

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036397.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 13:36
 Operator : DD\AJ
 Sample : M1458-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 02:13:05 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...	7.600	5512440	46.767 ug/ml
Spiked Amount 50.000		Recovery =	93.53%
6) S 2-Fluorobiphenyl (SURR)	8.461	3743432	44.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.96%
11) S ortho-Terphenyl (SURR)	11.503	5354093	38.003 ug/ml
Spiked Amount 50.000		Recovery =	76.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	228293	1.821 ug/ml
2) T Naphthalene (C11.7)	5.936	263084	1.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	283496	2.076 ug/ml
5) T Acenaphthylene (C15.06)	8.260	261947	1.947 ug/ml
7) T Acenaphthene (C15.5)	8.556	265147	1.916 ug/ml
8) T Flouorene (C16.55)	9.335	270126	1.979 ug/ml
9) T Phenanthrene (C19.36)	10.729	254502	1.847 ug/ml
10) T Anthracene (C19.43)	10.803	258697	1.927 ug/ml
12) T Fluoranthene (C21.85)	12.537	273443	1.969 ug/ml
13) T Pyrene (C20.8)	12.833	270290	1.972 ug/ml
14) T Benzo[a]anthracene (C...	14.700	242316	1.916 ug/mlm
15) T Chrysene (C27.41)	14.742	297757	2.299 ug/mlm
16) T benzo[b]fluoranthene ...	16.245	250540	2.059 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	238066	2.022 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	235546	2.136 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	213305	1.928 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	238652	2.157 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	232138	2.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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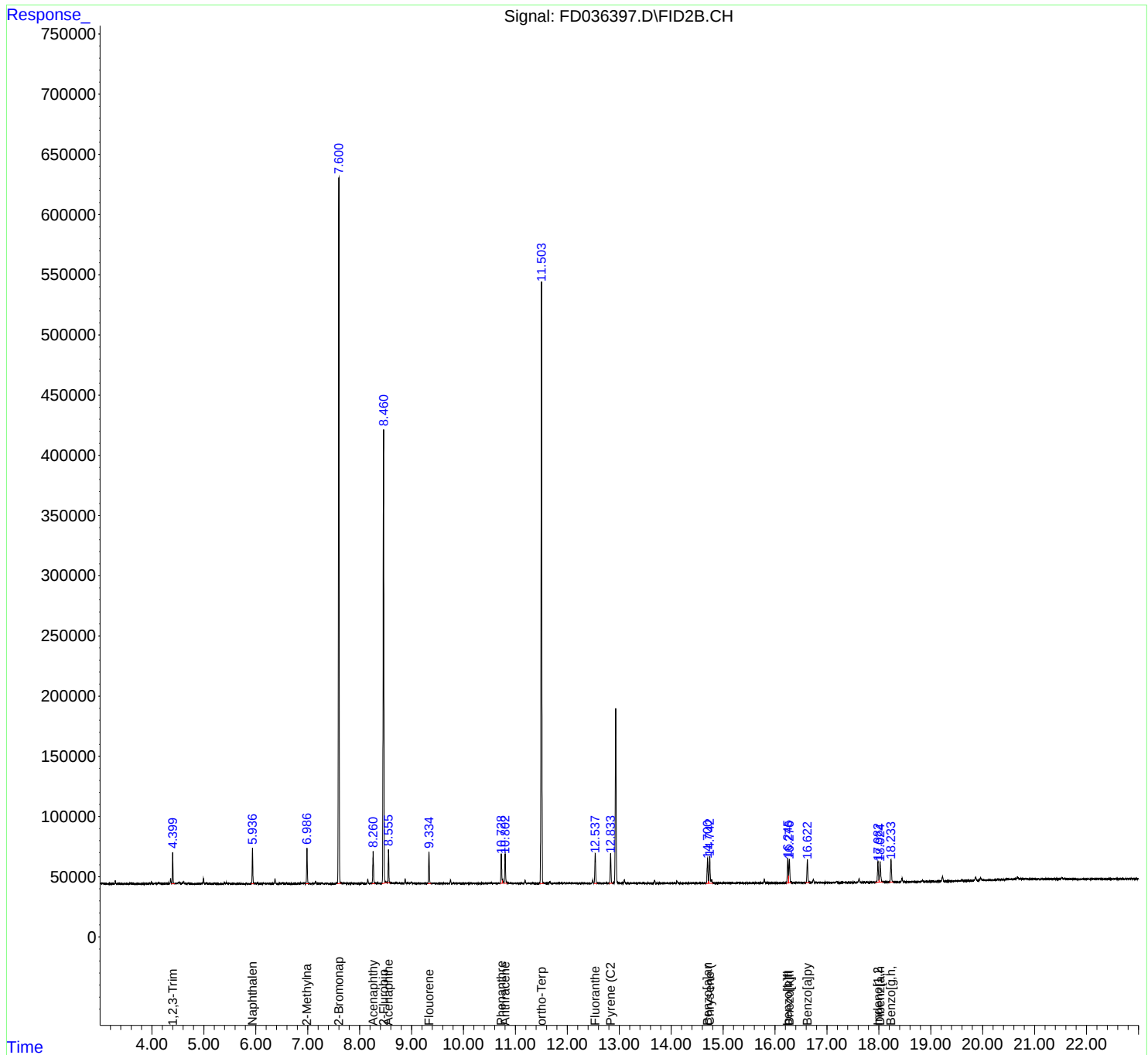
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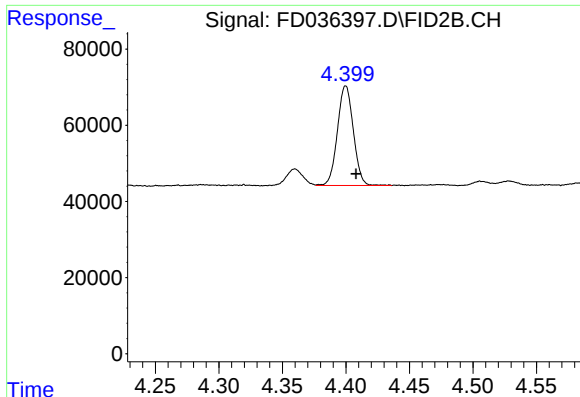
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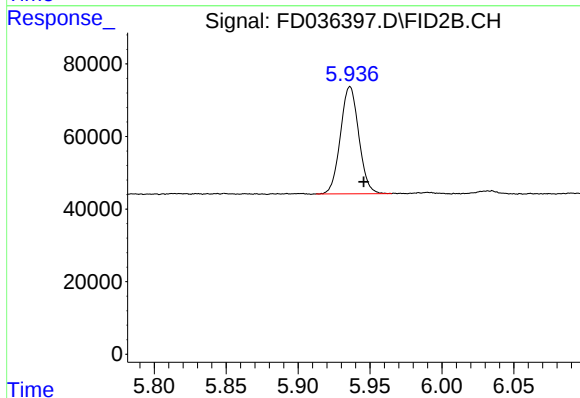
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min
Delta R.T.: -0.008 min
Response: 228293
Conc: 1.82 ug/ml

Instrument :
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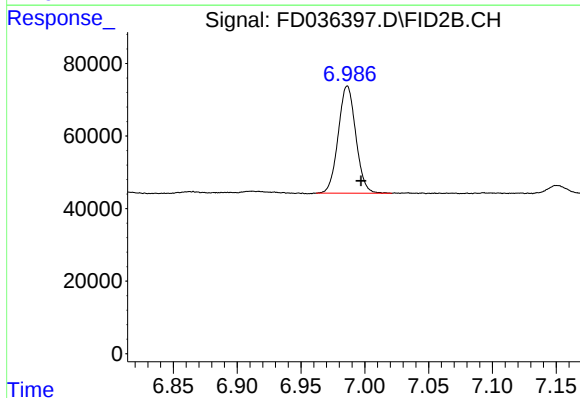
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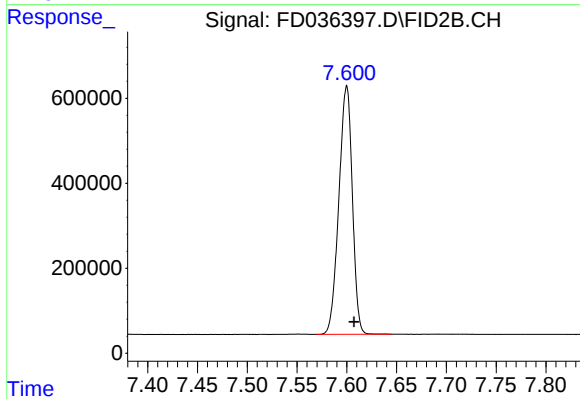
#2 Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.010 min
Response: 263084
Conc: 1.94 ug/ml



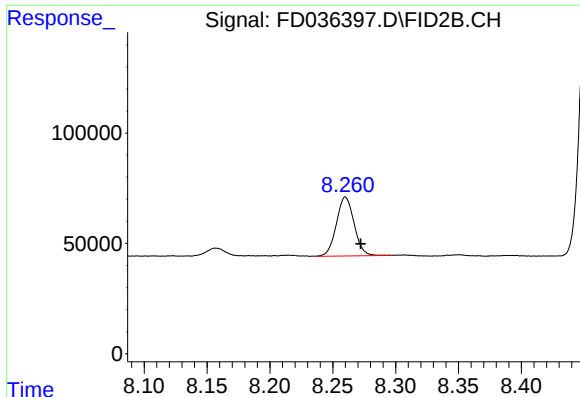
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 283496
Conc: 2.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 5512440
Conc: 46.77 ug/ml



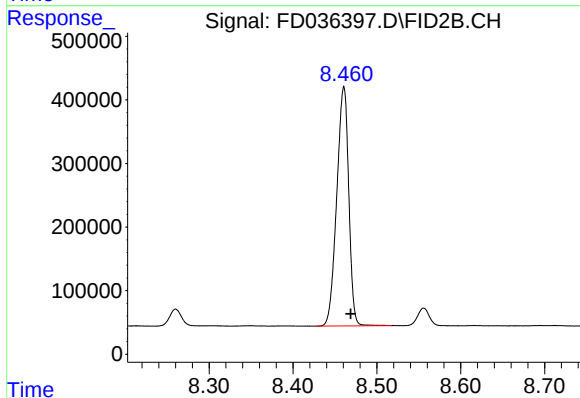
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: -0.012 min
Response: 261947
Conc: 1.95 ug/ml

Instrument :
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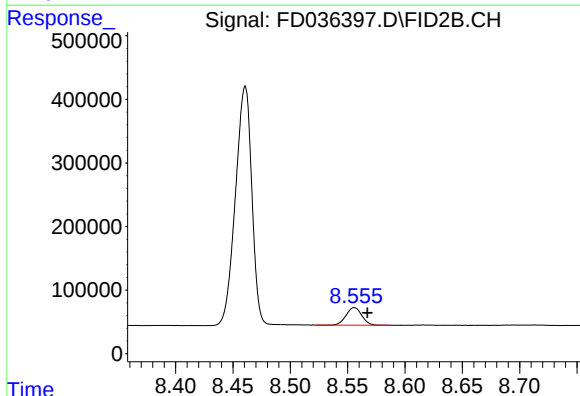
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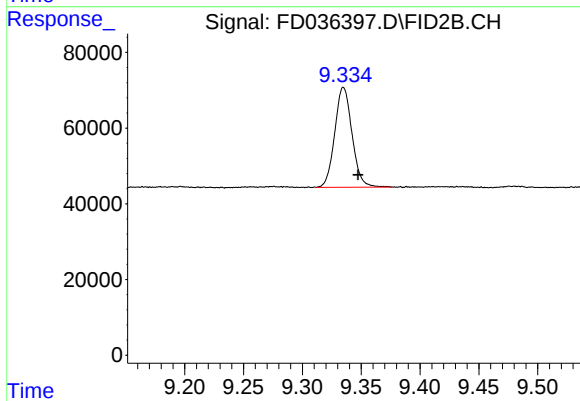
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 3743432
Conc: 44.98 ug/ml



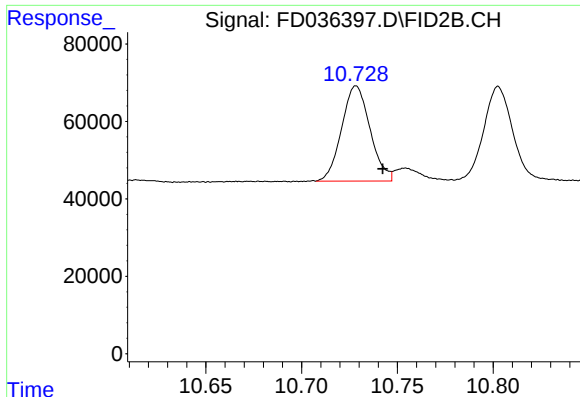
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 265147
Conc: 1.92 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.013 min
Response: 270126
Conc: 1.98 ug/ml



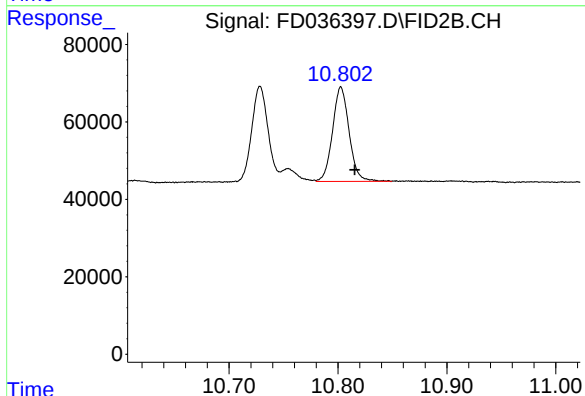
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.014 min
Response: 254502
Conc: 1.85 ug/ml

Instrument :
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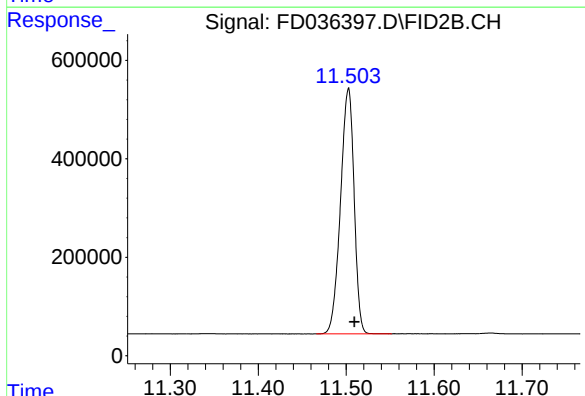
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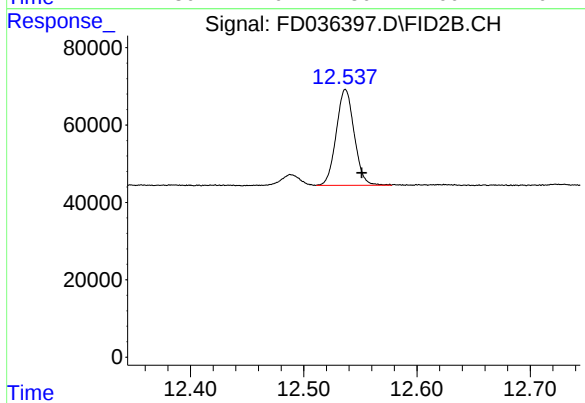
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.013 min
Response: 258697
Conc: 1.93 ug/ml



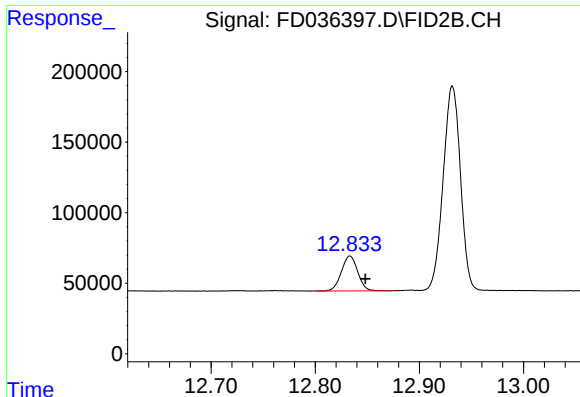
#11 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.007 min
Response: 5354093
Conc: 38.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 273443
Conc: 1.97 ug/ml



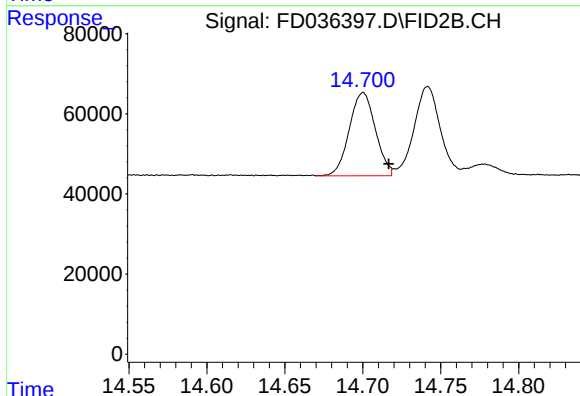
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 270290
Conc: 1.97 ug/ml

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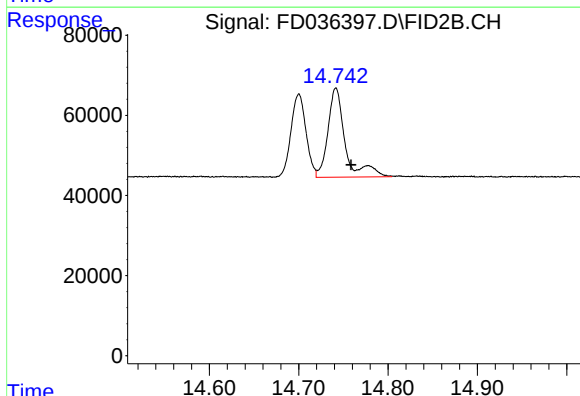
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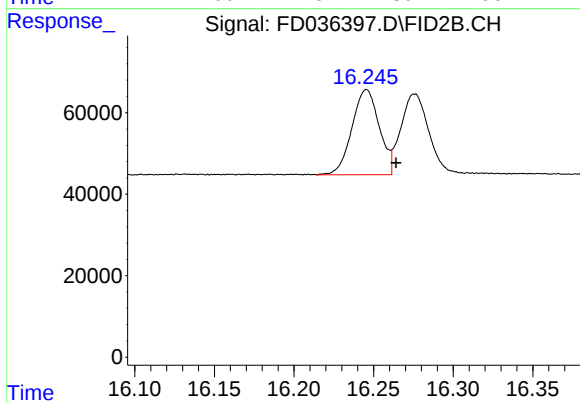
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: -0.017 min
Response: 242316
Conc: 1.92 ug/ml m



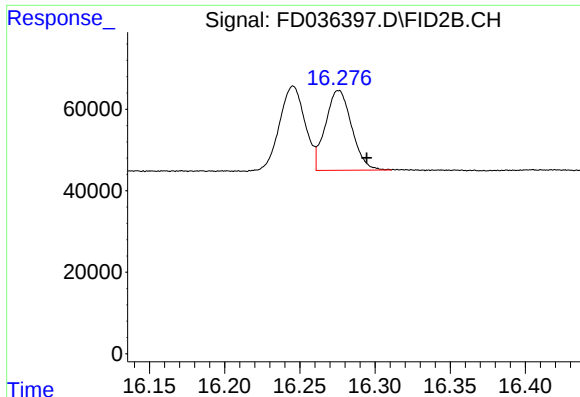
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 297757
Conc: 2.30 ug/ml m



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

R.T.: 16.245 min
Delta R.T.: -0.019 min
Response: 250540
Conc: 2.06 ug/ml m



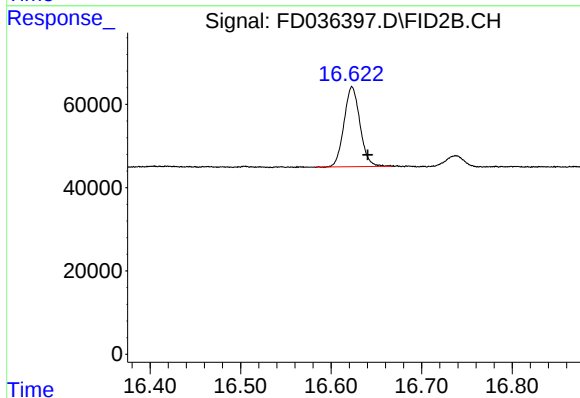
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: -0.019 min
Response: 238066
Conc: 2.02 ug/ml

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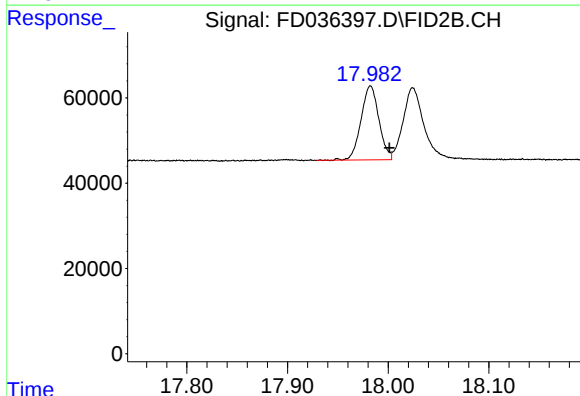
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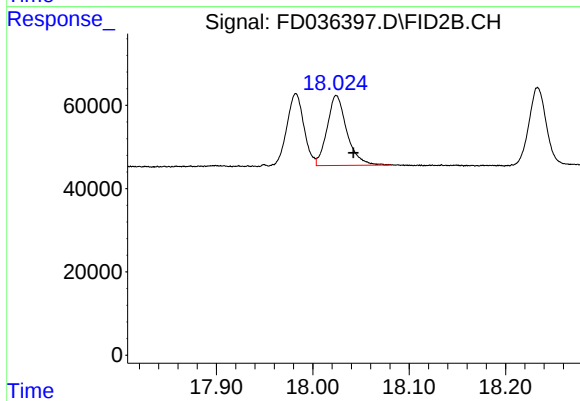
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.017 min
Response: 235546
Conc: 2.14 ug/ml



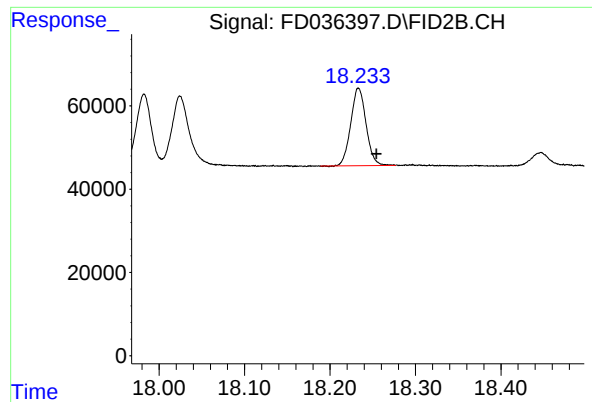
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min
Delta R.T.: -0.019 min
Response: 213305
Conc: 1.93 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.017 min
Response: 238652
Conc: 2.16 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.021 min
Response: 232138
Conc: 2.10 ug/ml

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