

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032840.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2020 18:38
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Sohil
 4/7/2020 1:36:23 PM

Integration File: autoint1.e
 Quant Time: Apr 07 02:16:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.606	2804044	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
6) S 2-Fluorobiphenyl (SURR)	8.468	1880056	19.271 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.54%
11) S ortho-Terphenyl (SURR)	11.502	3080472	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.412	2910287	18.736 ug/ml
2) T Naphthalene (C11.7)	5.948	3081371	18.885 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	3063427	18.984 ug/ml
5) T Acenaphthylene (C15.06)	8.271	2964766	19.166 ug/ml
7) T Acenaphthene (C15.5)	8.566	3081116	19.148 ug/ml
8) T Fluorene (C16.55)	9.345	3016823	19.405 ug/ml
9) T Phenanthrene (C19.36)	10.739	3037550	19.391 ug/ml
10) T Anthracene (C19.43)	10.814	2972077	19.513 ug/ml
12) T Fluoranthene (C21.85)	12.549	3062076	19.430 ug/ml
13) T Pyrene (C20.8)	12.846	3026572	19.381 ug/ml
14) T Benzo[a]anthracene (C...	14.716	2779650	19.527 ug/ml
15) T Chrysene (C27.41)	14.758	2868994	19.444 ug/ml
16) T benzo[b]fluoranthene ...	16.267	2653277	19.440 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.299	2693934	19.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.645	2601721	19.640 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.011	2374139	19.669 ug/mlm
20) T Dibenz[a,h]anthracene...	18.049	2474555	19.753 ug/ml
21) T Benzo[g,h,i]perylene ...	18.266	2380931	19.673 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM AROMATIC HC STD ICV
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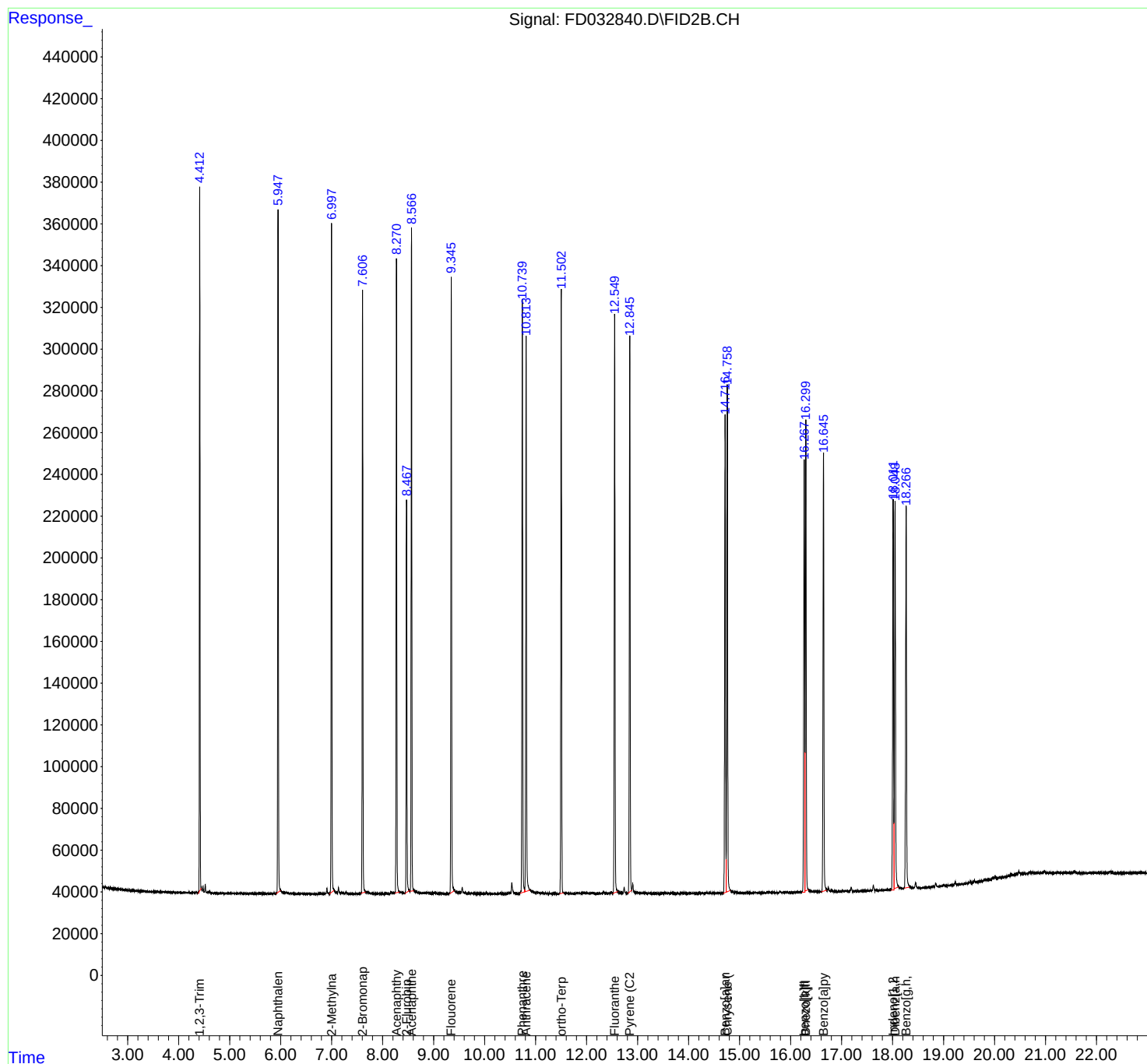
Instrument :
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20 PPM AROMATIC HC STD ICV

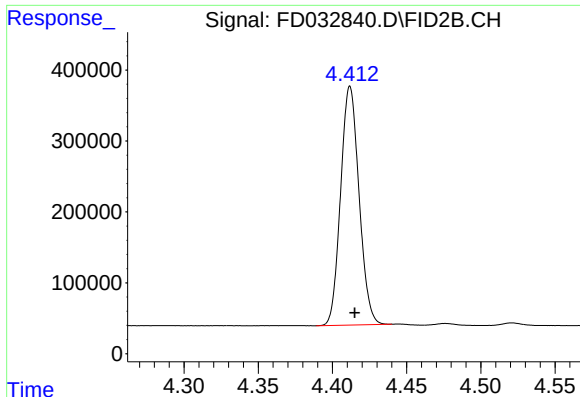
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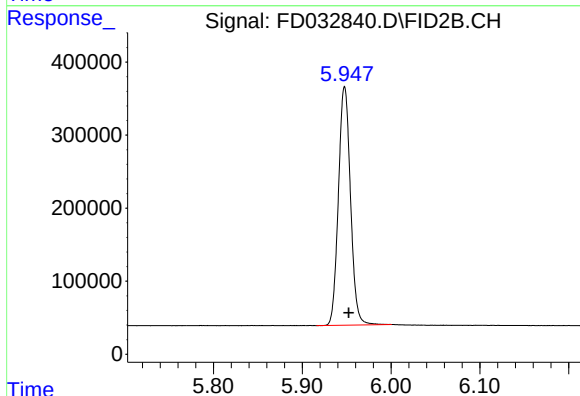
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.412 min
Delta R.T.: -0.003 min
Response: 2910287
Conc: 18.74 ug/ml

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20 PPM AROMATIC HC STD ICV

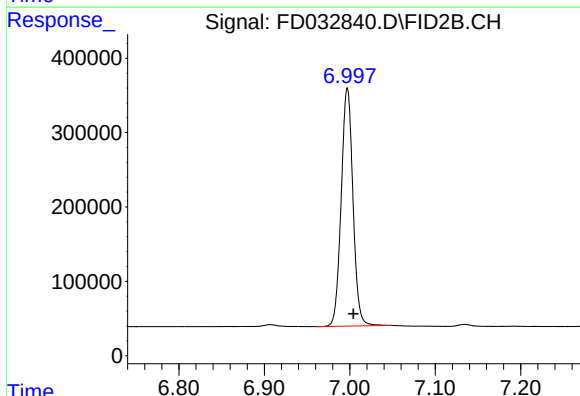
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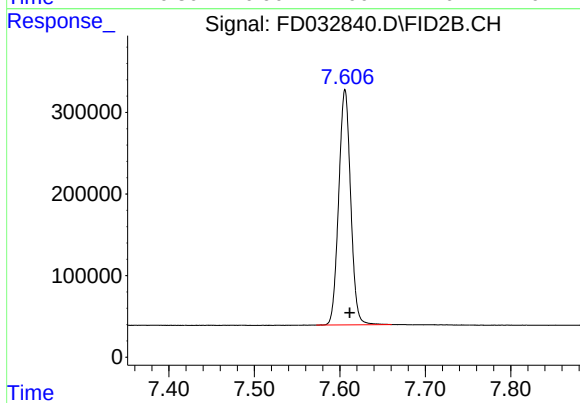
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3081371
Conc: 18.89 ug/ml



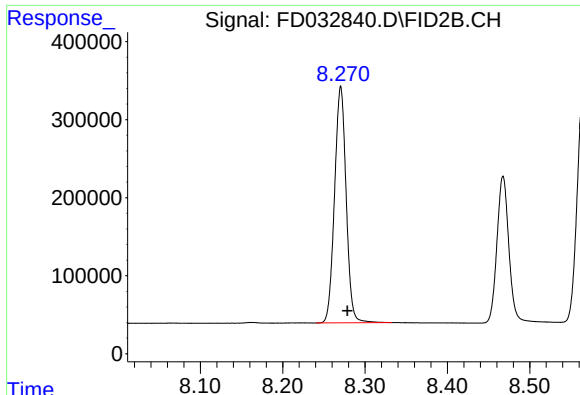
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.007 min
Response: 3063427
Conc: 18.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.606 min
Delta R.T.: -0.006 min
Response: 2804044
Conc: 19.11 ug/ml



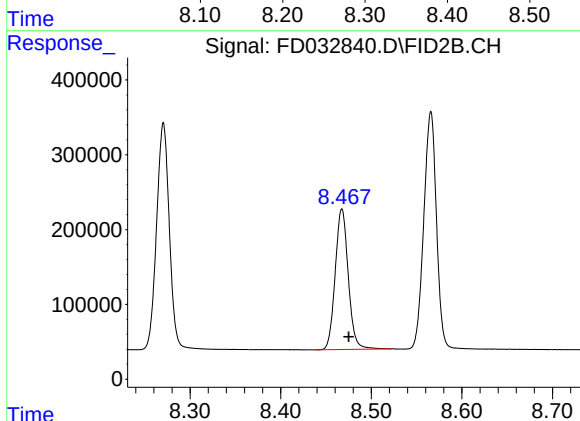
#5 Acenaphthylene (C15.06)

R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 2964766
Conc: 19.17 ug/ml

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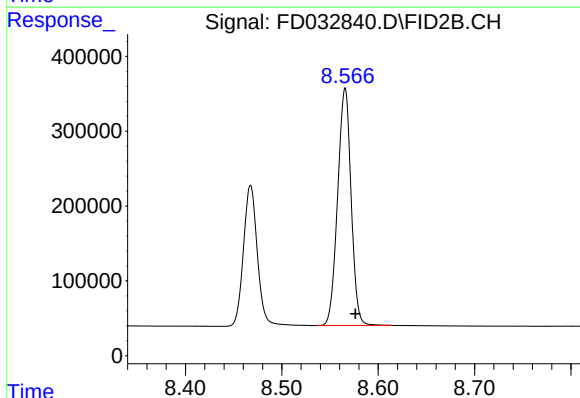
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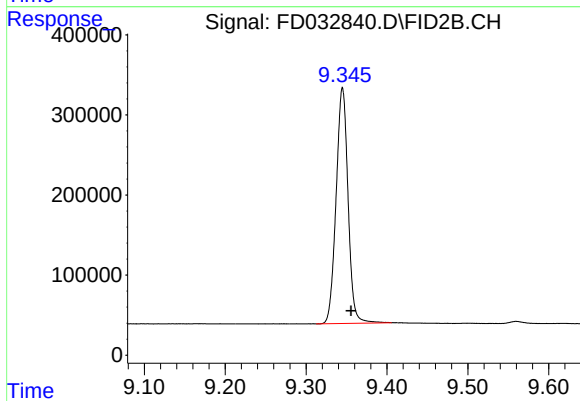
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.468 min
Delta R.T.: -0.008 min
Response: 1880056
Conc: 19.27 ug/ml



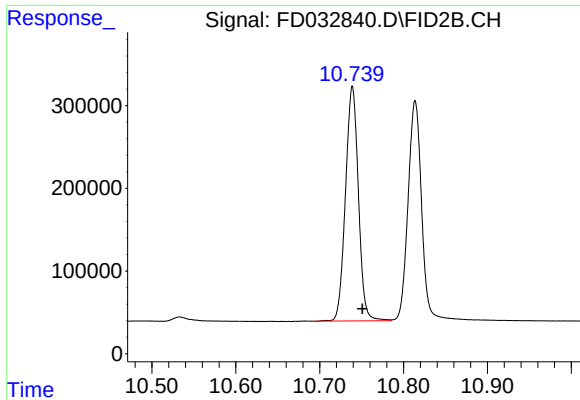
#7 Acenaphthene (C15.5)

R.T.: 8.566 min
Delta R.T.: -0.011 min
Response: 3081116
Conc: 19.15 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.345 min
Delta R.T.: -0.011 min
Response: 3016823
Conc: 19.41 ug/ml



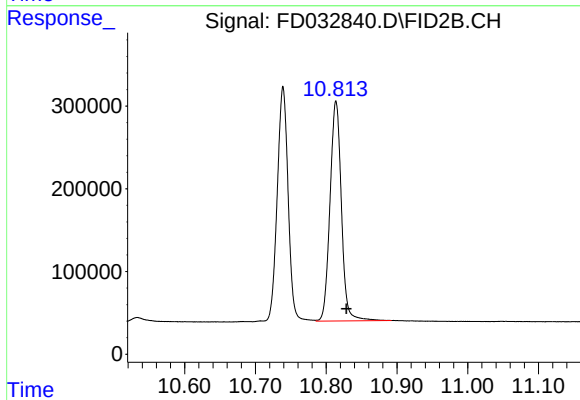
#9 Phenanthrene (C19.36)

R.T.: 10.739 min
Delta R.T.: -0.012 min
Response: 3037550
Conc: 19.39 ug/ml

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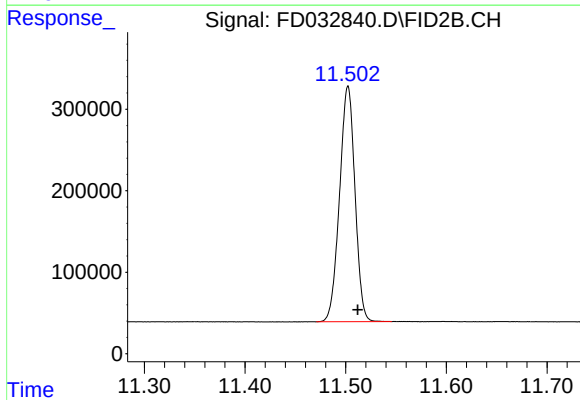
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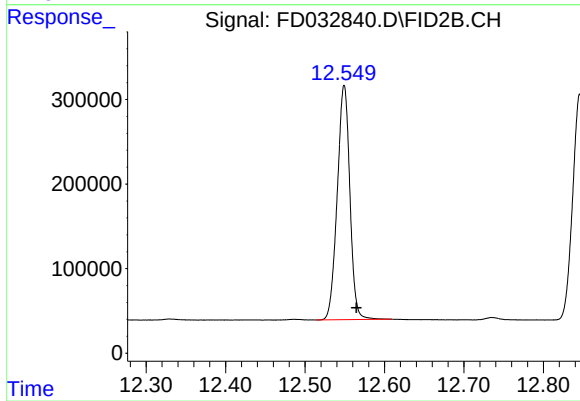
#10 Anthracene (C19.43)

R.T.: 10.814 min
Delta R.T.: -0.015 min
Response: 2972077
Conc: 19.51 ug/ml



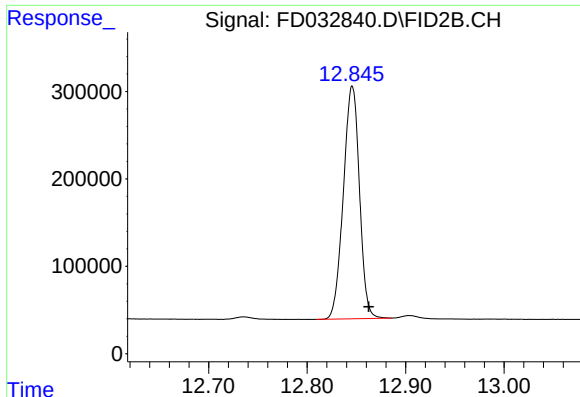
#11 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.010 min
Response: 3080472
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.549 min
Delta R.T.: -0.015 min
Response: 3062076
Conc: 19.43 ug/ml



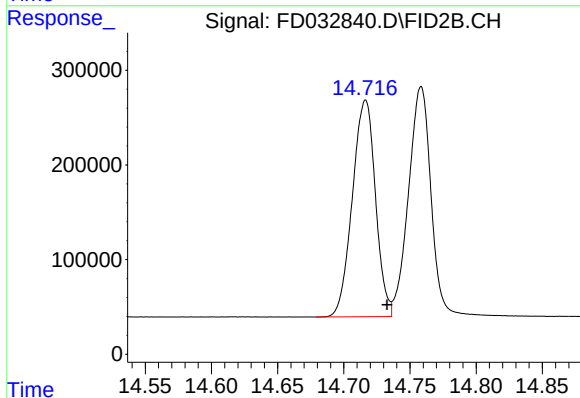
#13 Pyrene (C20.8)

R.T.: 12.846 min
Delta R.T.: -0.017 min
Response: 3026572
Conc: 19.38 ug/ml

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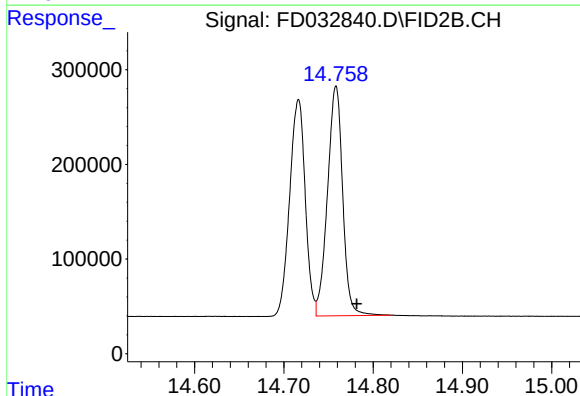
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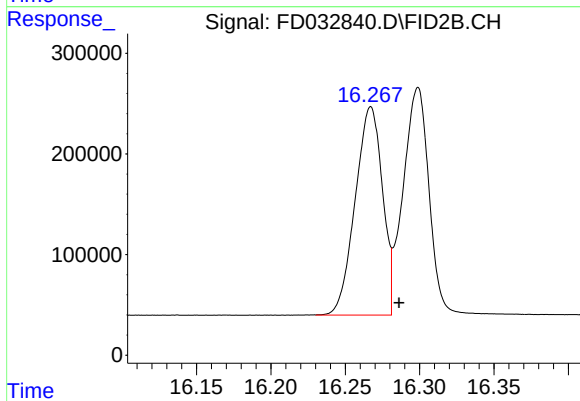
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: -0.016 min
Response: 2779650
Conc: 19.53 ug/ml



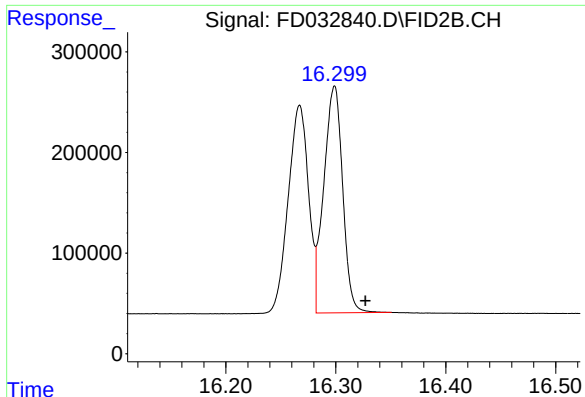
#15 Chrysene (C27.41)

R.T.: 14.758 min
Delta R.T.: -0.023 min
Response: 2868994
Conc: 19.44 ug/ml



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

R.T.: 16.267 min
Delta R.T.: -0.019 min
Response: 2653277
Conc: 19.44 ug/ml m



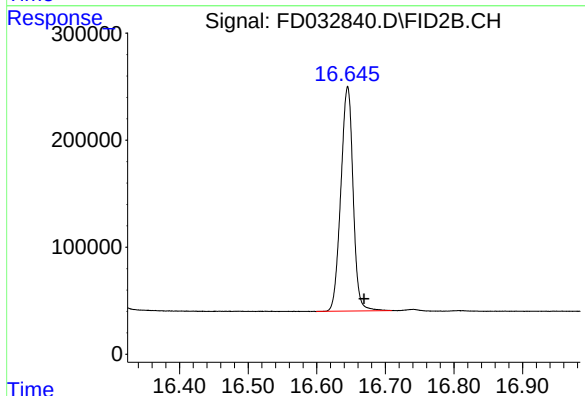
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.299 min
Delta R.T.: -0.028 min
Response: 2693934
Conc: 19.57 ug/ml

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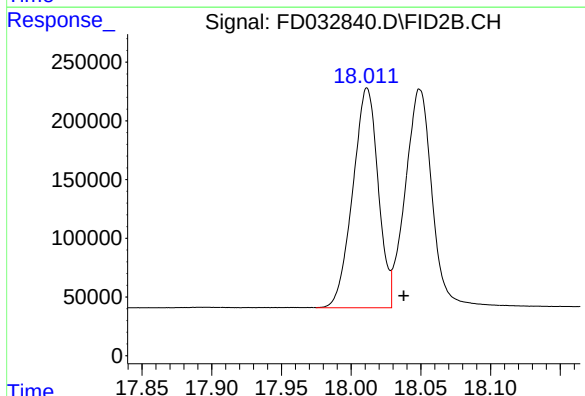
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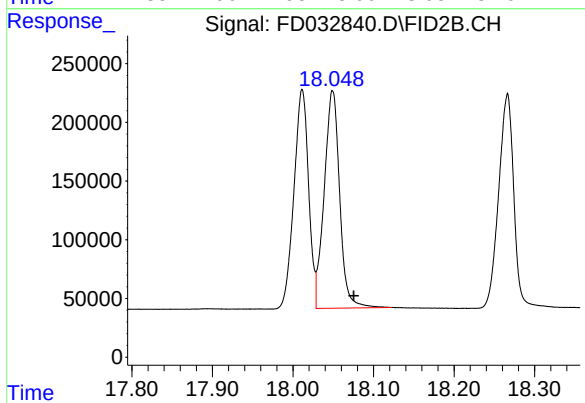
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.645 min
Delta R.T.: -0.024 min
Response: 2601721
Conc: 19.64 ug/ml



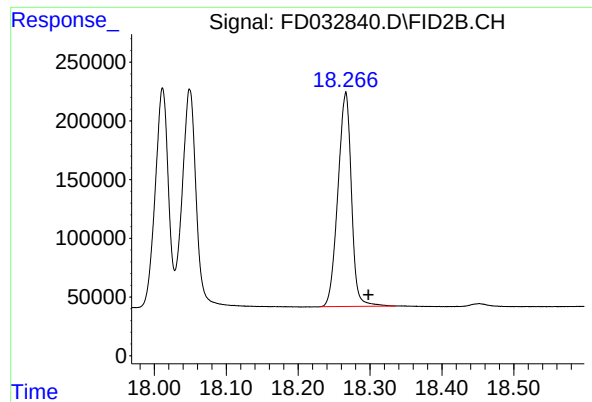
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.011 min
Delta R.T.: -0.027 min
Response: 2374139
Conc: 19.67 ug/ml m



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

R.T.: 18.049 min
Delta R.T.: -0.026 min
Response: 2474555
Conc: 19.75 ug/ml



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

R.T.: 18.266 min
Delta R.T.: -0.032 min
Response: 2380931
Conc: 19.67 ug/ml

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