

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032234.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 9:38
 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
 2/3/2020 2:39:16 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:42:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.634	2185461	19.441 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
6) S 2-Fluorobiphenyl (SURR)	8.496	1473937	18.910 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.82%
11) S ortho-Terphenyl (SURR)	11.533	2281550	18.382 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2363819	20.871 ug/ml
2) T Naphthalene (C11.7)	5.975	2454191	20.177 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2403436	19.624 ug/ml
5) T Acenaphthylene (C15.06)	8.300	2236802	18.688 ug/ml
7) T Acenaphthene (C15.5)	8.595	2352584	19.024 ug/ml
8) T Flouorene (C16.55)	9.375	2312286	18.513 ug/ml
9) T Phenanthrene (C19.36)	10.769	2279334	18.054 ug/ml
10) T Anthracene (C19.43)	10.843	1941690	15.509 ug/ml
12) T Fluoranthene (C21.85)	12.579	2275259	17.777 ug/ml
13) T Pyrene (C20.8)	12.877	2247862	17.860 ug/ml
14) T Benzo[a]anthracene (C...	14.747	2156102	17.656 ug/ml
15) T Chrysene (C27.41)	14.789	2203480	17.905 ug/ml
16) T benzo[b]fluoranthene ...	16.297	2222290	18.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.329	2197853	18.166 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.676	2198700	18.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	2176306	18.943 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	2168389	18.543 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.297	2178253	19.117 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
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ALS Vial : 52 Sample Multiplier: 1

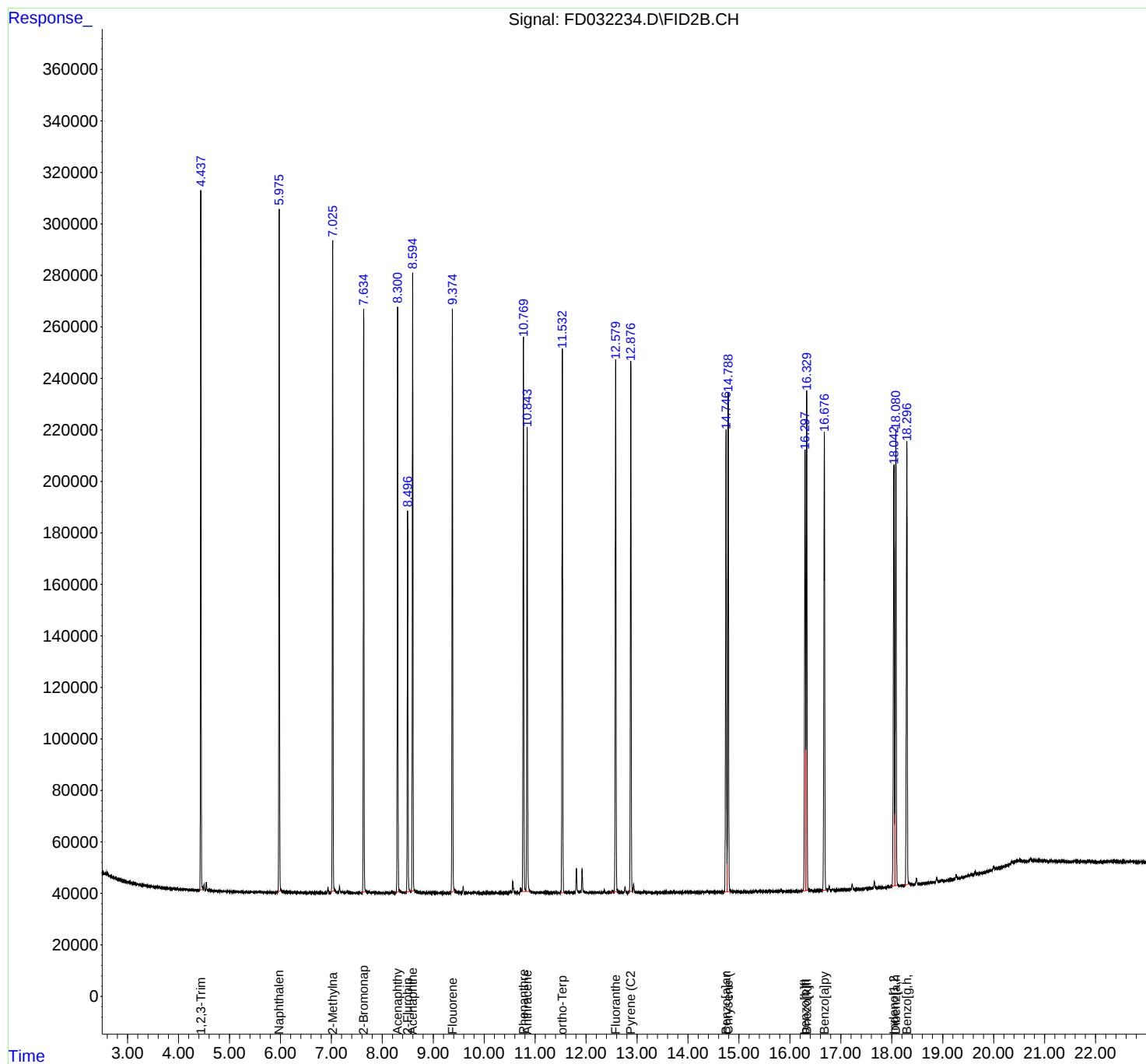
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20 PPM AROMATIC HC STD

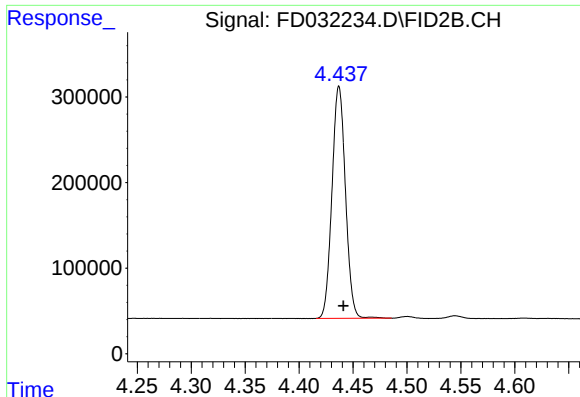
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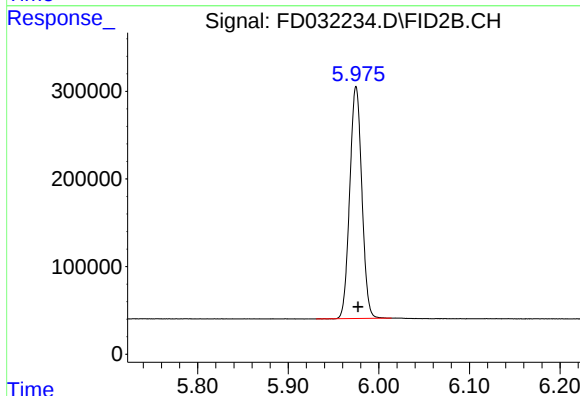
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 2363819
Conc: 20.87 ug/ml

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20 PPM AROMATIC HC STD

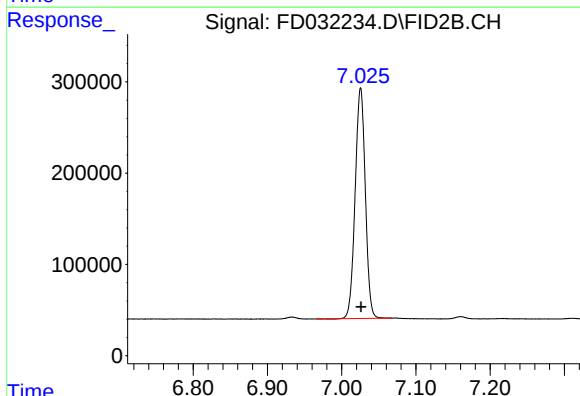
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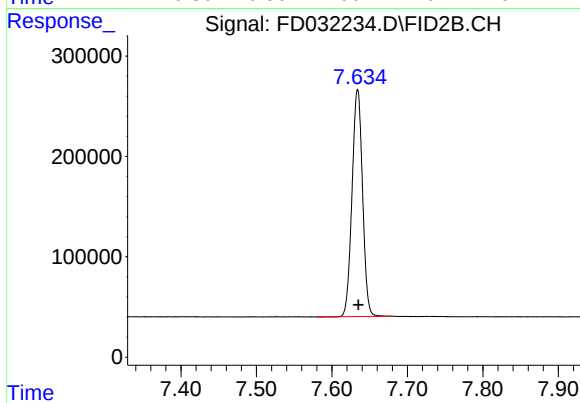
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2454191
Conc: 20.18 ug/ml



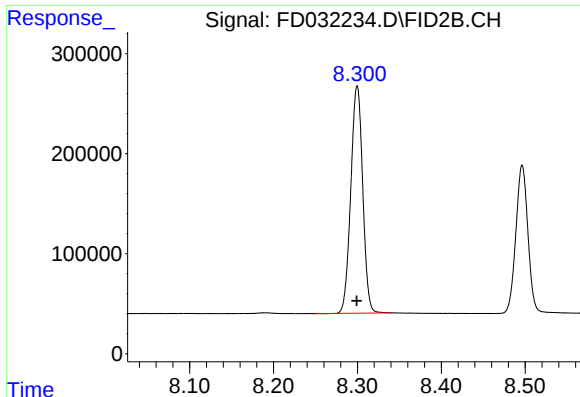
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2403436
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.634 min
Delta R.T.: -0.001 min
Response: 2185461
Conc: 19.44 ug/ml



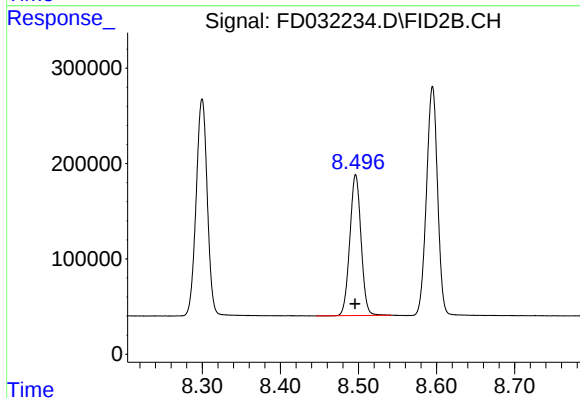
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 2236802
Conc: 18.69 ug/ml

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20 PPM AROMATIC HC STD

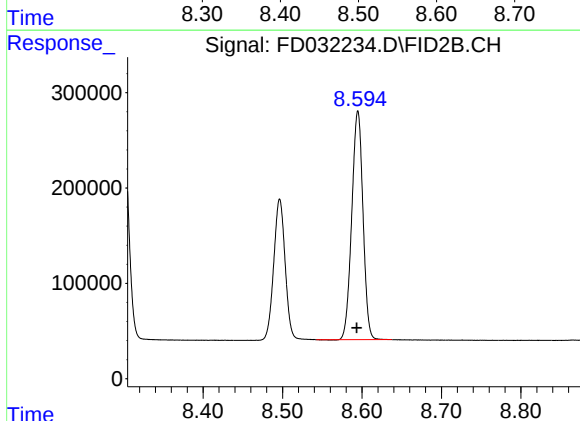
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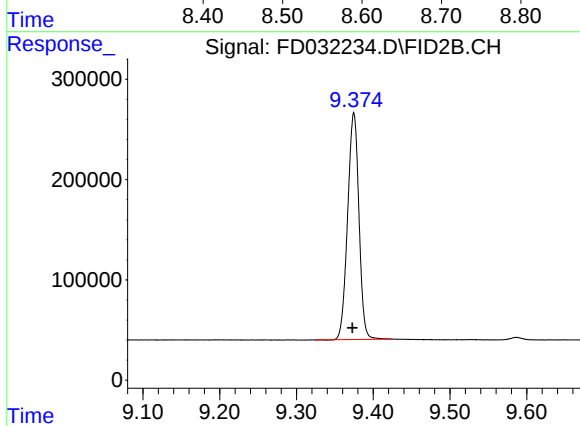
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 1473937
Conc: 18.91 ug/ml



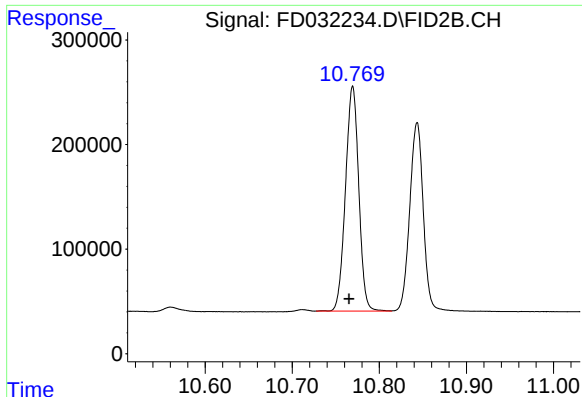
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: 0.002 min
Response: 2352584
Conc: 19.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 2312286
Conc: 18.51 ug/ml



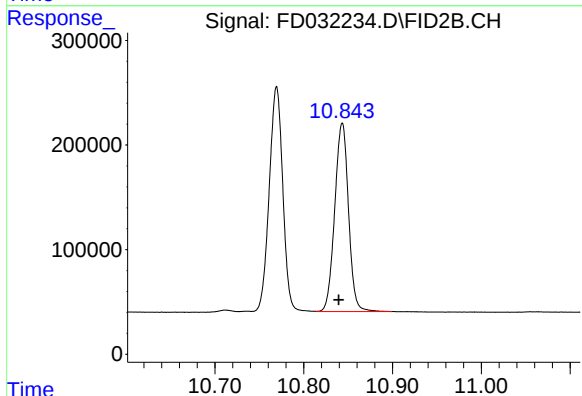
#9 Phenanthrene (C19.36)

R.T.: 10.769 min
Delta R.T.: 0.004 min
Response: 2279334
Conc: 18.05 ug/ml

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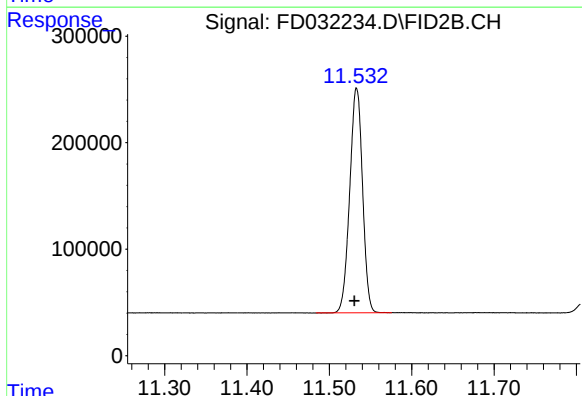
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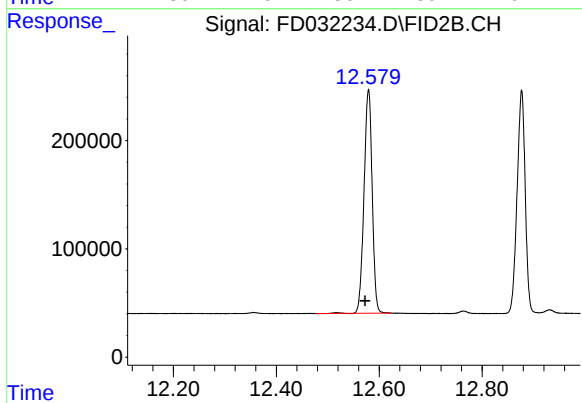
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.004 min
Response: 1941690
Conc: 15.51 ug/ml



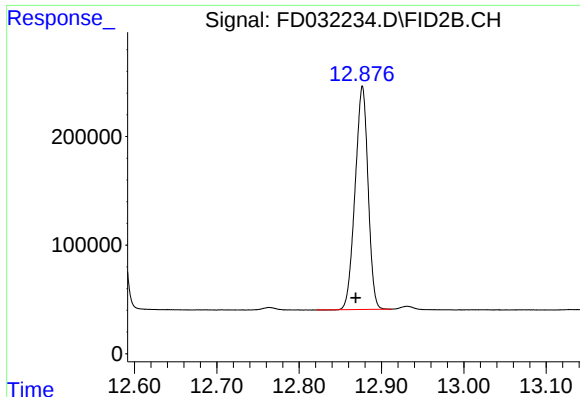
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.003 min
Response: 2281550
Conc: 18.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: 0.007 min
Response: 2275259
Conc: 17.78 ug/ml



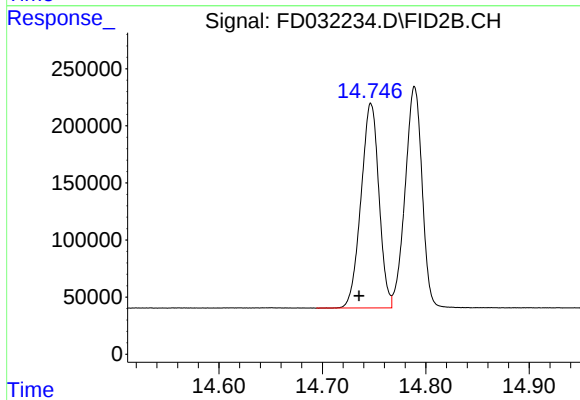
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: 0.008 min
Response: 2247862
Conc: 17.86 ug/ml

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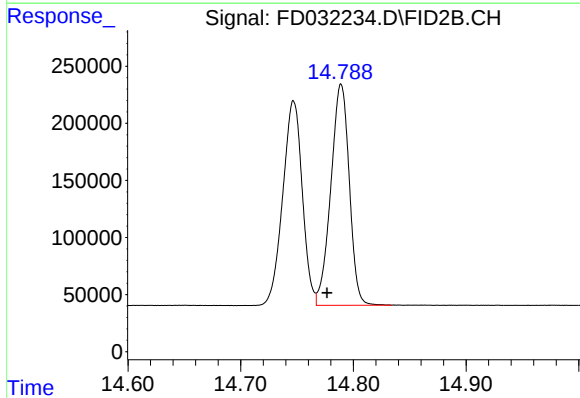
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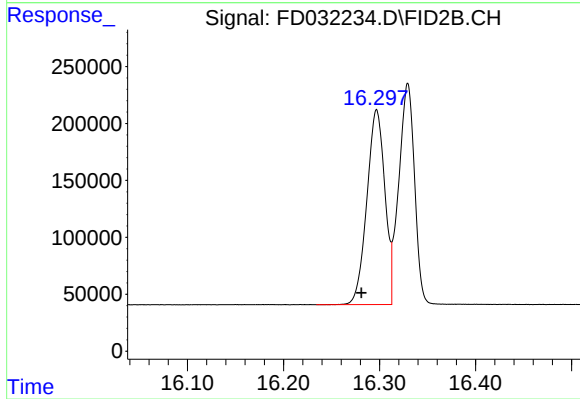
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.012 min
Response: 2156102
Conc: 17.66 ug/ml



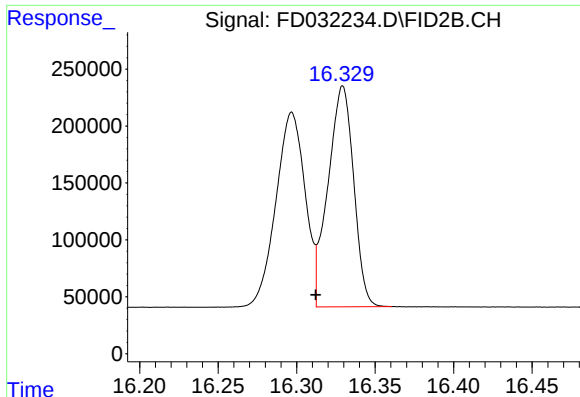
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.013 min
Response: 2203480
Conc: 17.91 ug/ml



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

R.T.: 16.297 min
Delta R.T.: 0.016 min
Response: 2222290
Conc: 18.40 ug/ml



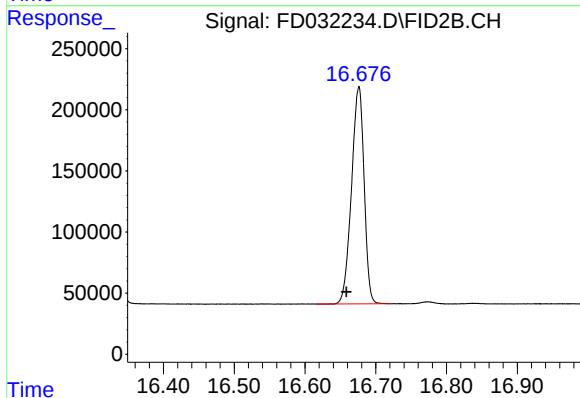
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: 0.017 min
Response: 2197853
Conc: 18.17 ug/ml m

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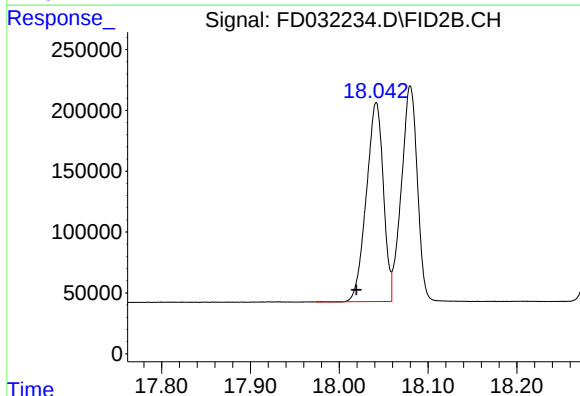
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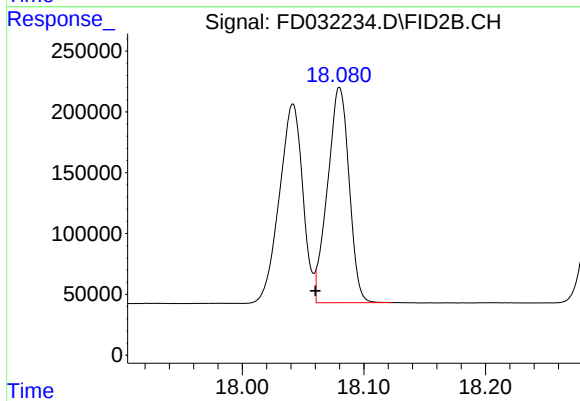
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.018 min
Response: 2198700
Conc: 18.40 ug/ml



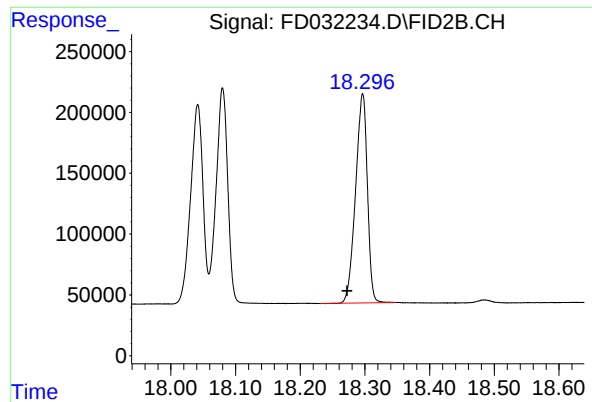
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.023 min
Response: 2176306
Conc: 18.94 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.019 min
Response: 2168389
Conc: 18.54 ug/ml m



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

R.T.: 18.297 min
Delta R.T.: 0.024 min
Response: 2178253
Conc: 19.12 ug/ml

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