

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036422.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2021 9:33
 Operator : DD\AJ
 Sample : M1458-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 71 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 10:24:33 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...	7.602	5776843	49.010 ug/ml
Spiked Amount 50.000		Recovery =	98.02%
6) S 2-Fluorobiphenyl (SURR)	8.462	3924570	47.158 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	94.32%
11) S ortho-Terphenyl (SURR)	11.504	5534816	39.286 ug/ml
Spiked Amount 50.000		Recovery =	78.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	239634	1.911 ug/ml
2) T Naphthalene (C11.7)	5.938	277481	2.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	298562	2.186 ug/ml
5) T Acenaphthylene (C15.06)	8.262	270375	2.010 ug/ml
7) T Acenaphthene (C15.5)	8.557	280133	2.024 ug/ml
8) T Fluorene (C16.55)	9.336	280092	2.052 ug/ml
9) T Phenanthrene (C19.36)	10.729	306473	2.224 ug/mlm
10) T Anthracene (C19.43)	10.804	267360	1.991 ug/ml
12) T Fluoranthene (C21.85)	12.538	285790	2.058 ug/ml
13) T Pyrene (C20.8)	12.833	278946	2.035 ug/ml
14) T Benzo[a]anthracene (C...	14.701	254278	2.010 ug/mlm
15) T Chrysene (C27.41)	14.742	304693	2.353 ug/mlm
16) T benzo[b]fluoranthene ...	16.245	254549	2.092 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	253014	2.149 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	247071	2.240 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	228030	2.061 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	277190	2.505 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	243658	2.204 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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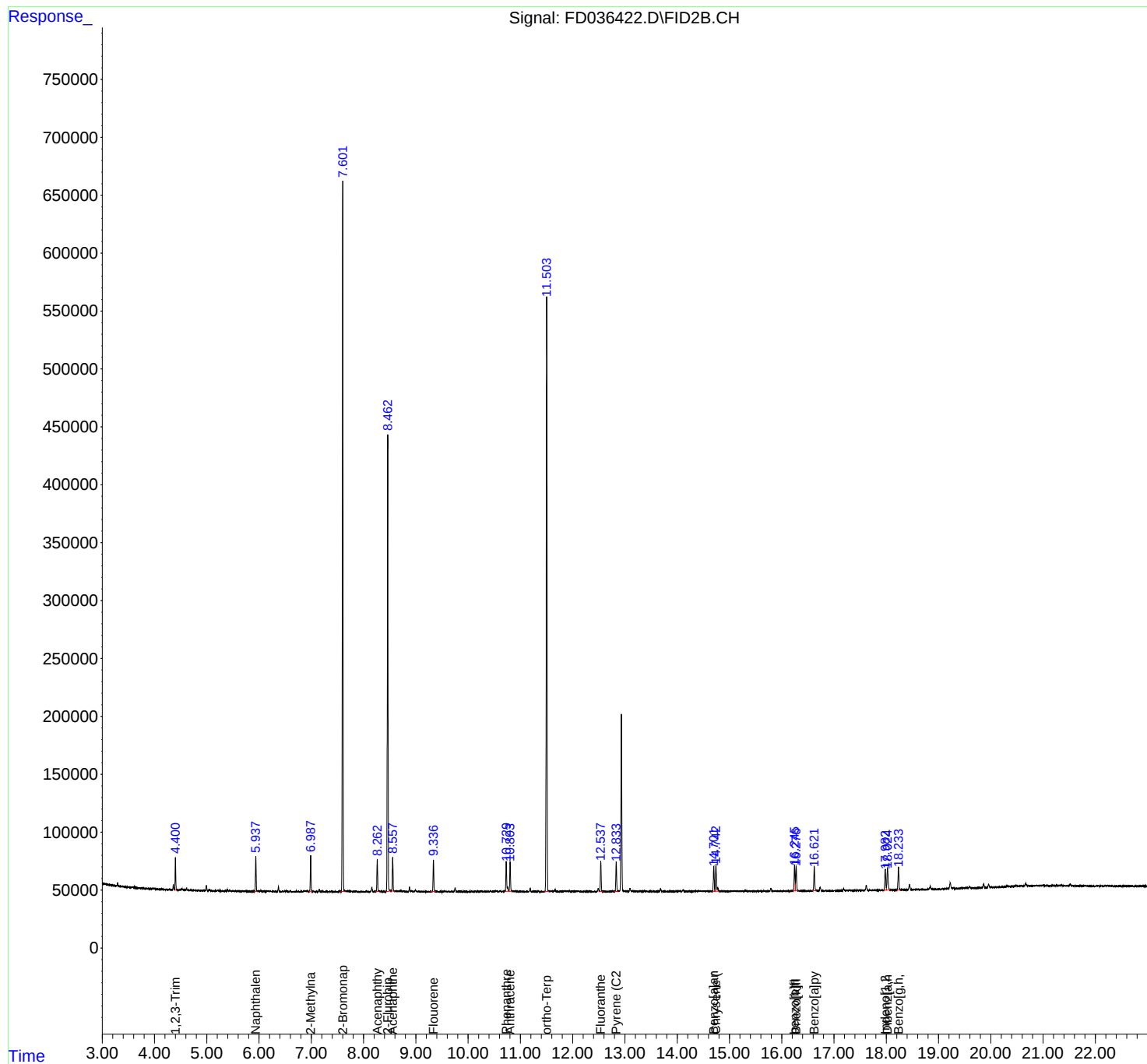
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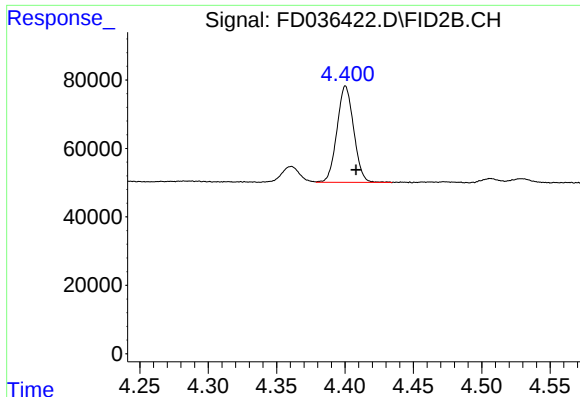
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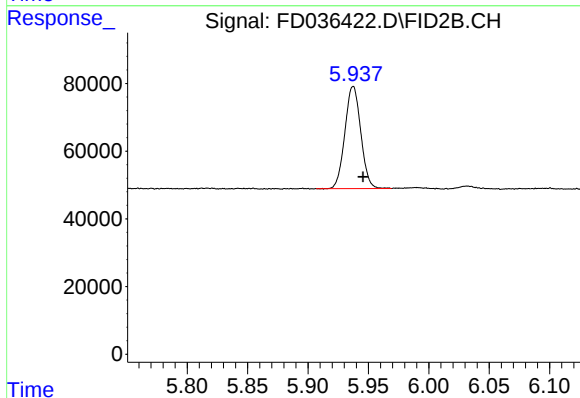
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min
Delta R.T.: -0.008 min
Response: 239634
Conc: 1.91 ug/ml

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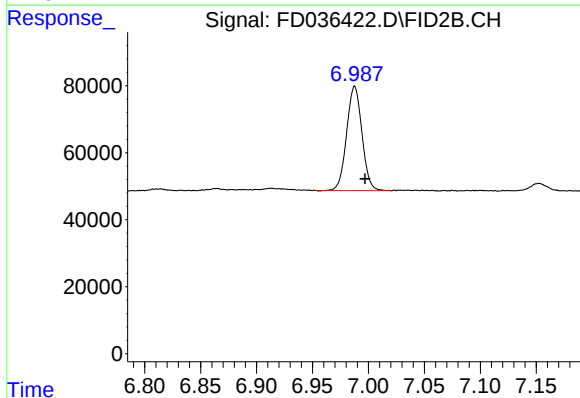
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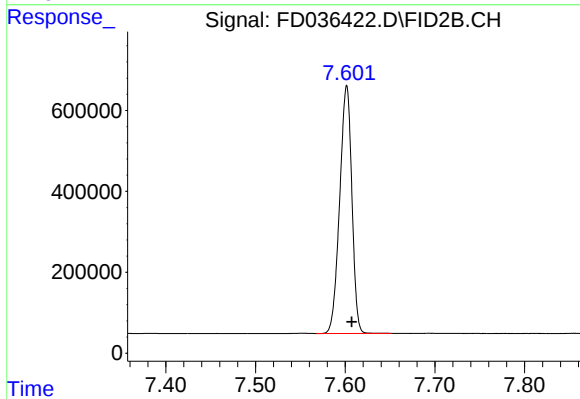
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 277481
Conc: 2.05 ug/ml



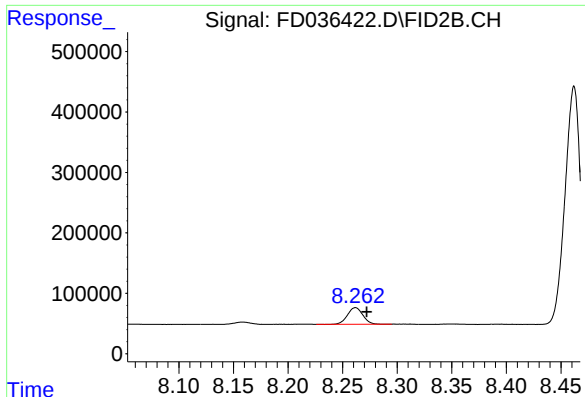
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.009 min
Response: 298562
Conc: 2.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.602 min
Delta R.T.: -0.005 min
Response: 5776843
Conc: 49.01 ug/ml



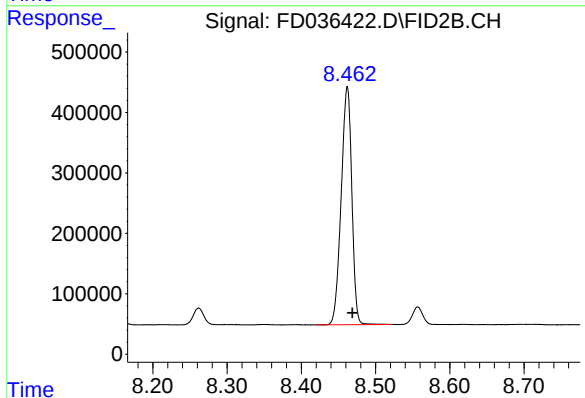
#5 Acenaphthylene (C15.06)

R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 270375
Conc: 2.01 ug/ml

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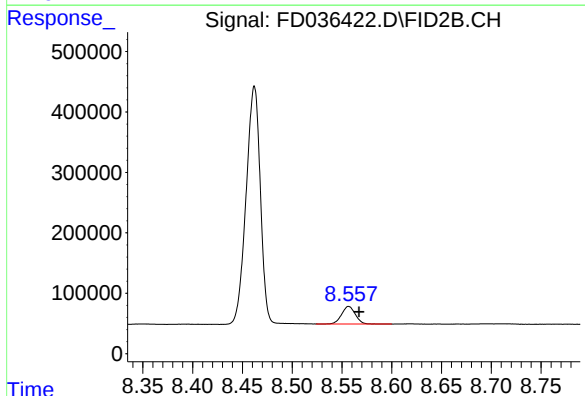
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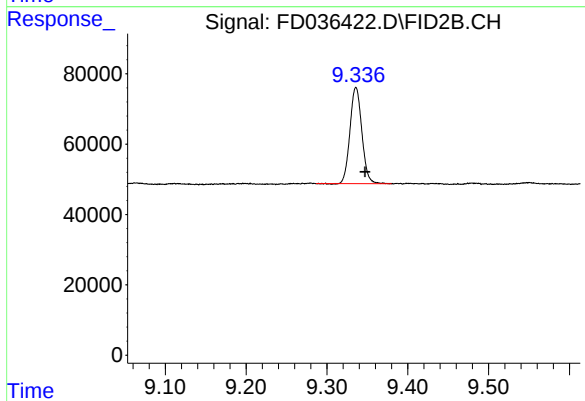
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 3924570
Conc: 47.16 ug/ml



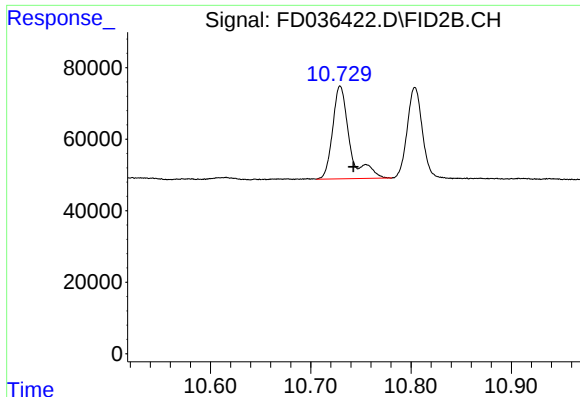
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: -0.010 min
Response: 280133
Conc: 2.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: -0.011 min
Response: 280092
Conc: 2.05 ug/ml



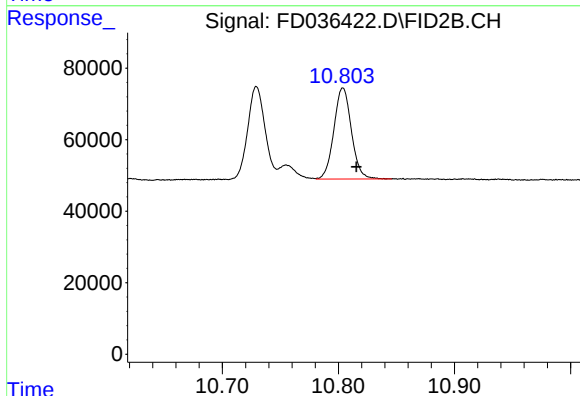
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.014 min
Response: 306473
Conc: 2.22 ug/ml m

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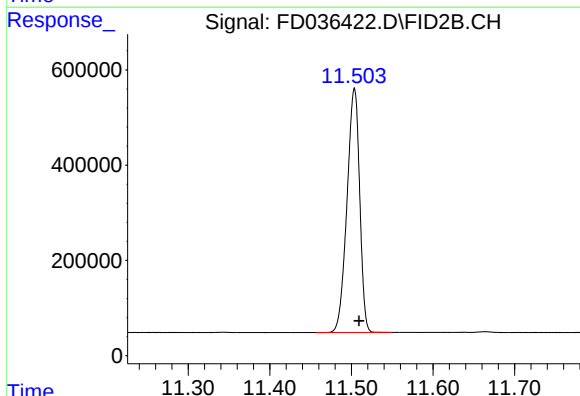
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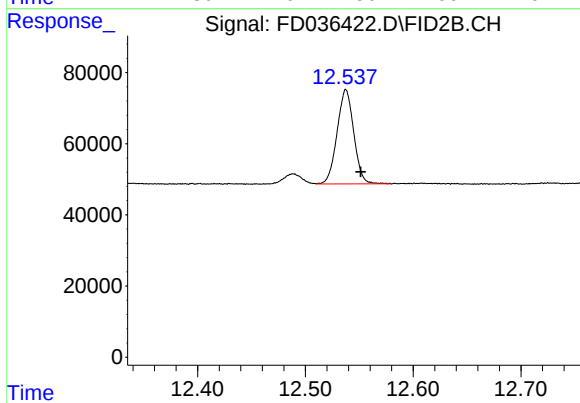
#10 Anthracene (C19.43)

R.T.: 10.804 min
Delta R.T.: -0.012 min
Response: 267360
Conc: 1.99 ug/ml



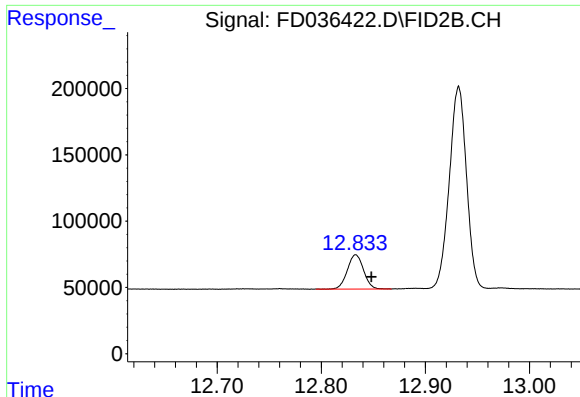
#11 ortho-Terphenyl (SURRE)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 5534816
Conc: 39.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.014 min
Response: 285790
Conc: 2.06 ug/ml



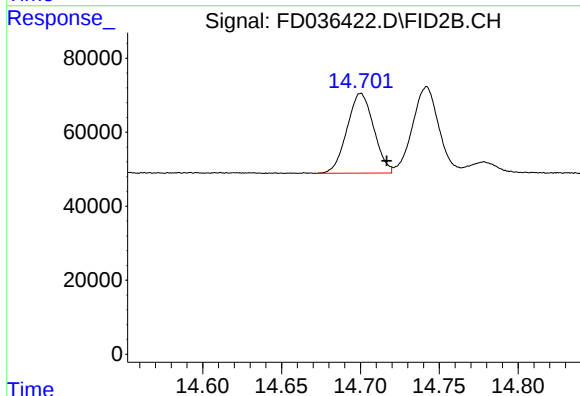
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 278946
Conc: 2.03 ug/ml

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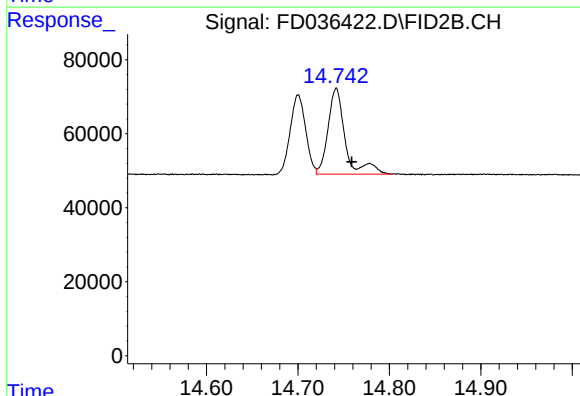
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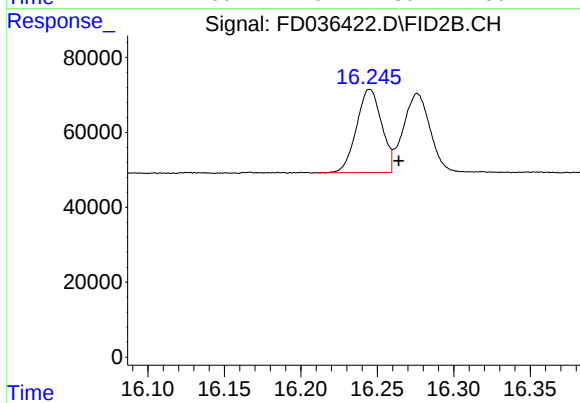
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 254278
Conc: 2.01 ug/ml m



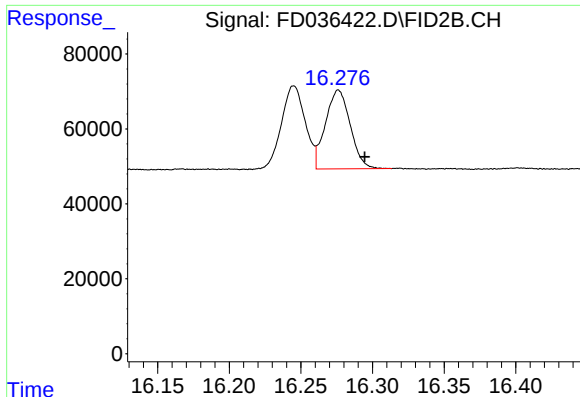
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 304693
Conc: 2.35 ug/ml m



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

R.T.: 16.245 min
Delta R.T.: -0.019 min
Response: 254549
Conc: 2.09 ug/ml m



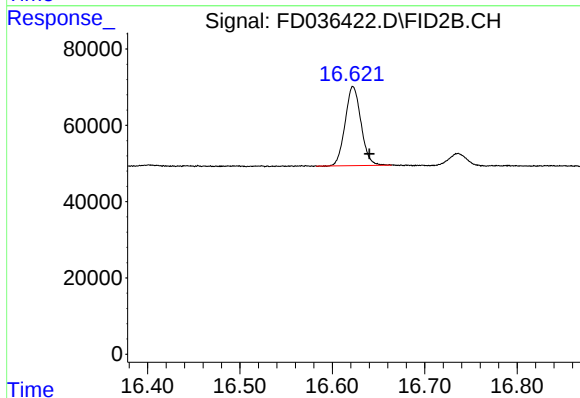
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: -0.018 min
Response: 253014
Conc: 2.15 ug/ml

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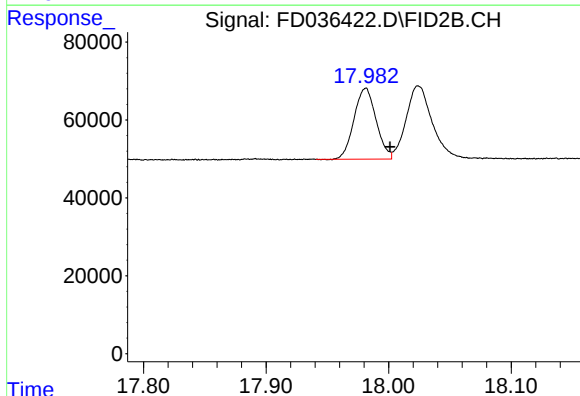
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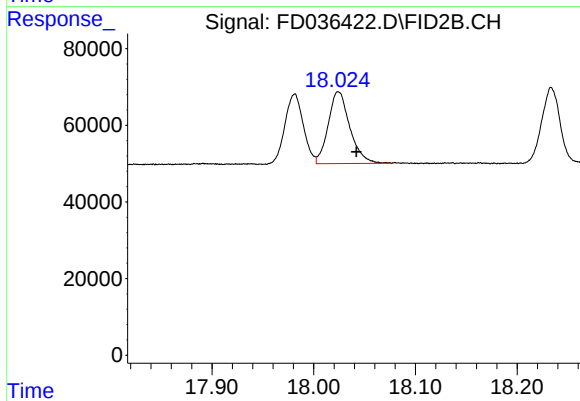
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: -0.018 min
Response: 247071
Conc: 2.24 ug/ml



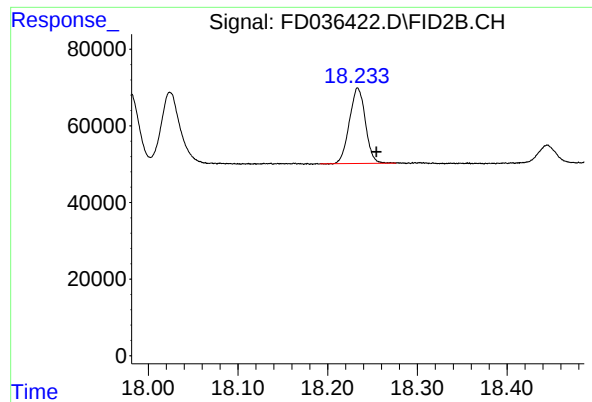
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: -0.020 min
Response: 228030
Conc: 2.06 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.018 min
Response: 277190
Conc: 2.50 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.021 min
Response: 243658
Conc: 2.20 ug/ml

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