

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036393.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 11:02
 Operator : DD\AJ
 Sample : M1458-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

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

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 02:12:20 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	5414991	45.940 ug/ml
Spiked Amount 50.000		Recovery =	91.88%
6) S 2-Fluorobiphenyl (SURR)	8.461	3675655	44.167 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.33%
11) S ortho-Terphenyl (SURR)	11.503	5244124	37.223 ug/ml
Spiked Amount 50.000		Recovery =	74.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	206254	1.645 ug/ml
2) T Naphthalene (C11.7)	5.938	240076	1.772 ug/ml
3) T 2-Methylnaphthalene (...)	6.987	260879	1.910 ug/ml
5) T Acenaphthylene (C15.06)	8.262	238710	1.774 ug/ml
7) T Acenaphthene (C15.5)	8.556	245291	1.772 ug/ml
8) T Fluorene (C16.55)	9.335	249628	1.829 ug/ml
9) T Phenanthrene (C19.36)	10.729	270991	1.967 ug/mlm
10) T Anthracene (C19.43)	10.803	233407	1.739 ug/ml
12) T Fluoranthene (C21.85)	12.537	257085	1.851 ug/ml
13) T Pyrene (C20.8)	12.833	252303	1.840 ug/ml
14) T Benzo[a]anthracene (C...	14.699	224766	1.777 ug/mlm
15) T Chrysene (C27.41)	14.741	274530	2.120 ug/mlm
16) T benzo[b]fluoranthene ...	16.244	228017	1.874 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.275	222461	1.889 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	218400	1.980 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	193450	1.748 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	216750	1.959 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	213377	1.930 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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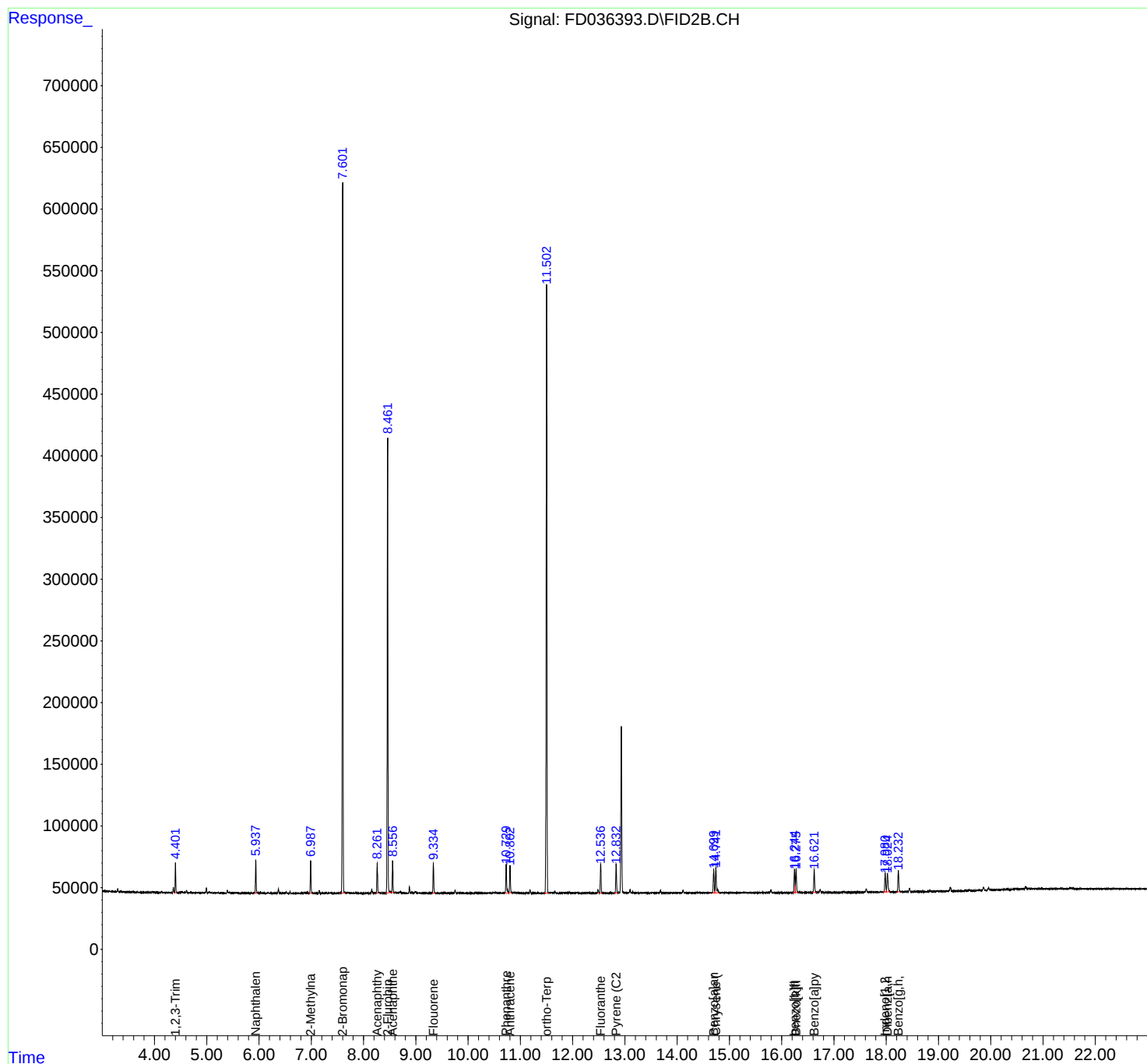
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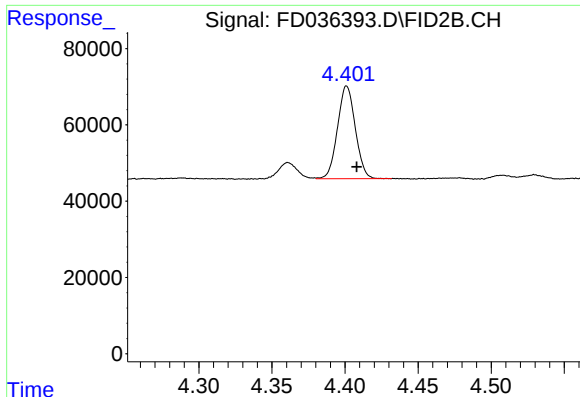
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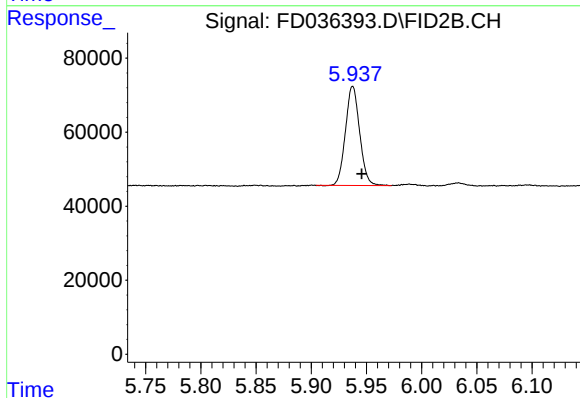
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 206254
Conc: 1.65 ug/ml

Instrument :
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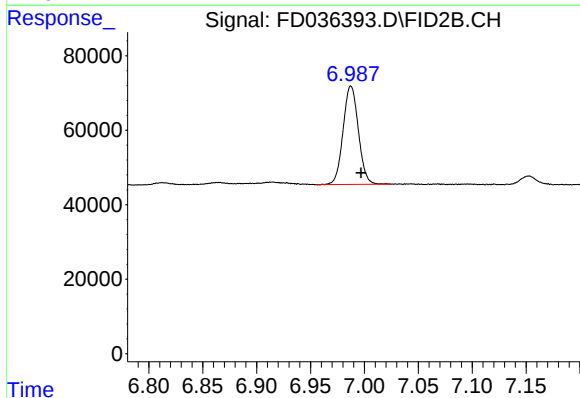
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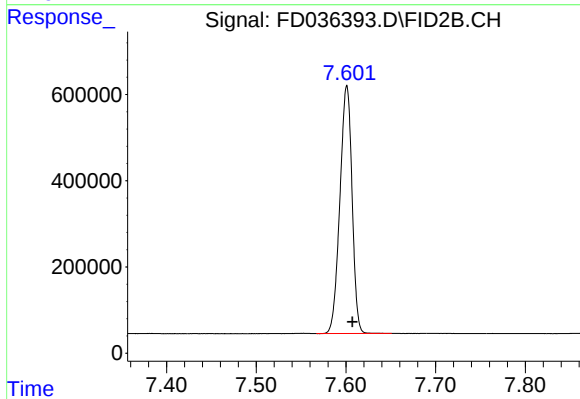
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 240076
Conc: 1.77 ug/ml



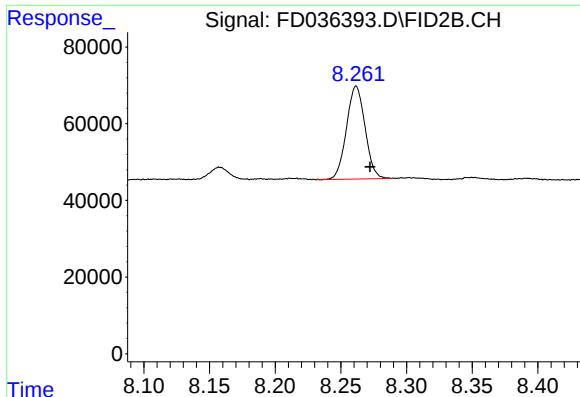
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.010 min
Response: 260879
Conc: 1.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 5414991
Conc: 45.94 ug/ml



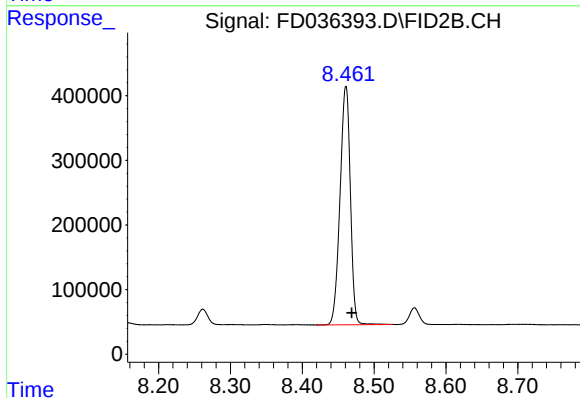
#5 Acenaphthylene (C15.06)

R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 238710
Conc: 1.77 ug/ml

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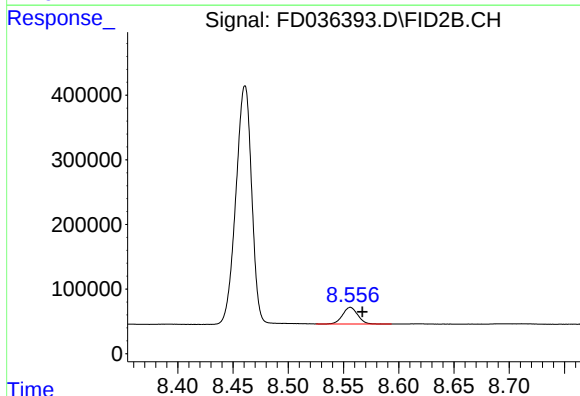
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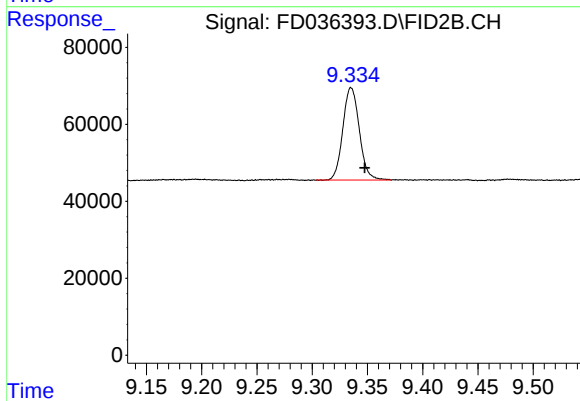
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 3675655
Conc: 44.17 ug/ml



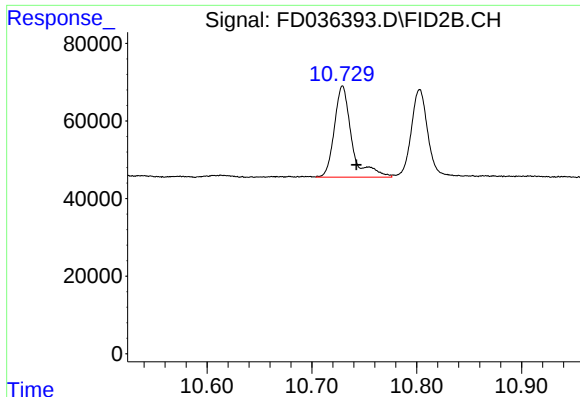
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 245291
Conc: 1.77 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.012 min
Response: 249628
Conc: 1.83 ug/ml



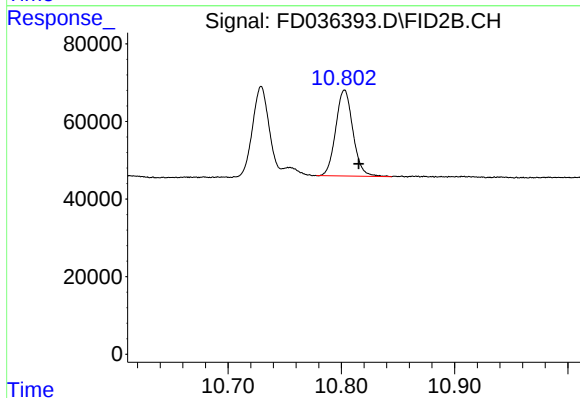
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.013 min
Response: 270991
Conc: 1.97 ug/ml m

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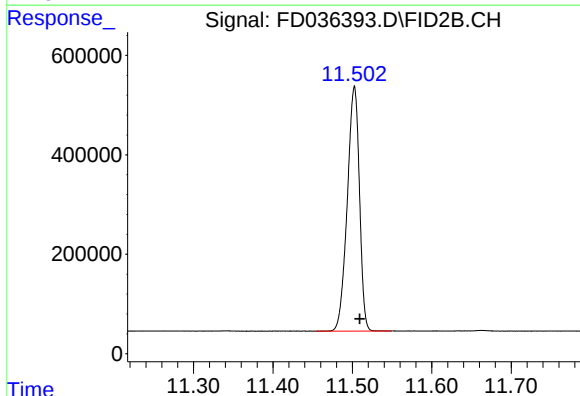
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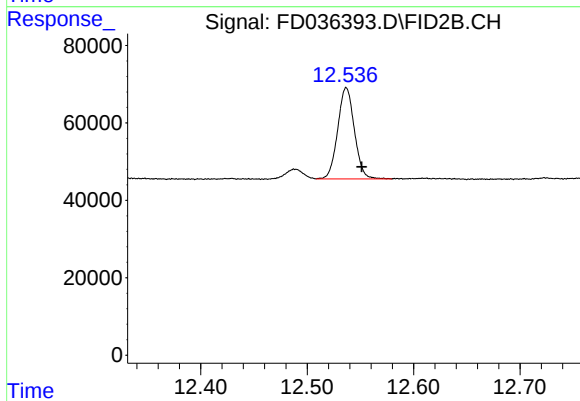
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.013 min
Response: 233407
Conc: 1.74 ug/ml



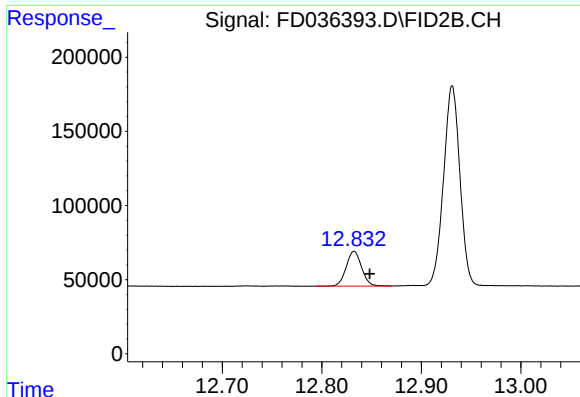
#11 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.007 min
Response: 5244124
Conc: 37.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.015 min
Response: 257085
Conc: 1.85 ug/ml



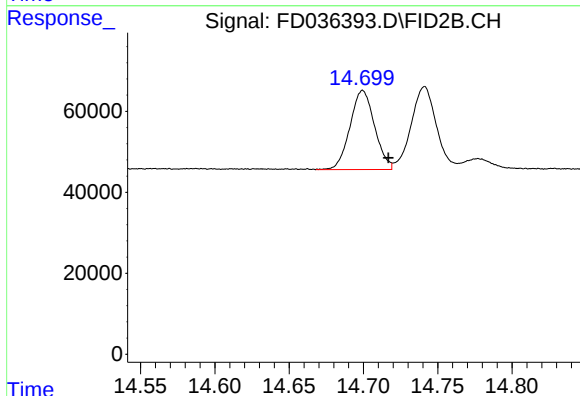
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.016 min
Response: 252303
Conc: 1.84 ug/ml

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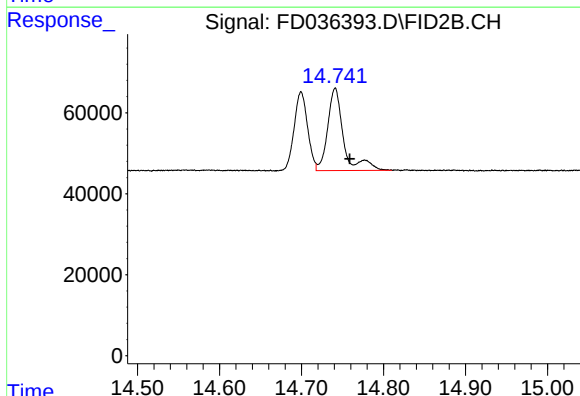
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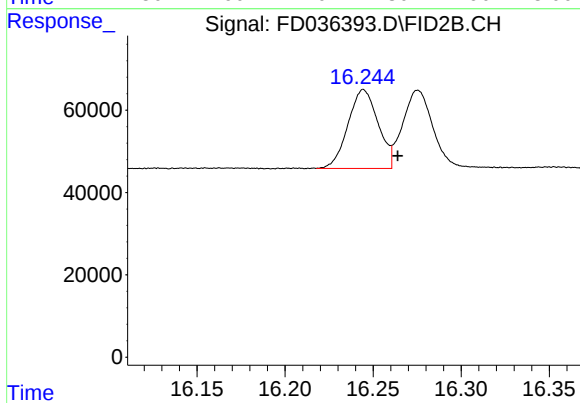
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.018 min
Response: 224766
Conc: 1.78 ug/ml m



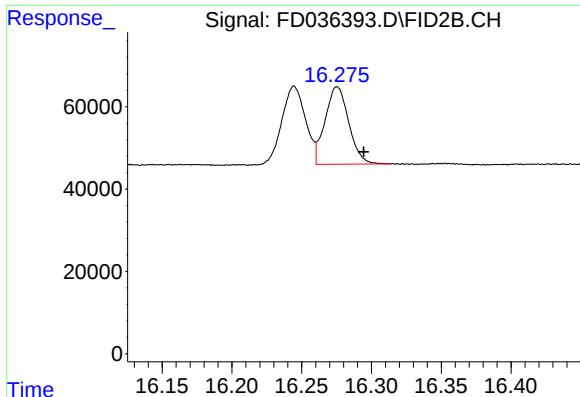
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: -0.018 min
Response: 274530
Conc: 2.12 ug/ml m



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

R.T.: 16.244 min
Delta R.T.: -0.020 min
Response: 228017
Conc: 1.87 ug/ml m



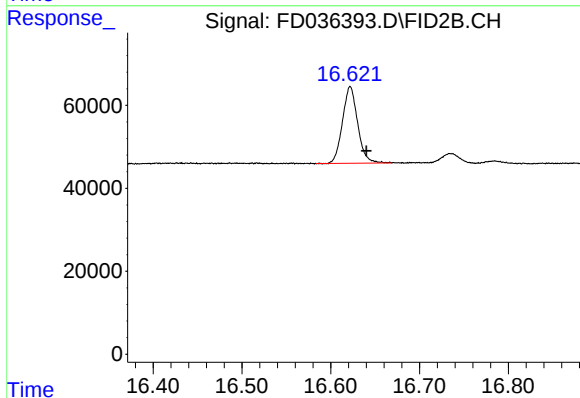
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.275 min
Delta R.T.: -0.019 min
Response: 222461
Conc: 1.89 ug/ml

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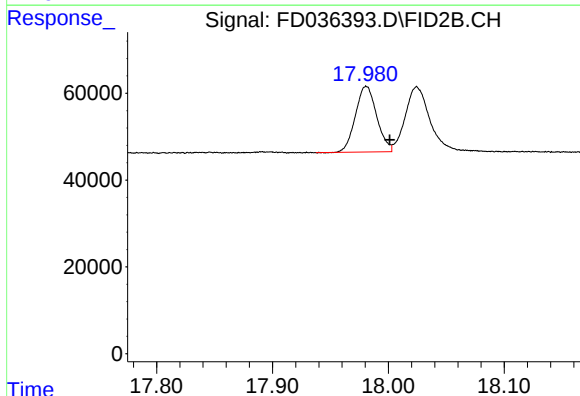
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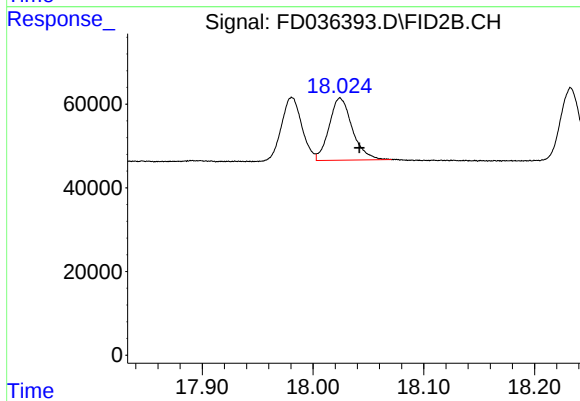
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: -0.018 min
Response: 218400
Conc: 1.98 ug/ml



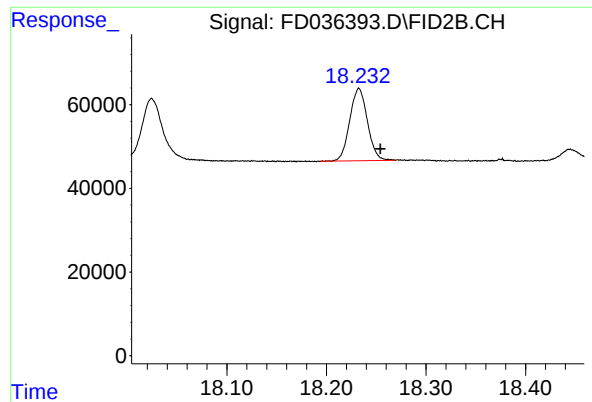
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: -0.020 min
Response: 193450
Conc: 1.75 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.017 min
Response: 216750
Conc: 1.96 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.022 min
Response: 213377
Conc: 1.93 ug/ml

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