

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036395.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 12:21
 Operator : DD\AJ
 Sample : M1458-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 02:12:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.601	8339171	70.748 ug/ml
Spiked Amount 50.000		Recovery =	141.50%
6) S 2-Fluorobiphenyl (SURR)	8.462	5686169	68.326 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	136.65%#
11) S ortho-Terphenyl (SURR)	11.504	8269777	58.699 ug/ml
Spiked Amount 50.000		Recovery =	117.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.398	661716	5.278 ug/ml
2) T Naphthalene (C11.7)	5.935	751510	5.546 ug/ml
3) T 2-Methylnaphthalene (...)	6.985	796053	5.830 ug/ml
5) T Acenaphthylene (C15.06)	8.259	746549	5.549 ug/ml
7) T Acenaphthene (C15.5)	8.555	782083	5.650 ug/ml
8) T Fluorene (C16.55)	9.334	794981	5.825 ug/ml
9) T Phenanthrene (C19.36)	10.728	822879	5.973 ug/ml
10) T Anthracene (C19.43)	10.801	784140	5.841 ug/ml
12) T Fluoranthene (C21.85)	12.536	814022	5.862 ug/ml
13) T Pyrene (C20.8)	12.832	800835	5.841 ug/ml
14) T Benzo[a]anthracene (C...	14.700	738186	5.836 ug/ml
15) T Chrysene (C27.41)	14.742	772861	5.968 ug/ml
16) T benzo[b]fluoranthene ...	16.244	741586	6.093 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.277	716732	6.087 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	717921	6.510 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	659432	5.960 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	721081	6.516 ug/ml
21) T Benzo[g,h,i]perylene ...	18.235	698367	6.316 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1458-02
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ALS Vial : 56 Sample Multiplier: 1

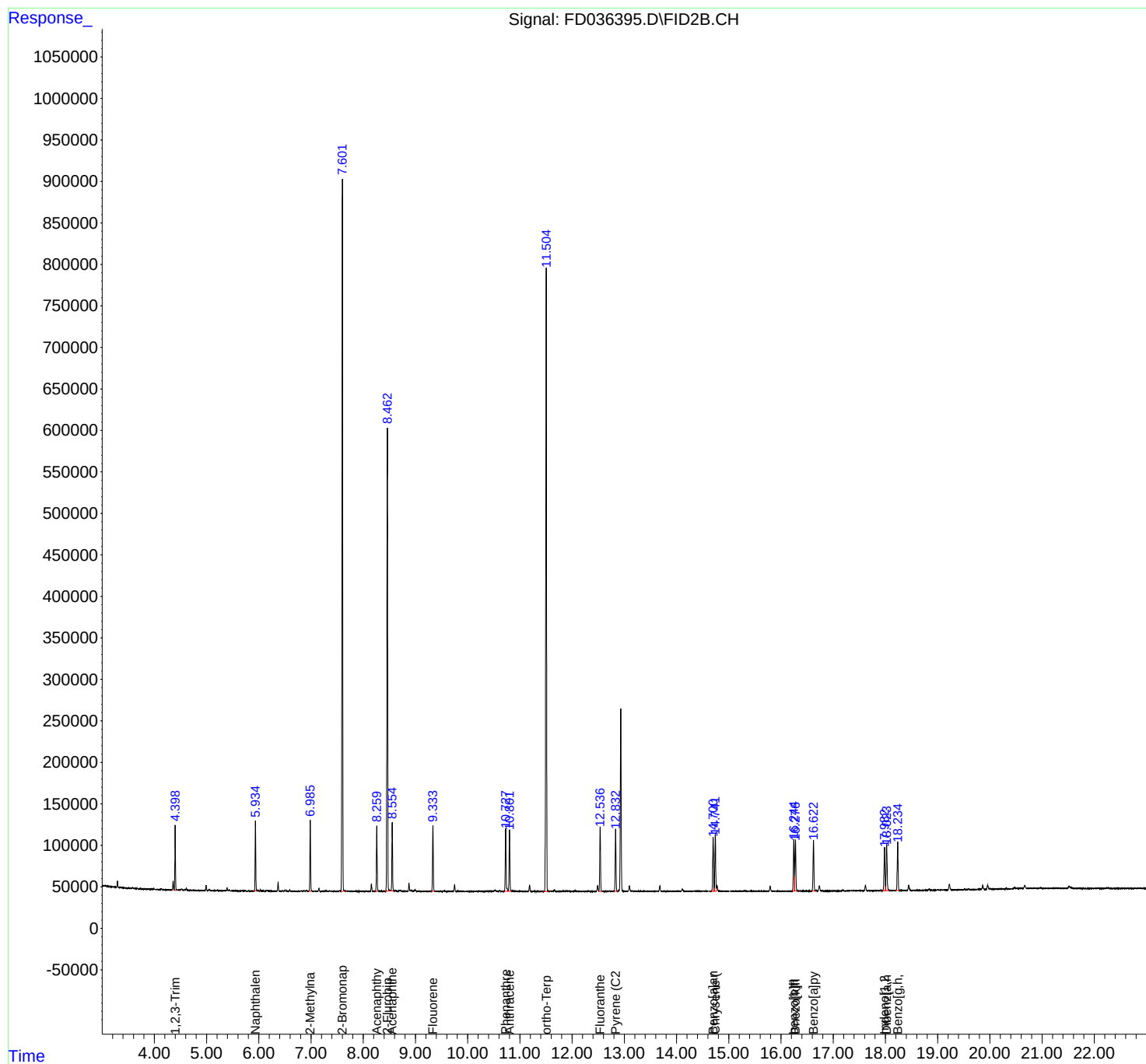
Instrument :
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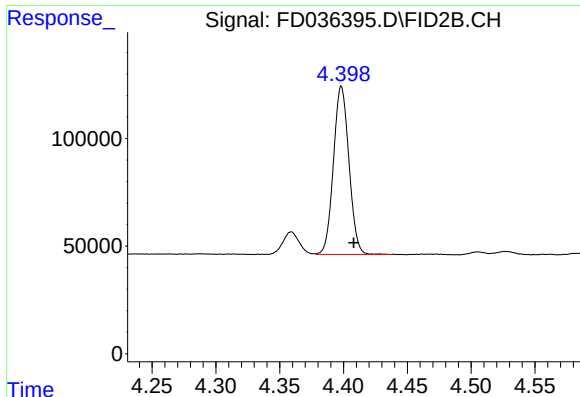
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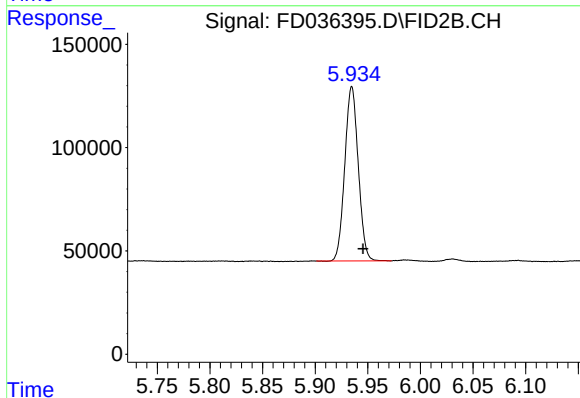
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.398 min
Delta R.T.: -0.010 min
Response: 661716
Conc: 5.28 ug/ml

Instrument :
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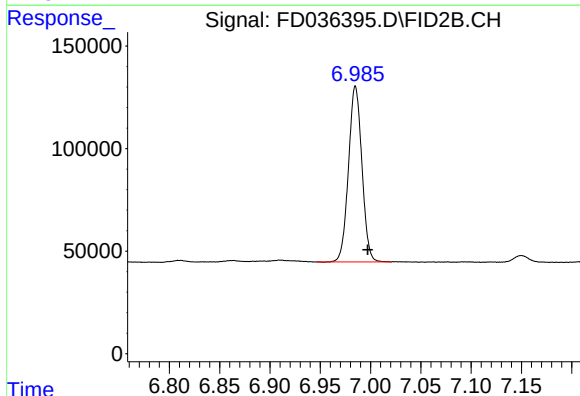
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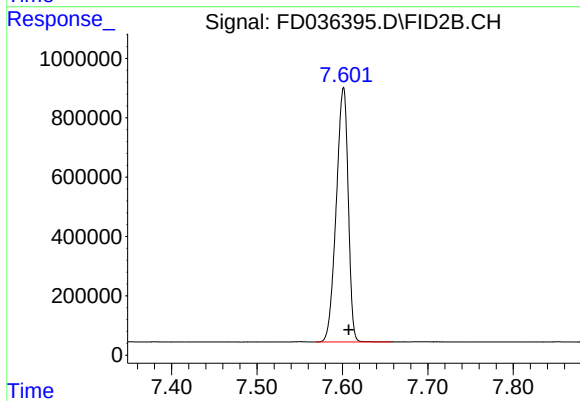
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.011 min
Response: 751510
Conc: 5.55 ug/ml



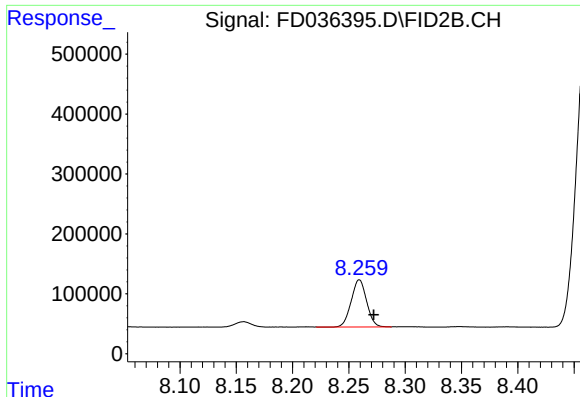
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.012 min
Response: 796053
Conc: 5.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 8339171
Conc: 70.75 ug/ml



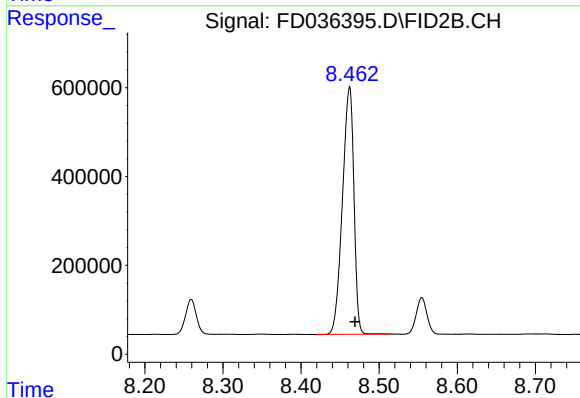
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min
Delta R.T.: -0.013 min
Response: 746549
Conc: 5.55 ug/ml

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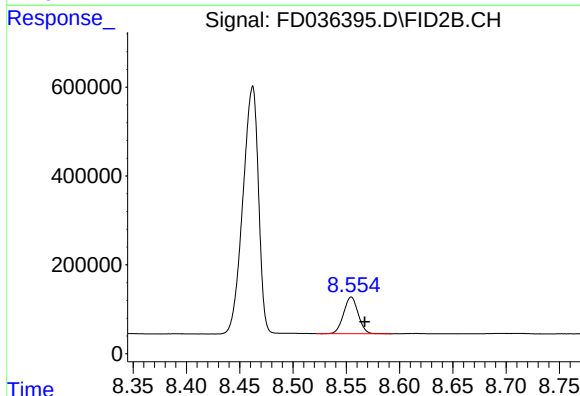
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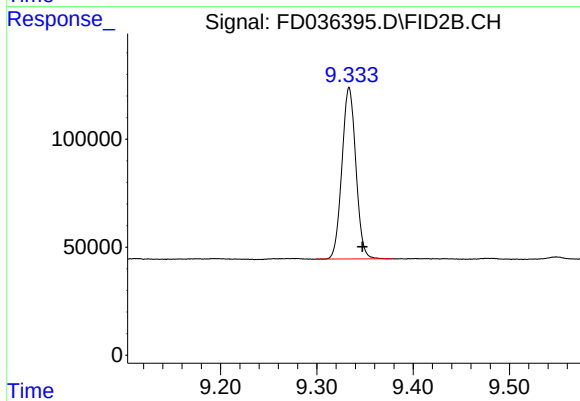
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 5686169
Conc: 68.33 ug/ml



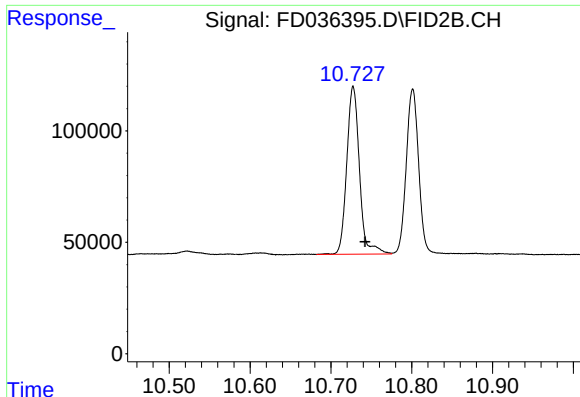
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: -0.012 min
Response: 782083
Conc: 5.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.014 min
Response: 794981
Conc: 5.83 ug/ml



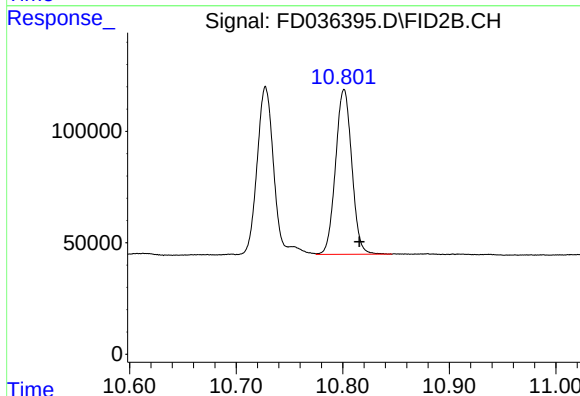
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.015 min
Response: 822879
Conc: 5.97 ug/ml

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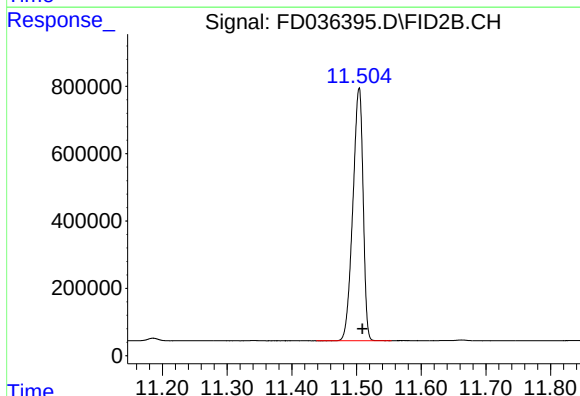
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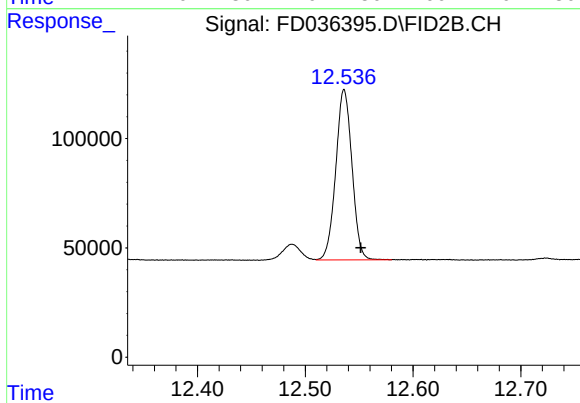
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: -0.014 min
Response: 784140
Conc: 5.84 ug/ml



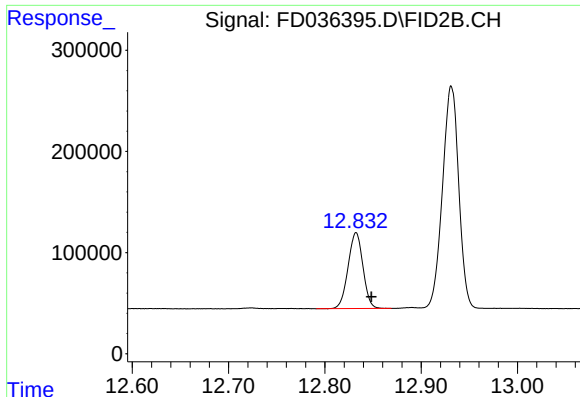
#11 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 8269777
Conc: 58.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: -0.015 min
Response: 814022
Conc: 5.86 ug/ml



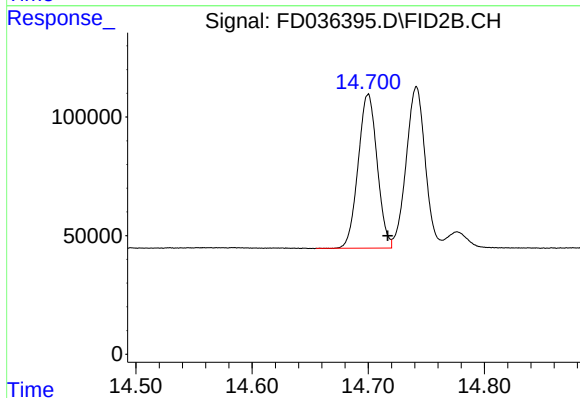
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.016 min
Response: 800835
Conc: 5.84 ug/ml

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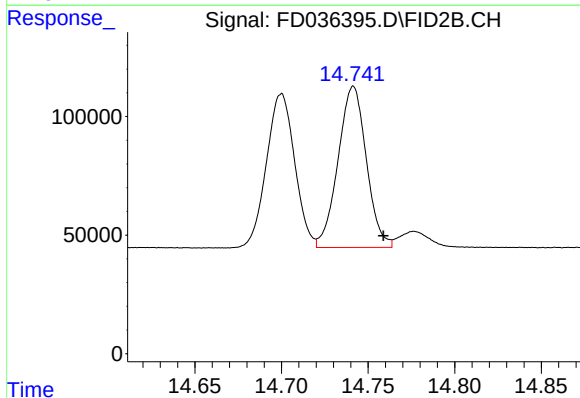
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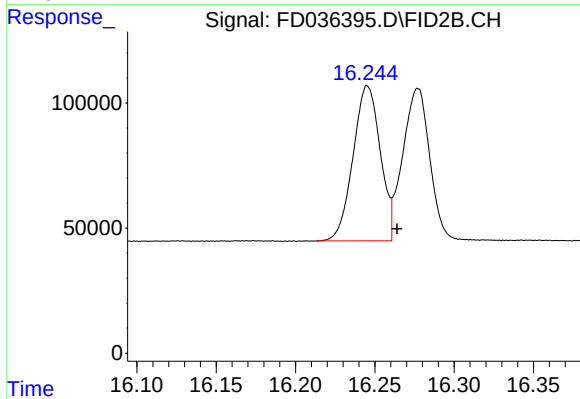
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: -0.017 min
Response: 738186
Conc: 5.84 ug/ml



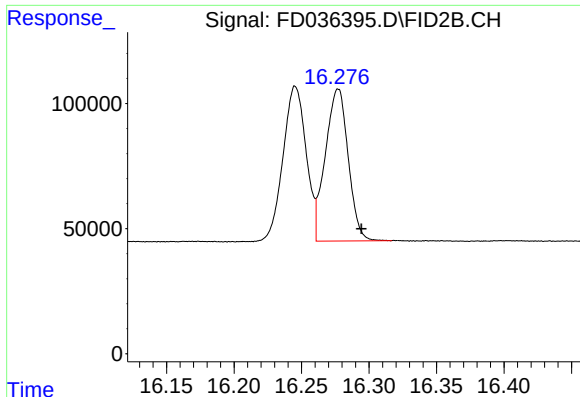
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 772861
Conc: 5.97 ug/ml



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

R.T.: 16.244 min
Delta R.T.: -0.020 min
Response: 741586
Conc: 6.09 ug/ml m



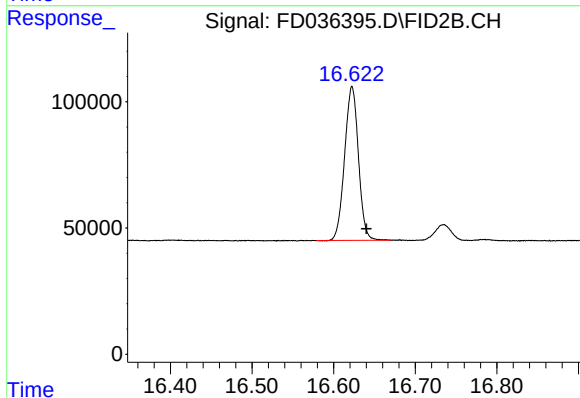
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.017 min
Response: 716732
Conc: 6.09 ug/ml

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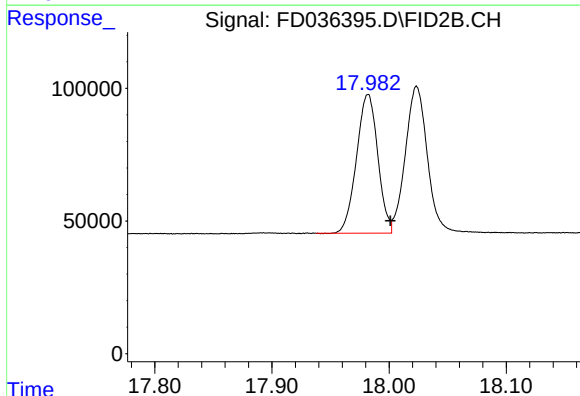
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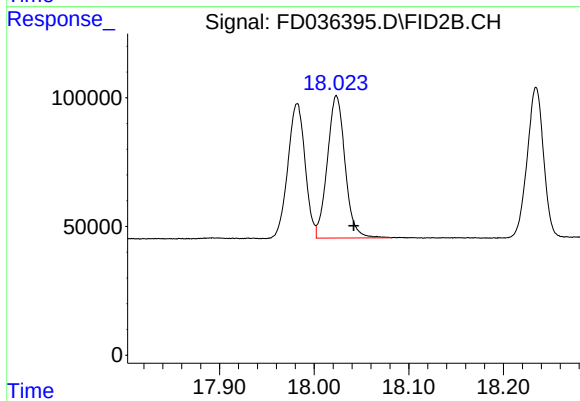
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.018 min
Response: 717921
Conc: 6.51 ug/ml



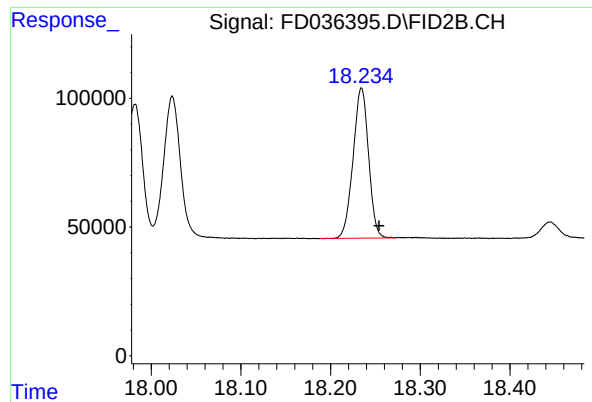
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min
Delta R.T.: -0.019 min
Response: 659432
Conc: 5.96 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.018 min
Response: 721081
Conc: 6.52 ug/ml



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

R.T.: 18.235 min
Delta R.T.: -0.020 min
Response: 698367
Conc: 6.32 ug/ml

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