.663 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	2787005	18.422 ug/ml
5) T Acenaphthylene (C15.06)	8.291	2578590	17.499 ug/ml
7) T Acenaphthene (C15.5)	8.586	2703393	17.902 ug/ml
8) T Flouorene (C16.55)	9.365	2645819	17.679 ug/ml
9) T Phenanthrene (C19.36)	10.760	2574665	17.023 ug/ml
10) T Anthracene (C19.43)	10.834	2320809	15.646 ug/ml
12) T Fluoranthene (C21.85)	12.569	2489015	16.529 ug/ml
13) T Pyrene (C20.8)	12.866	2448846	16.404 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2281888	16.068 ug/ml
15) T Chrysene (C27.41)	14.778	2338222	16.357 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2287773	16.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	2290545	16.596 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	2263313	16.612 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	2220156	17.164 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	2290990	17.551 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	2240056	17.836 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

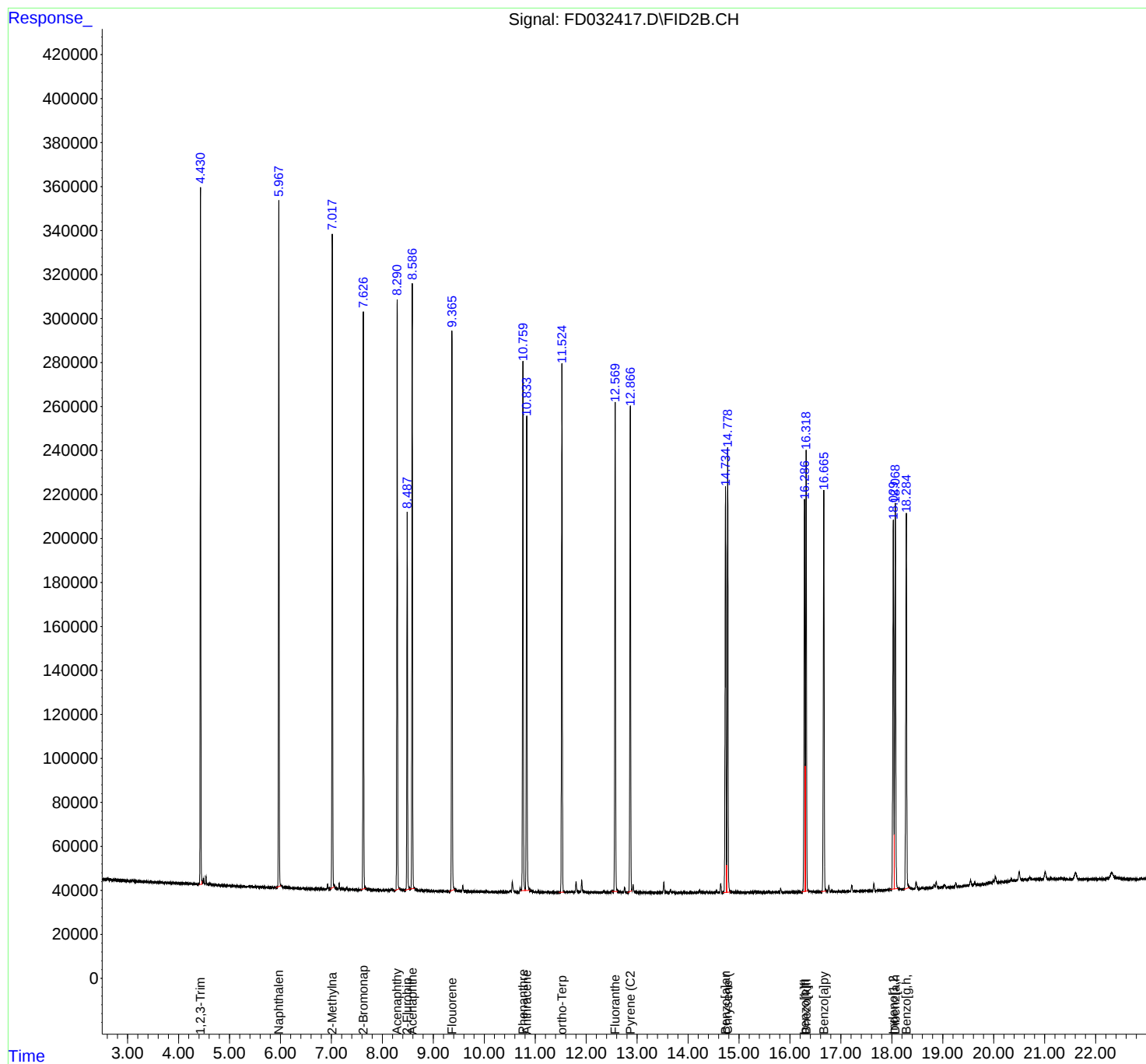
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20 PPM AROMATIC HC STD

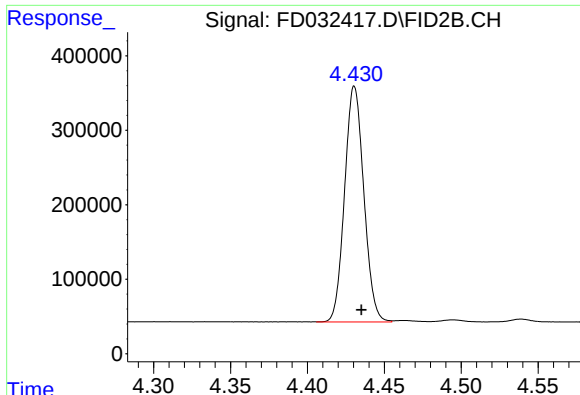
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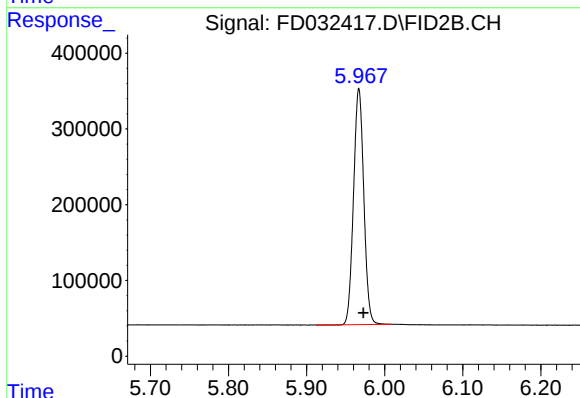
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.005 min
Response: 2752984
Conc: 19.01 ug/ml m

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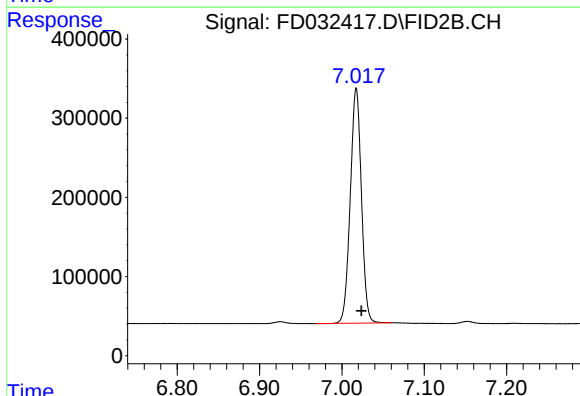
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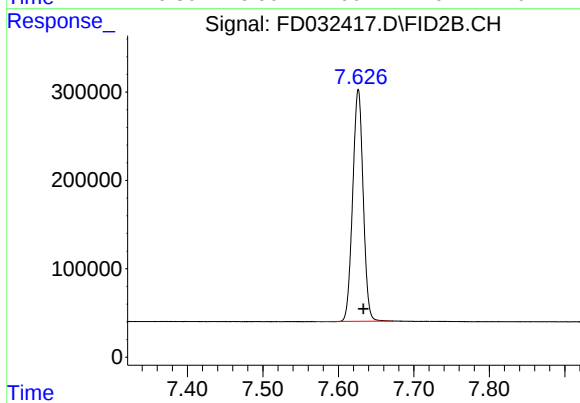
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.006 min
Response: 2844174
Conc: 18.66 ug/ml



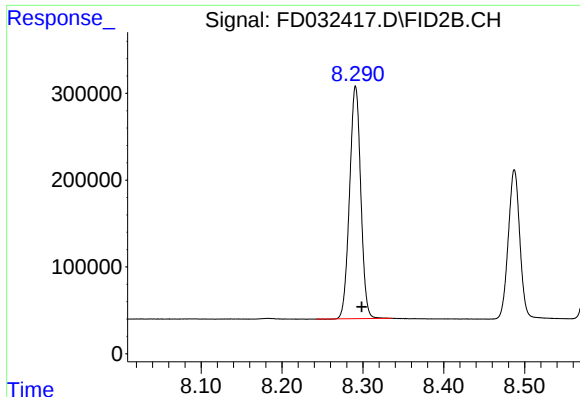
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 2787005
Conc: 18.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 2525936
Conc: 18.18 ug/ml



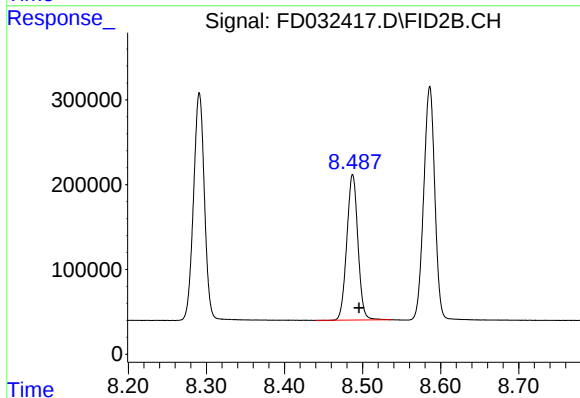
#5 Acenaphthylene (C15.06)

R.T.: 8.291 min
Delta R.T.: -0.008 min
Response: 2578590
Conc: 17.50 ug/ml

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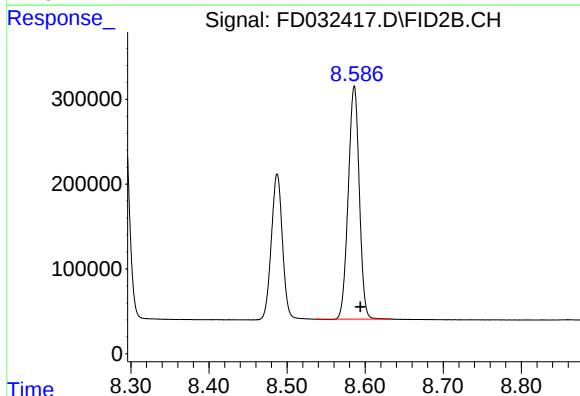
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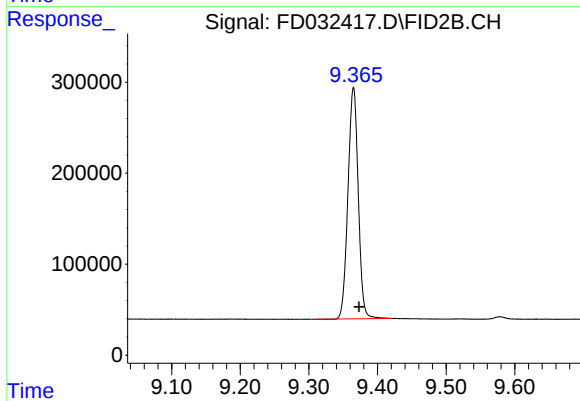
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: -0.008 min
Response: 1695368
Conc: 17.88 ug/ml



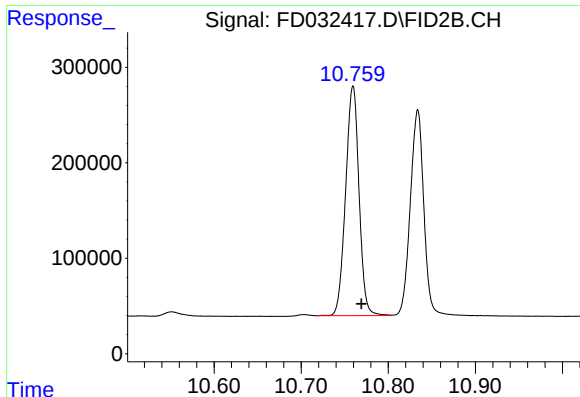
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: -0.008 min
Response: 2703393
Conc: 17.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.008 min
Response: 2645819
Conc: 17.68 ug/ml



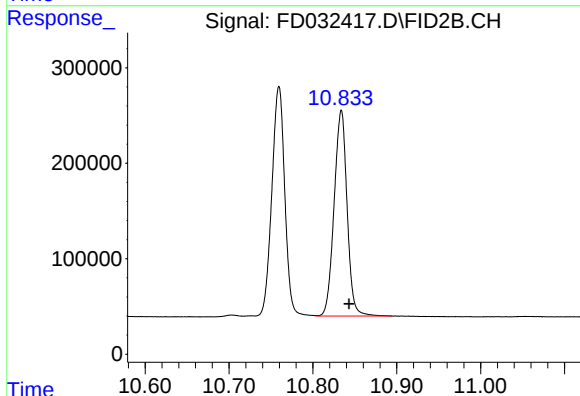
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.010 min
Response: 2574665
Conc: 17.02 ug/ml

Instrument :
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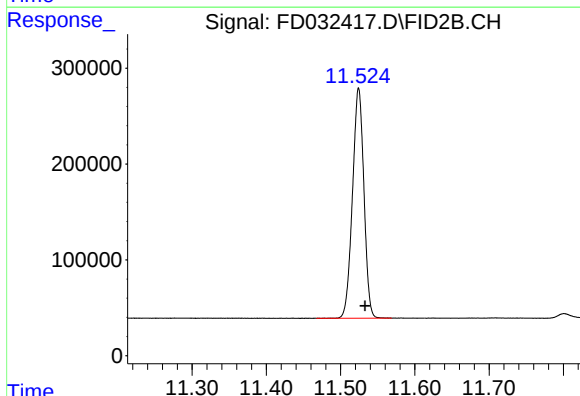
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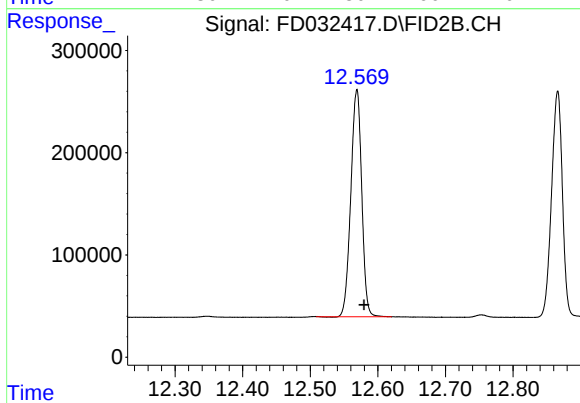
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: -0.009 min
Response: 2320809
Conc: 15.65 ug/ml



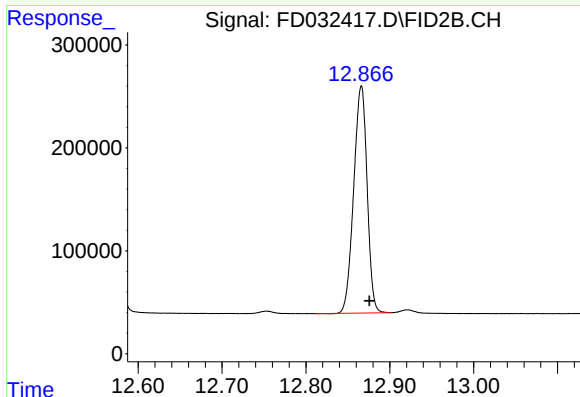
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 2564632
Conc: 17.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: -0.010 min
Response: 2489015
Conc: 16.53 ug/ml



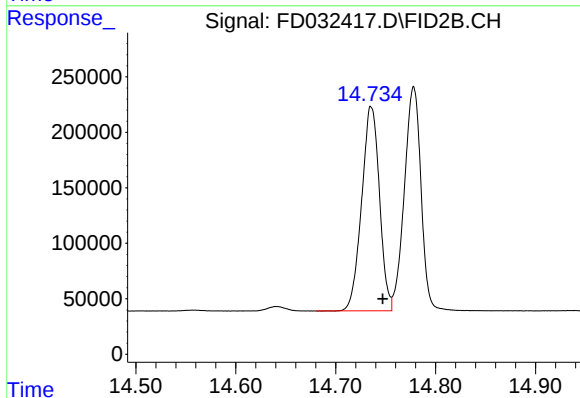
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: -0.010 min
Response: 2448846
Conc: 16.40 ug/ml

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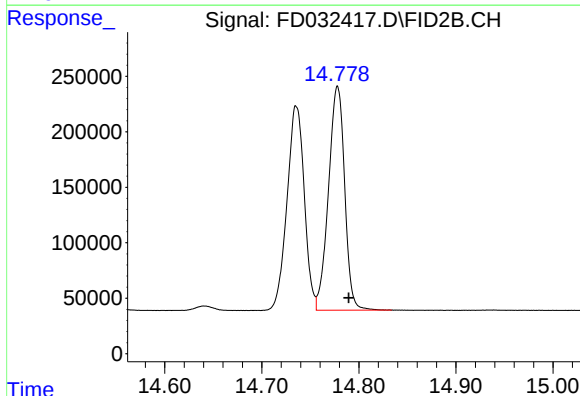
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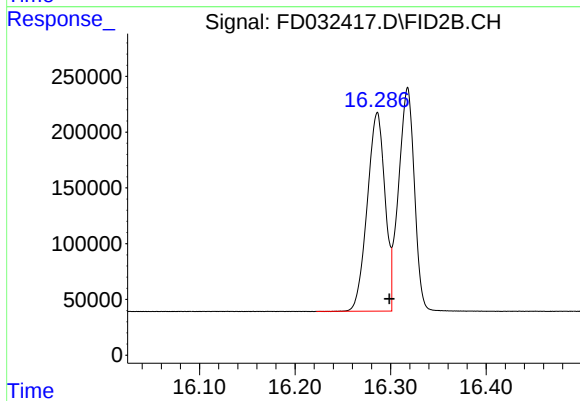
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.012 min
Response: 2281888
Conc: 16.07 ug/ml



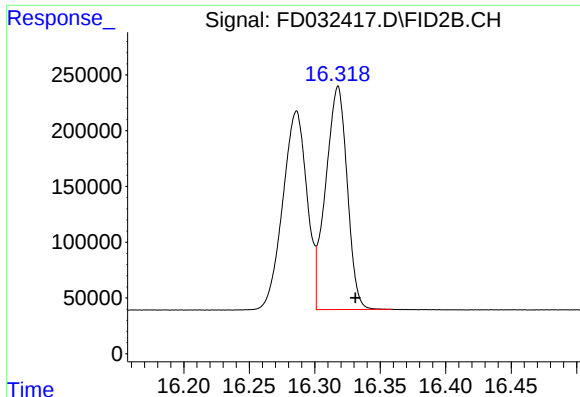
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.011 min
Response: 2338222
Conc: 16.36 ug/ml



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

R.T.: 16.286 min
Delta R.T.: -0.013 min
Response: 2287773
Conc: 16.51 ug/ml



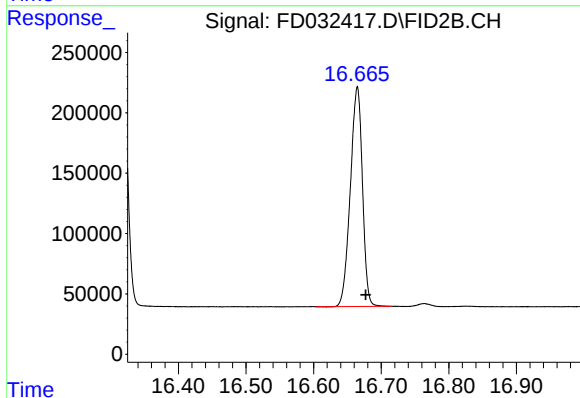
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.013 min
Response: 2290545
Conc: 16.60 ug/ml

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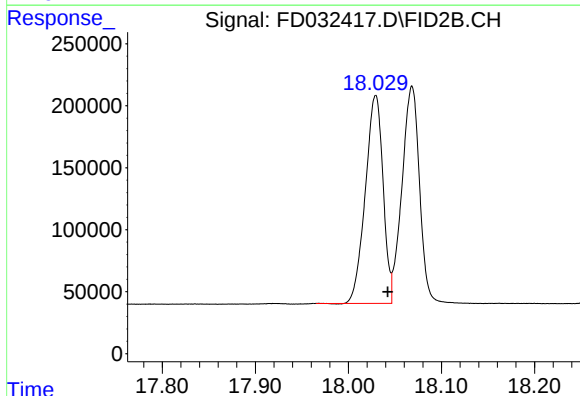
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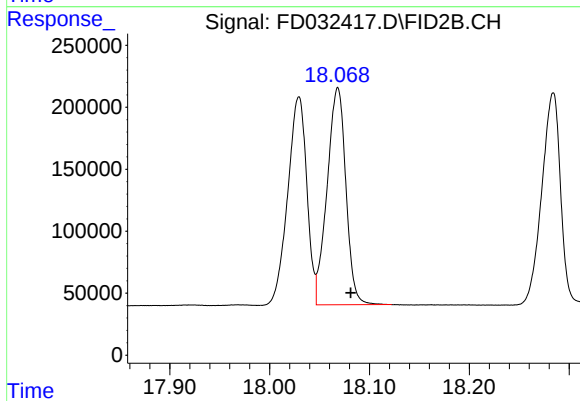
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: -0.012 min
Response: 2263313
Conc: 16.61 ug/ml



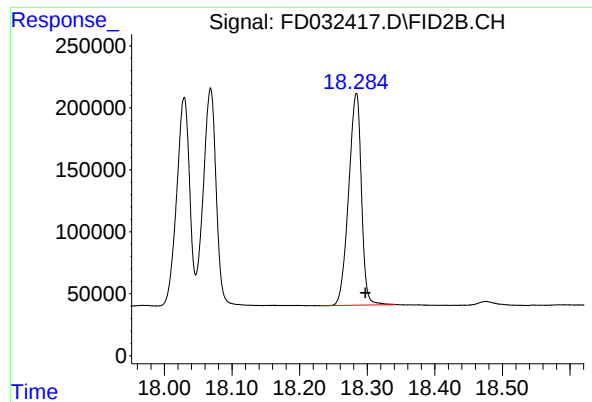
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: -0.013 min
Response: 2220156
Conc: 17.16 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.013 min
Response: 2290990
Conc: 17.55 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.013 min
Response: 2240056
Conc: 17.84 ug/ml

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