

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032842.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2020 19:51
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Sohil
 4/7/2020 1:36:24 PM

Integration File: autoint1.e
 Quant Time: Apr 07 02:16:43 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	2846602	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
6) S 2-Fluorobiphenyl (SURR)	8.468	1905754	19.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.502	3097354	19.381 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.412	2989872	19.248 ug/ml
2) T Naphthalene (C11.7)	5.948	3149347	19.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	3129267	19.392 ug/ml
5) T Acenaphthylene (C15.06)	8.271	3003746	19.418 ug/ml
7) T Acenaphthene (C15.5)	8.565	3129177	19.446 ug/ml
8) T Flouorene (C16.55)	9.345	3060905	19.689 ug/ml
9) T Phenanthrene (C19.36)	10.740	3064209	19.562 ug/ml
10) T Anthracene (C19.43)	10.814	2992407	19.646 ug/ml
12) T Fluoranthene (C21.85)	12.549	3065603	19.452 ug/ml
13) T Pyrene (C20.8)	12.846	3031622	19.414 ug/ml
14) T Benzo[a]anthracene (C...	14.716	2767267	19.440 ug/ml
15) T Chrysene (C27.41)	14.759	2869863	19.450 ug/ml
16) T benzo[b]fluoranthene ...	16.266	2598464	19.039 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.299	2668804	19.391 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	2580538	19.480 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.011	2337067	19.362 ug/mlm
20) T Dibenz[a,h]anthracene...	18.049	2448044	19.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.266	2369057	19.575 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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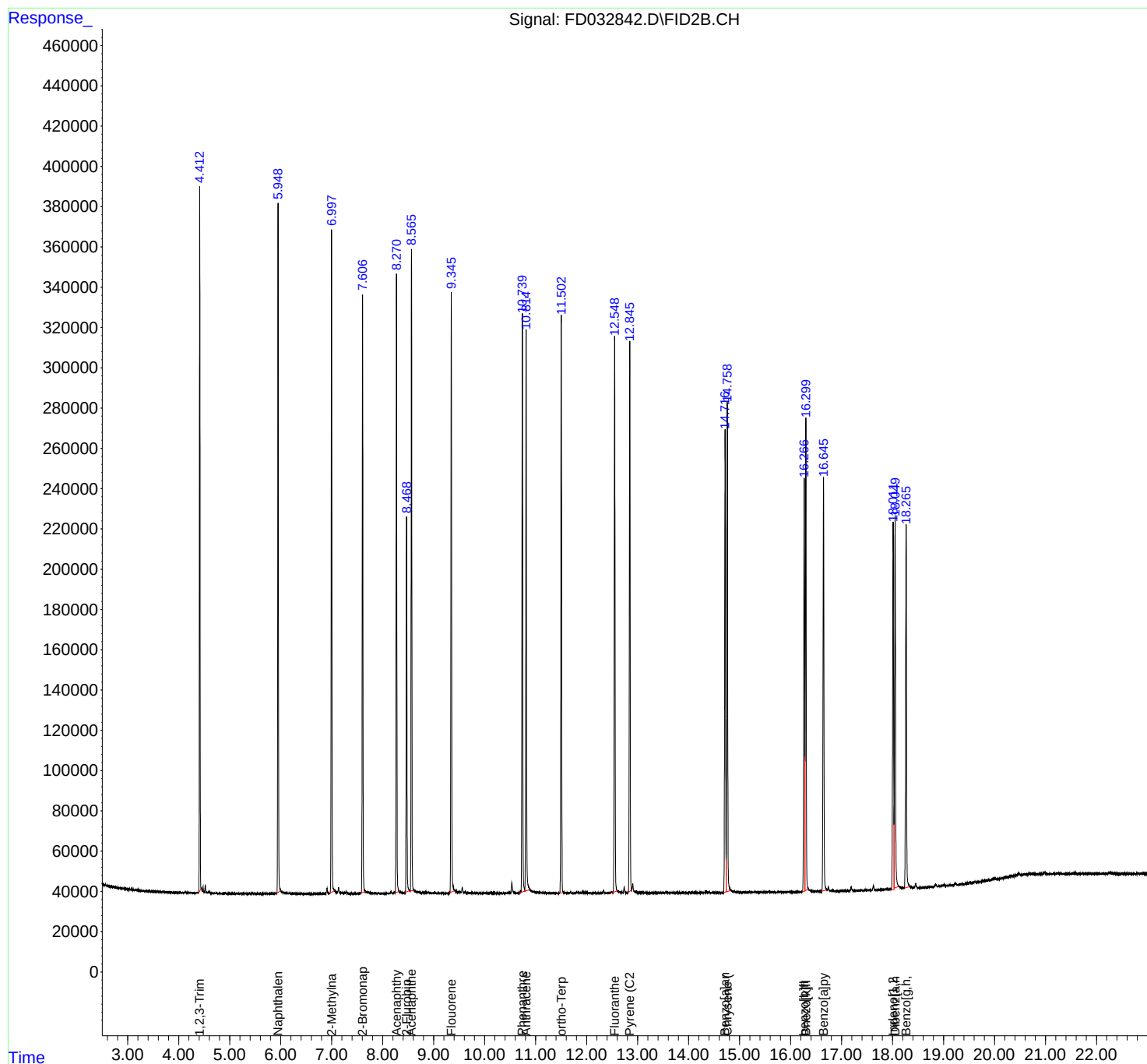
Instrument :
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20 PPM AROMATIC HC STD

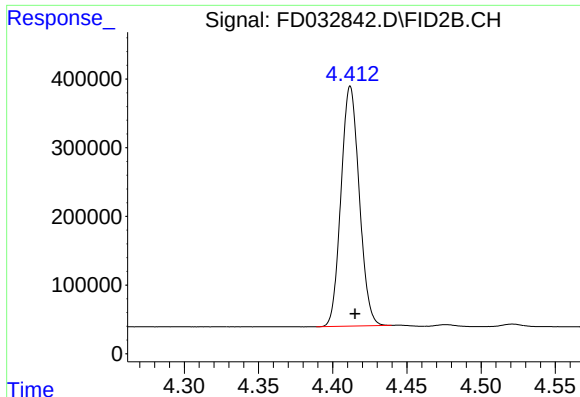
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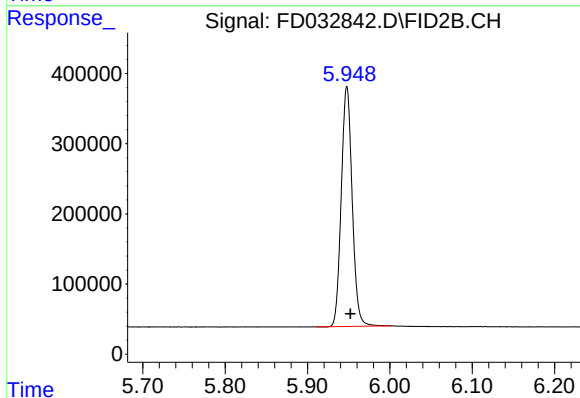
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.412 min
Delta R.T.: -0.003 min
Response: 2989872
Conc: 19.25 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

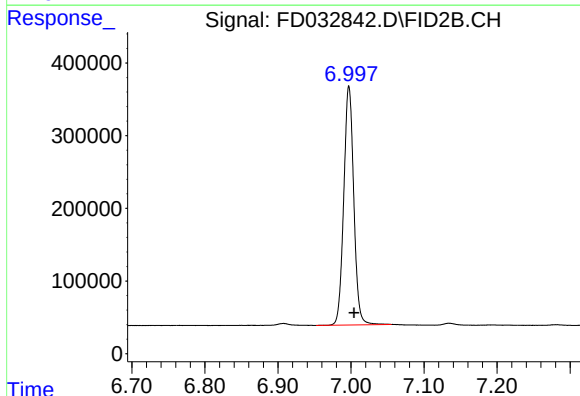
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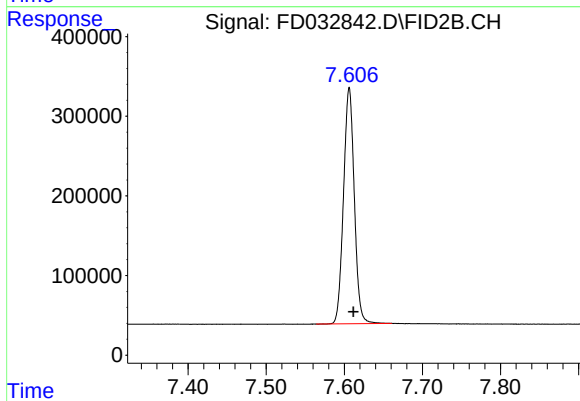
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3149347
Conc: 19.30 ug/ml



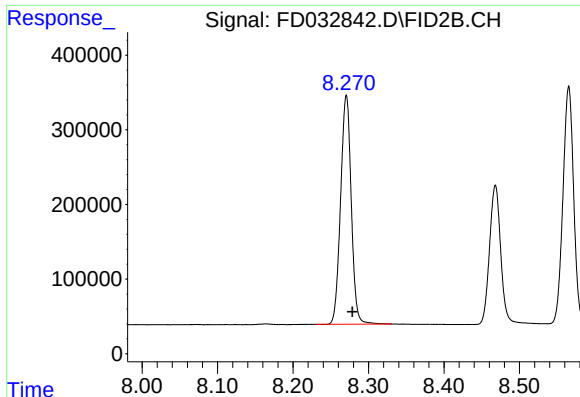
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.007 min
Response: 3129267
Conc: 19.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.606 min
Delta R.T.: -0.005 min
Response: 2846602
Conc: 19.40 ug/ml



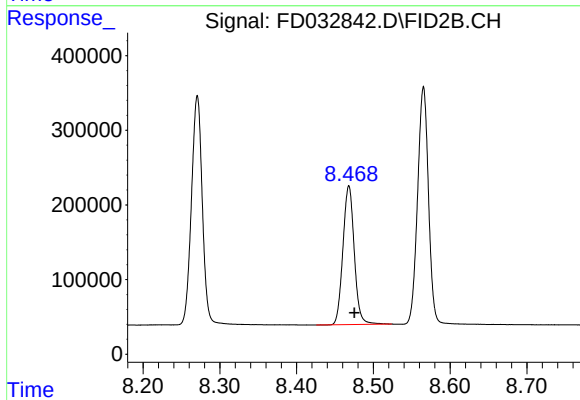
#5 Acenaphthylene (C15.06)

R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 3003746
Conc: 19.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

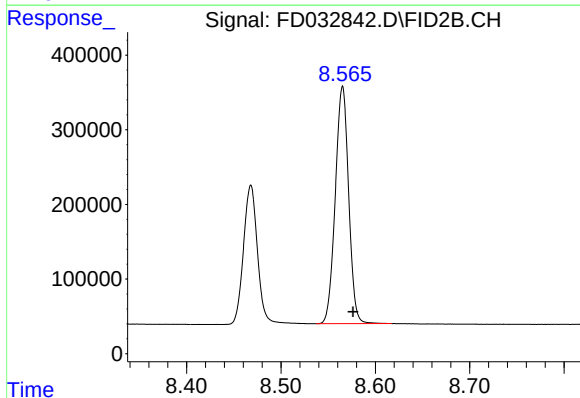
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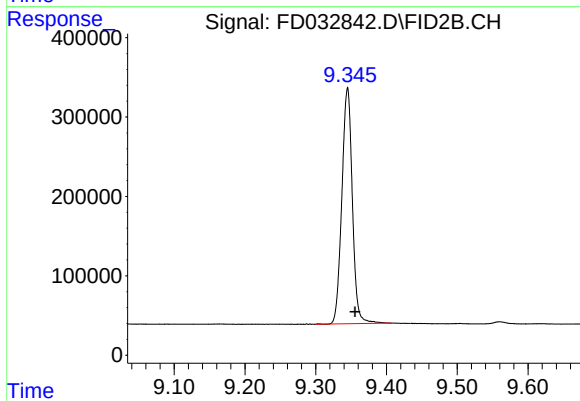
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 1905754
Conc: 19.53 ug/ml



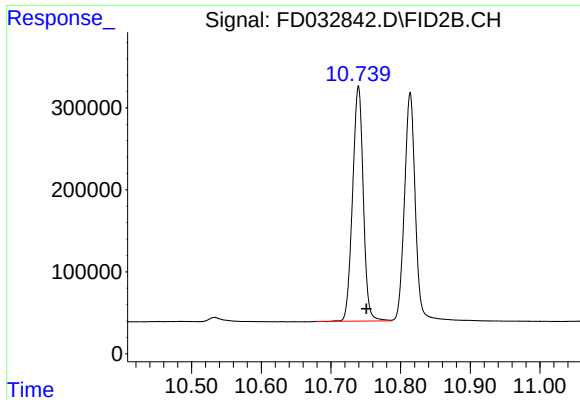
#7 Acenaphthene (C15.5)

R.T.: 8.565 min
Delta R.T.: -0.011 min
Response: 3129177
Conc: 19.45 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.345 min
Delta R.T.: -0.011 min
Response: 3060905
Conc: 19.69 ug/ml



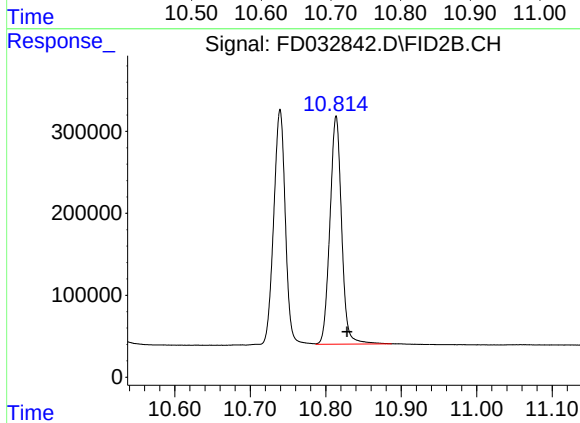
#9 Phenanthrene (C19.36)

R.T.: 10.740 min
Delta R.T.: -0.012 min
Response: 3064209
Conc: 19.56 ug/ml

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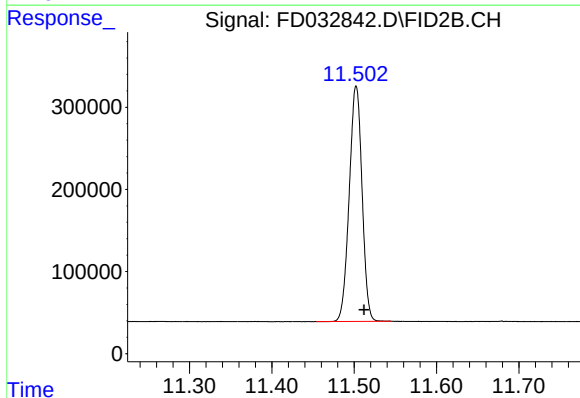
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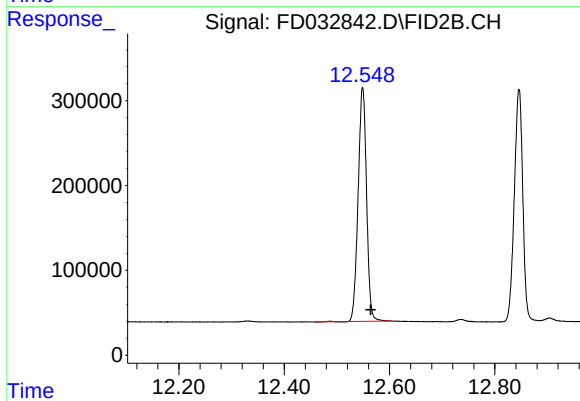
#10 Anthracene (C19.43)

R.T.: 10.814 min
Delta R.T.: -0.015 min
Response: 2992407
Conc: 19.65 ug/ml



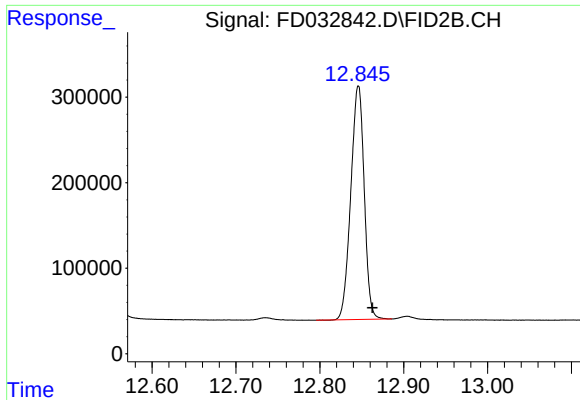
#11 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.010 min
Response: 3097354
Conc: 19.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.549 min
Delta R.T.: -0.016 min
Response: 3065603
Conc: 19.45 ug/ml



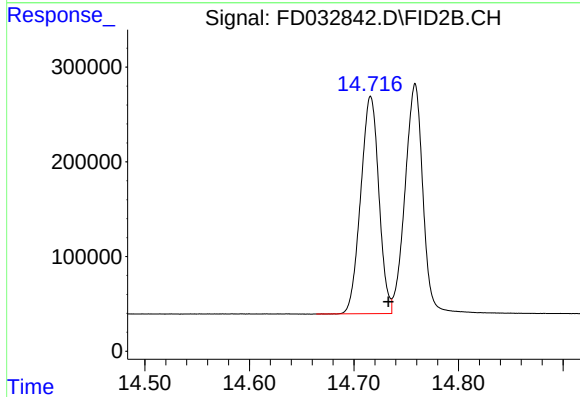
#13 Pyrene (C20.8)

R.T.: 12.846 min
Delta R.T.: -0.017 min
Response: 3031622
Conc: 19.41 ug/ml

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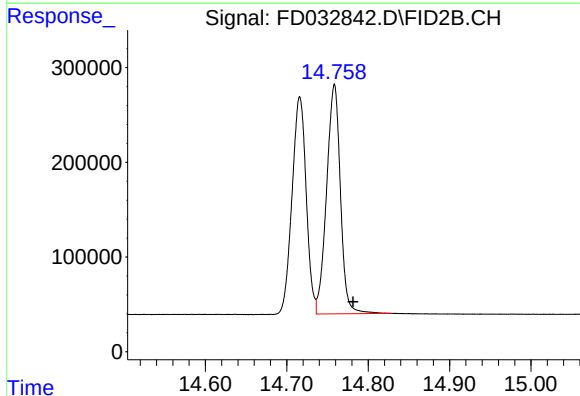
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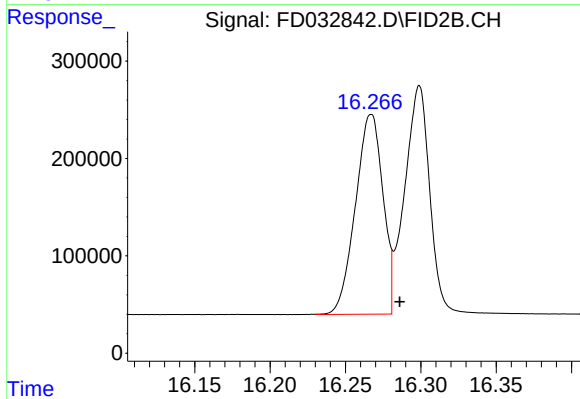
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: -0.017 min
Response: 2767267
Conc: 19.44 ug/ml



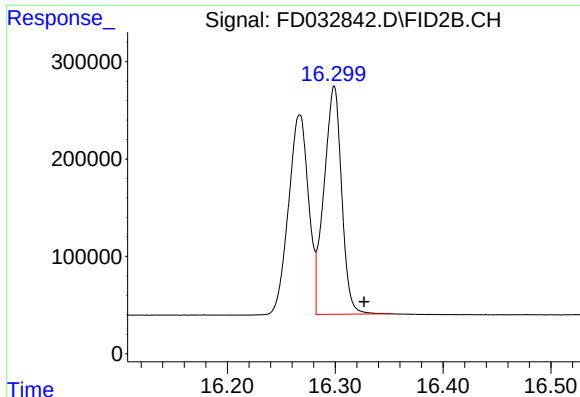
#15 Chrysene (C27.41)

R.T.: 14.759 min
Delta R.T.: -0.023 min
Response: 2869863
Conc: 19.45 ug/ml



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

R.T.: 16.266 min
Delta R.T.: -0.020 min
Response: 2598464
Conc: 19.04 ug/ml m



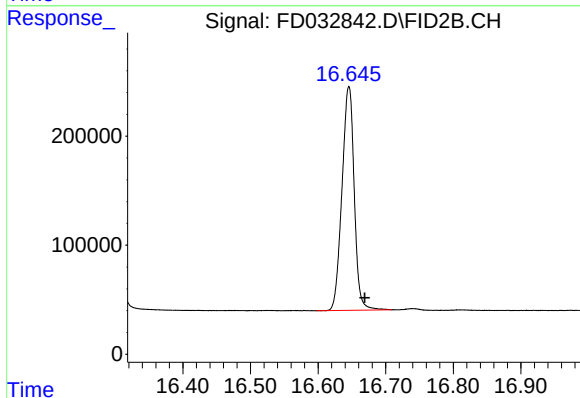
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.299 min
Delta R.T.: -0.028 min
Response: 2668804
Conc: 19.39 ug/ml

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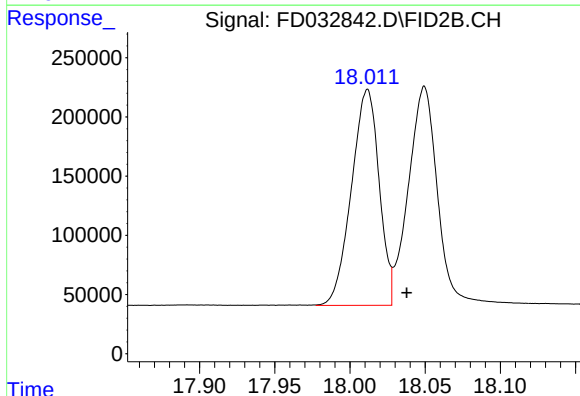
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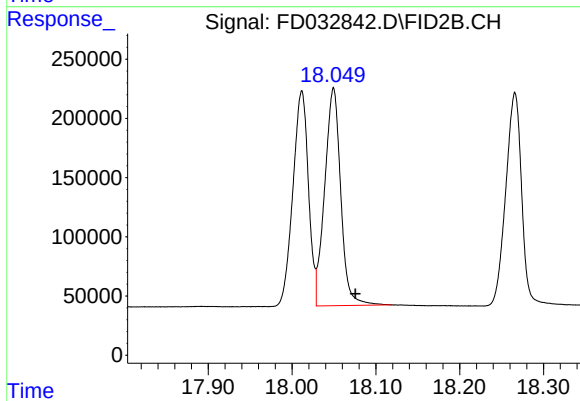
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: -0.023 min
Response: 2580538
Conc: 19.48 ug/ml



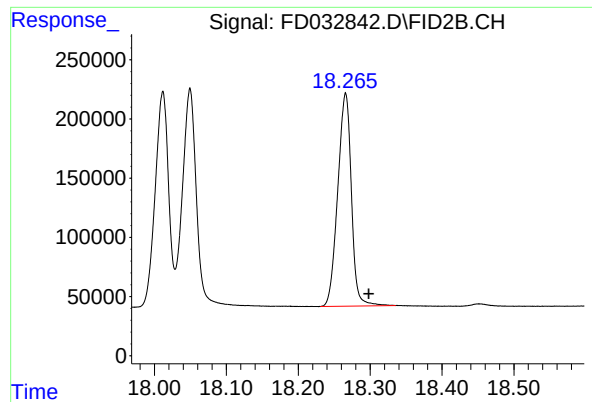
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.011 min
Delta R.T.: -0.026 min
Response: 2337067
Conc: 19.36 ug/ml m



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

R.T.: 18.049 min
Delta R.T.: -0.026 min
Response: 2448044
Conc: 19.54 ug/ml



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

R.T.: 18.266 min
Delta R.T.: -0.032 min
Response: 2369057
Conc: 19.57 ug/ml

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