

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022520AR\
 Data File : FD032420.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2020 9:36
 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 9:20:40 AM

Integration File: autoint1.e
 Quant Time: Feb 26 00:30:07 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	2604802	18.744 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
6) S 2-Fluorobiphenyl (SURR)	8.487	1747546	18.428 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.86%
11) S ortho-Terphenyl (SURR)	11.524	2612736	17.615 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	2848993	19.673 ug/mlm
2) T Naphthalene (C11.7)	5.966	2942159	19.306 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	2871269	18.979 ug/ml
5) T Acenaphthylene (C15.06)	8.290	2646542	17.961 ug/ml
7) T Acenaphthene (C15.5)	8.585	2782277	18.424 ug/ml
8) T Flouorene (C16.55)	9.364	2711775	18.120 ug/ml
9) T Phenanthrene (C19.36)	10.759	2626537	17.366 ug/ml
10) T Anthracene (C19.43)	10.833	2358126	15.898 ug/ml
12) T Fluoranthene (C21.85)	12.568	2517208	16.716 ug/ml
13) T Pyrene (C20.8)	12.866	2478354	16.601 ug/ml
14) T Benzo[a]anthracene (C...	14.734	2301327	16.205 ug/ml
15) T Chrysene (C27.41)	14.777	2363709	16.535 ug/ml
16) T benzo[b]fluoranthene ...	16.283	2322284	16.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	2318170	16.796 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	2292760	16.828 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	2258811	17.463 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2341299	17.936 ug/ml
21) T Benzo[g,h,i]perylene ...	18.281	2275734	18.120 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

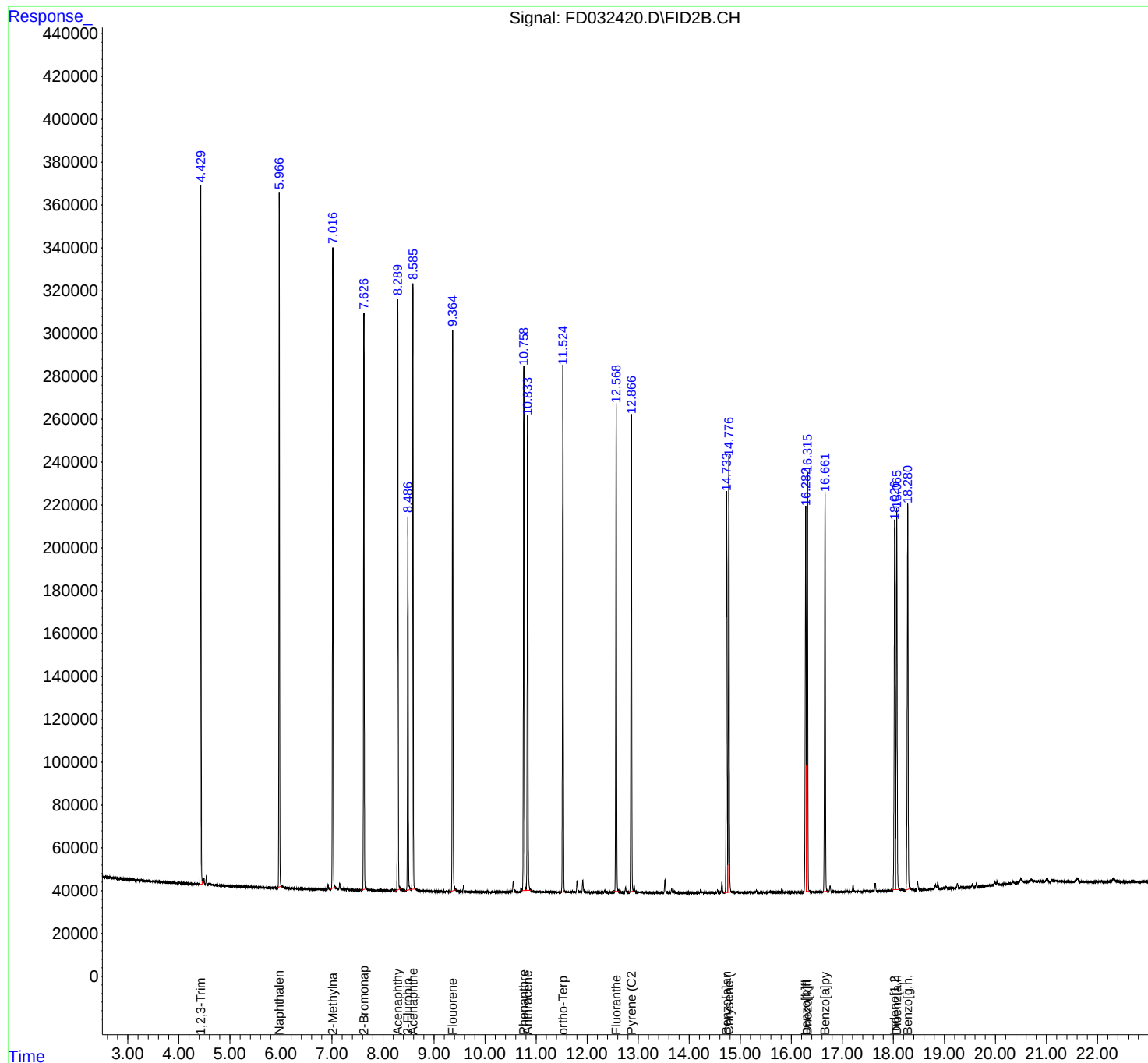
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20 PPM AROMATIC HC STD

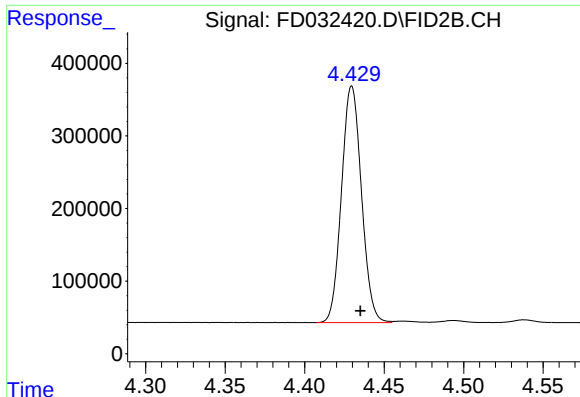
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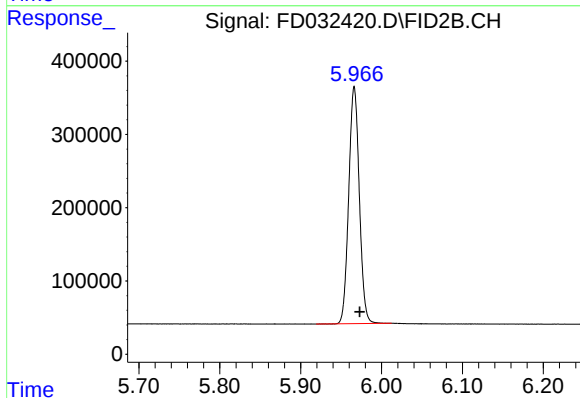
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.006 min
Response: 2848993
Conc: 19.67 ug/ml m

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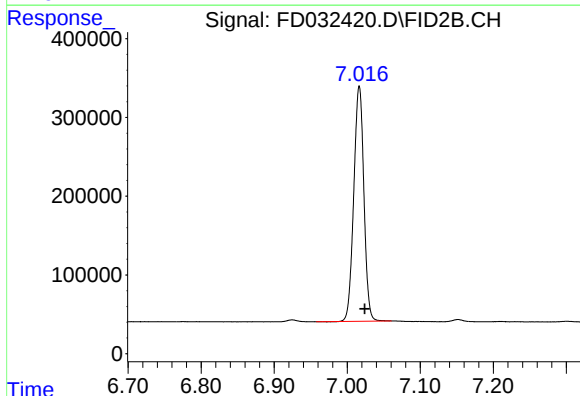
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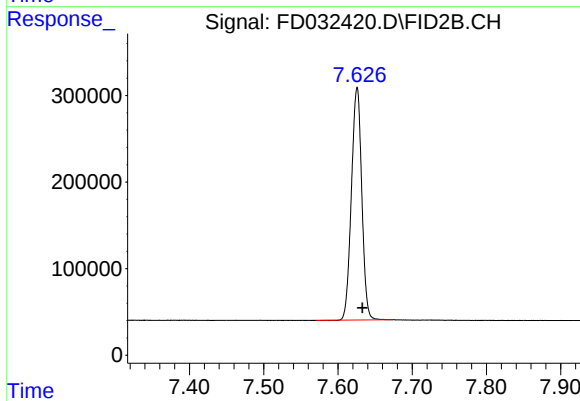
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 2942159
Conc: 19.31 ug/ml



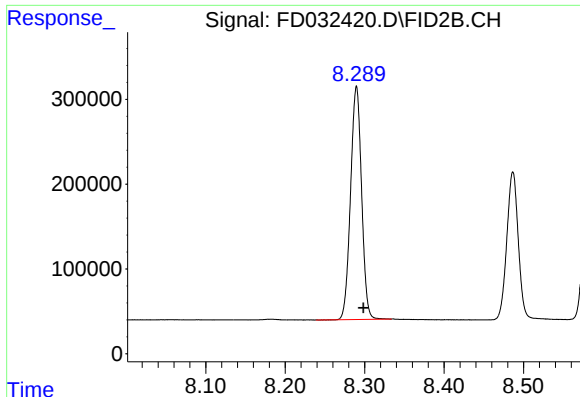
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 2871269
Conc: 18.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 2604802
Conc: 18.74 ug/ml



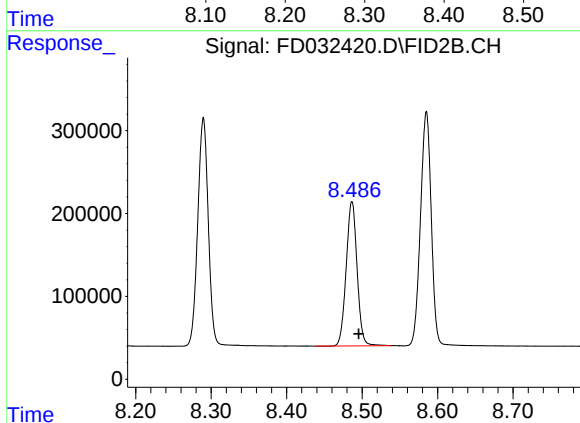
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: -0.009 min
Response: 2646542
Conc: 17.96 ug/ml

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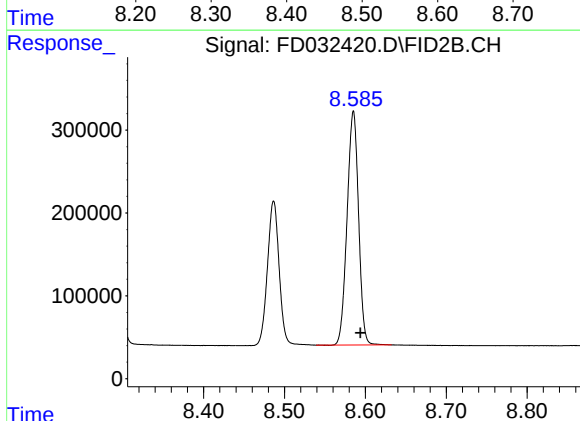
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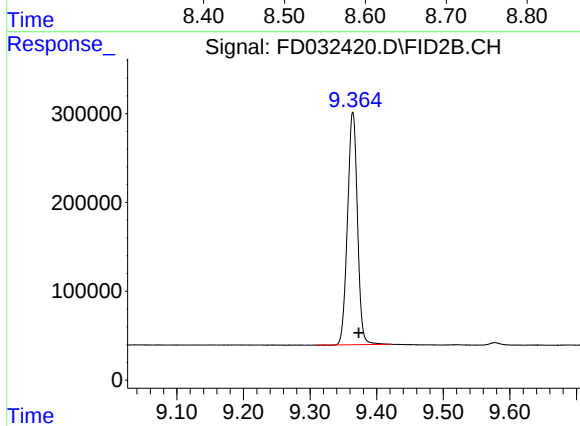
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: -0.009 min
Response: 1747546
Conc: 18.43 ug/ml



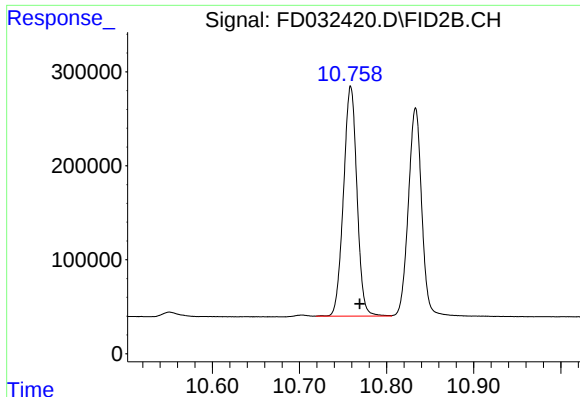
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.009 min
Response: 2782277
Conc: 18.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.009 min
Response: 2711775
Conc: 18.12 ug/ml



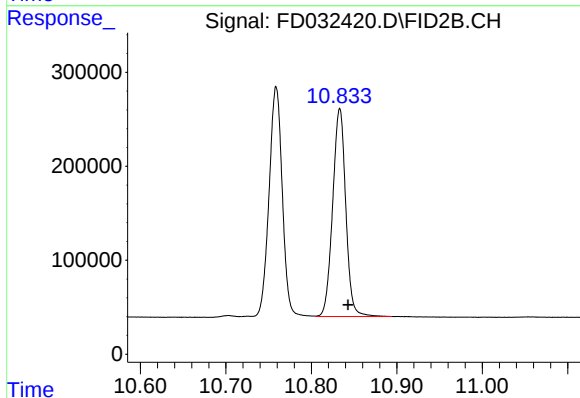
#9 Phenanthrene (C19.36)

R.T.: 10.759 min
Delta R.T.: -0.010 min
Response: 2626537
Conc: 17.37 ug/ml

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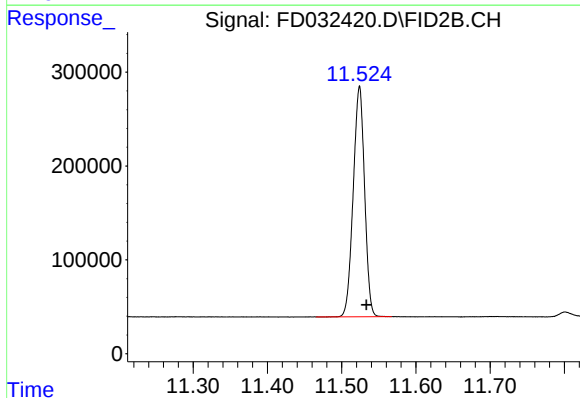
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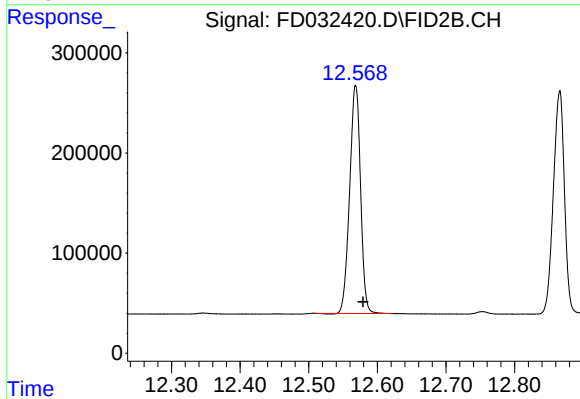
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: -0.010 min
Response: 2358126
Conc: 15.90 ug/ml



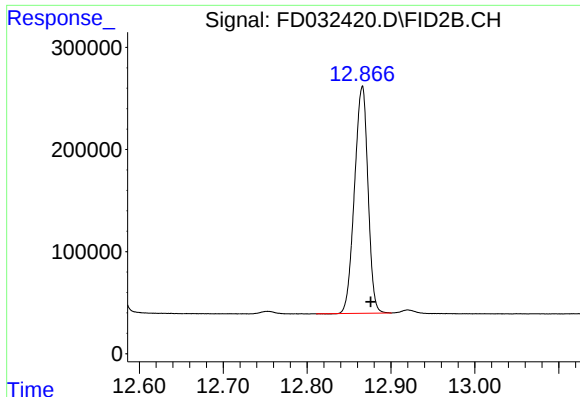
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 2612736
Conc: 17.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.568 min
Delta R.T.: -0.011 min
Response: 2517208
Conc: 16.72 ug/ml



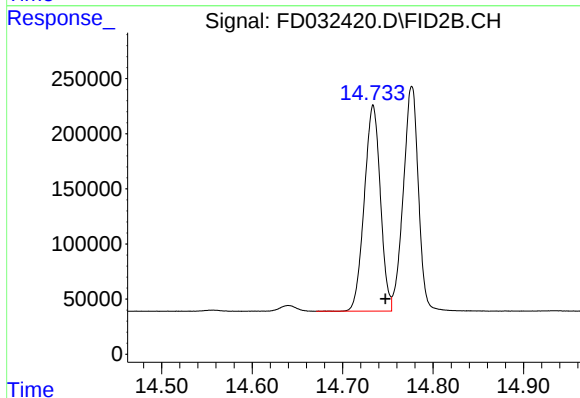
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: -0.010 min
Response: 2478354
Conc: 16.60 ug/ml

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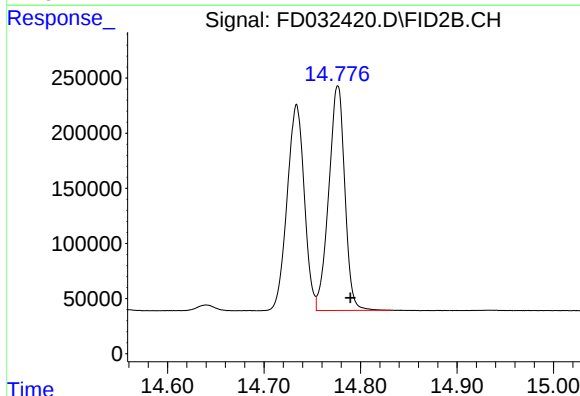
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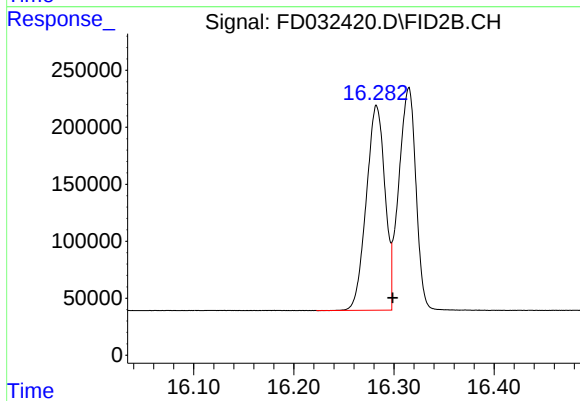
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.013 min
Response: 2301327
Conc: 16.20 ug/ml



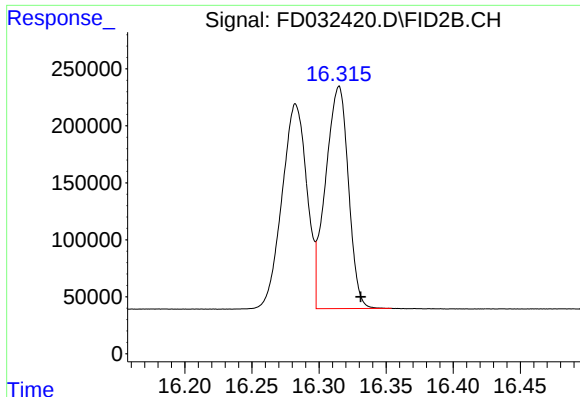
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.013 min
Response: 2363709
Conc: 16.54 ug/ml



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

R.T.: 16.283 min
Delta R.T.: -0.016 min
Response: 2322284
Conc: 16.76 ug/ml



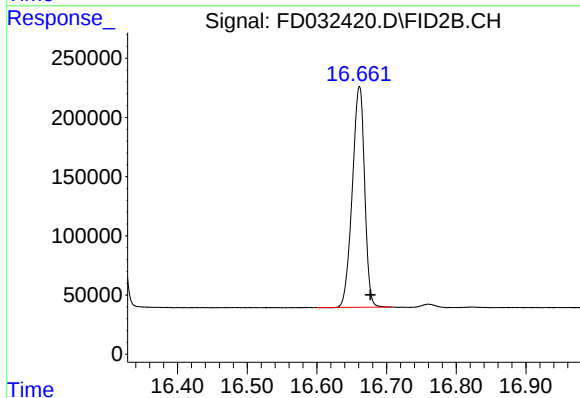
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.315 min
Delta R.T.: -0.016 min
Response: 2318170
Conc: 16.80 ug/ml

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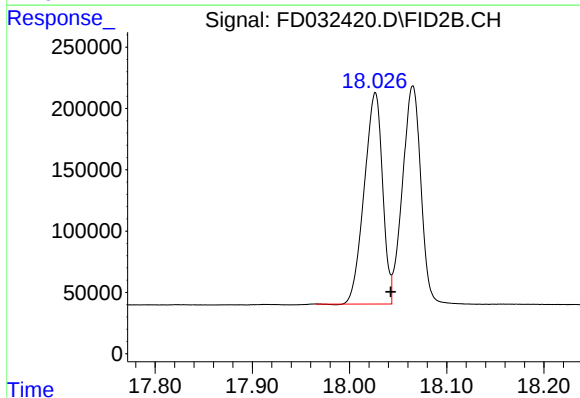
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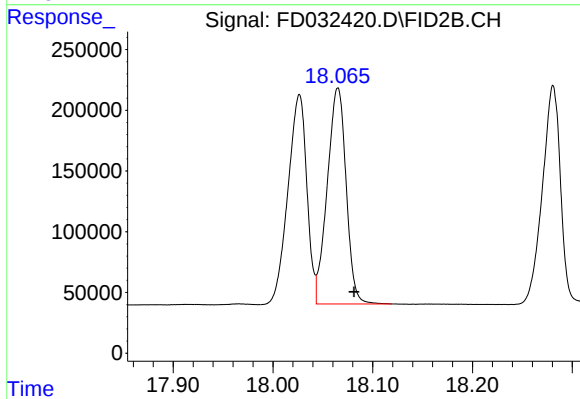
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: -0.016 min
Response: 2292760
Conc: 16.83 ug/ml



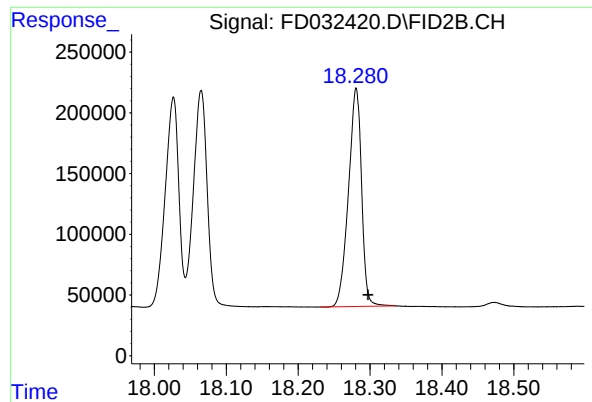
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: -0.016 min
Response: 2258811
Conc: 17.46 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.016 min
Response: 2341299
Conc: 17.94 ug/ml



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

R.T.: 18.281 min
Delta R.T.: -0.017 min
Response: 2275734
Conc: 18.12 ug/ml

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