

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033464.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 11:26
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
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 5/13/2020 5:02:54 PM

Integration File: sample.E
 Quant Time: May 13 04:08:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.585	5068000	46.083 ug/ml
Spiked Amount 50.000		Recovery =	92.17%
6) S 2-Fluorobiphenyl (SURR)	8.447	3526835	47.497 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	94.99%
11) S ortho-Terphenyl (SURR)	11.479	5422392	42.020 ug/ml
Spiked Amount 50.000		Recovery =	84.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	203870	1.791 ug/mlm
2) T Naphthalene (C11.7)	5.932	228003	1.934 ug/mlm
3) T 2-Methylnaphthalene (...)	6.981	228424	1.918 ug/mlm
5) T Acenaphthylene (C15.06)	8.250	251589	2.084 ug/mlm
7) T Acenaphthene (C15.5)	8.543	289780	2.296 ug/mlm
8) T Fluorene (C16.55)	9.327	230731	1.884 ug/mlm
9) T Phenanthrene (C19.36)	10.720	240242	1.900 ug/mlm
10) T Anthracene (C19.43)	10.797	239616	1.969 ug/mlm
12) T Fluoranthene (C21.85)	12.528	262467	2.026 ug/mlm
13) T Pyrene (C20.8)	12.823	264341	2.046 ug/mlm
14) T Benzo[a]anthracene (C...	14.697	212598	1.740 ug/mlm
15) T Chrysene (C27.41)	14.738	315733	2.452 ug/mlm
16) T benzo[b]fluoranthene ...	16.248	274962	2.210 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.279	277327	2.154 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.634	223534	1.810 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.004	247324	2.085 ug/mlm
20) T Dibenz[a,h]anthracene...	18.039	262775	2.125 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.251	259899	2.154 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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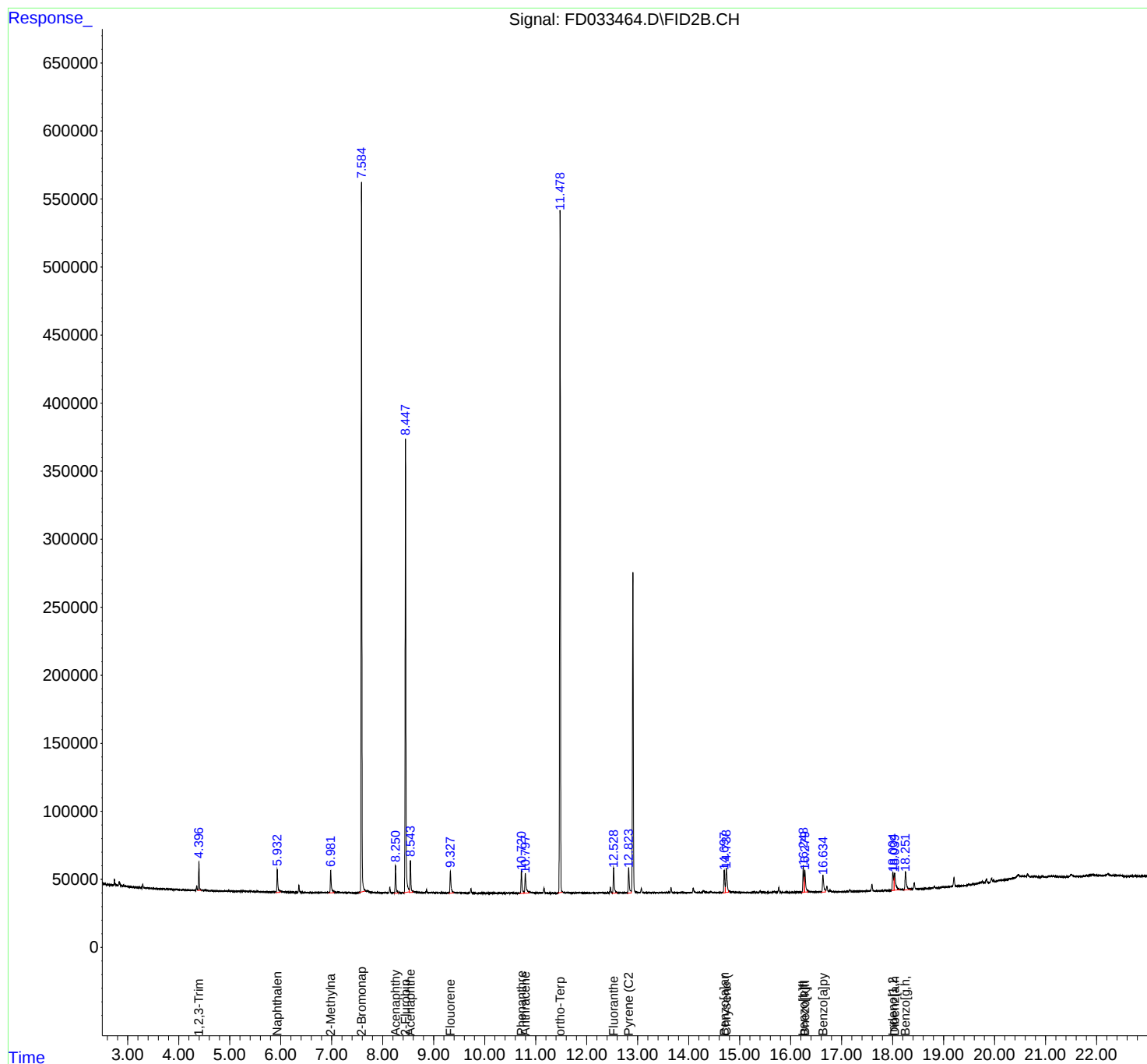
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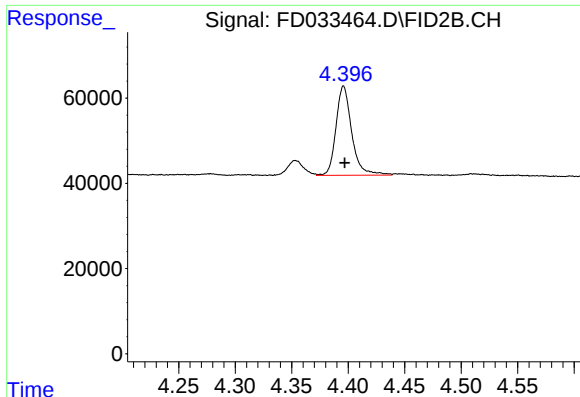
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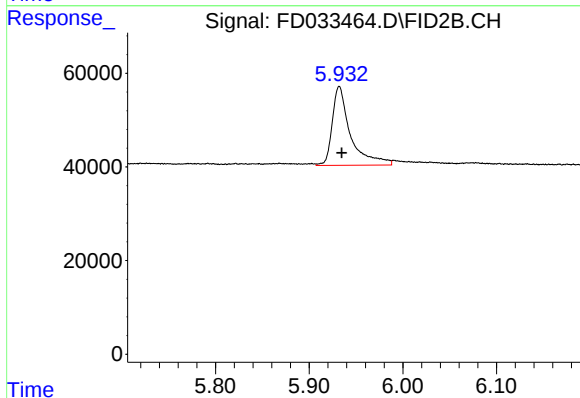
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.001 min
Response: 203870
Conc: 1.79 ug/ml m

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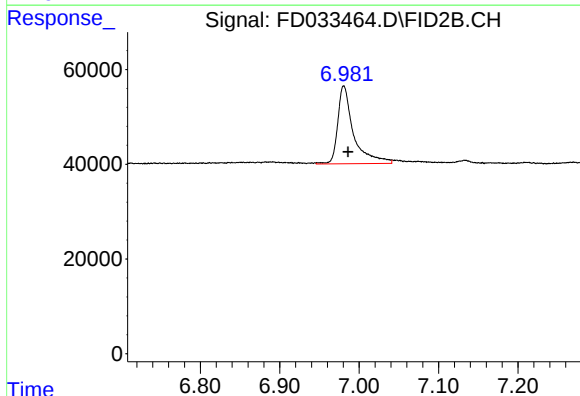
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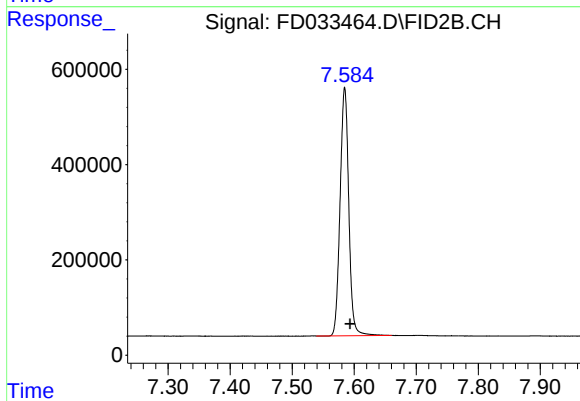
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 228003
Conc: 1.93 ug/ml m



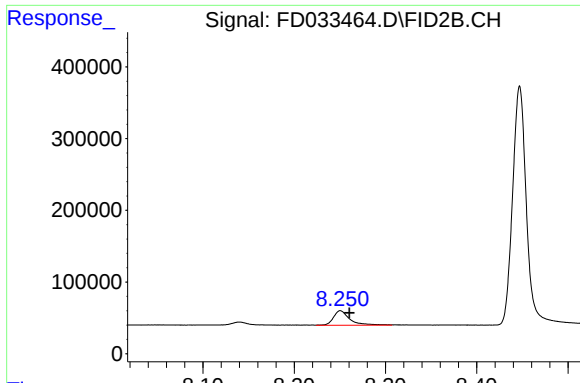
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.005 min
Response: 228424
Conc: 1.92 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 5068000
Conc: 46.08 ug/ml



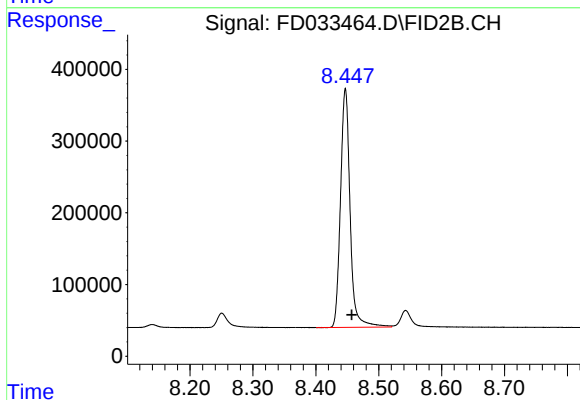
#5 Acenaphthylene (C15.06)

R.T.: 8.250 min
Delta R.T.: -0.011 min
Response: 251589
Conc: 2.08 ug/ml m

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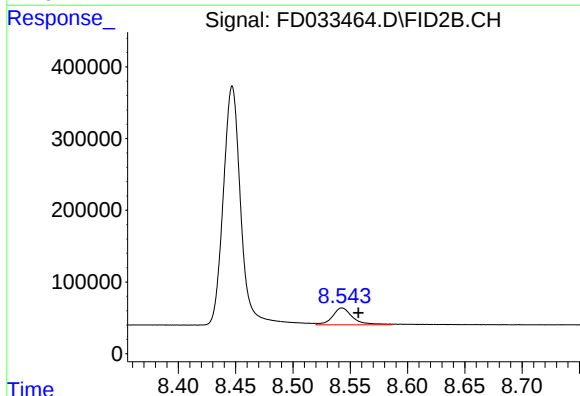
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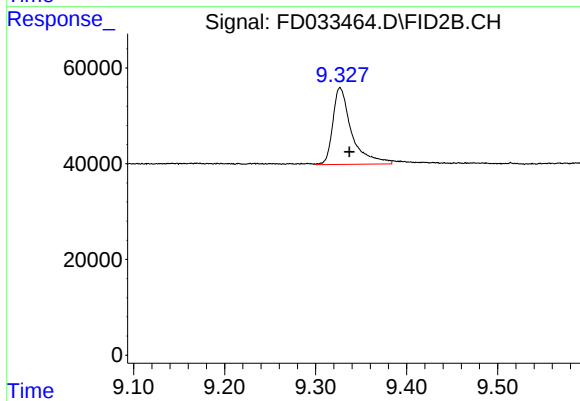
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 3526835
Conc: 47.50 ug/ml



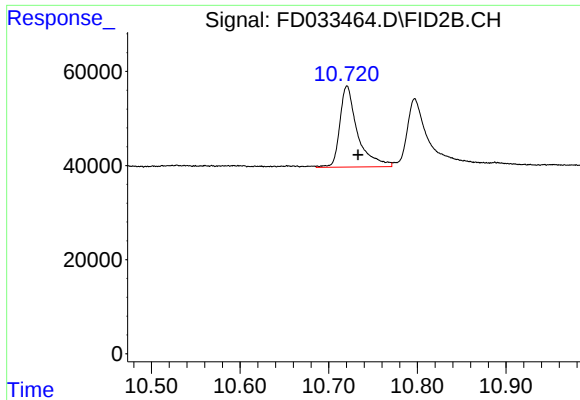
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.015 min
Response: 289780
Conc: 2.30 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.327 min
Delta R.T.: -0.011 min
Response: 230731
Conc: 1.88 ug/ml m



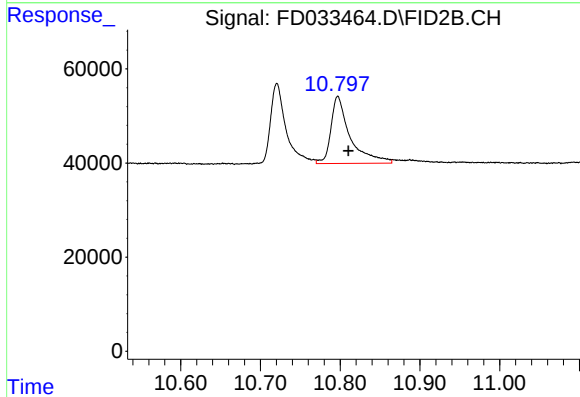
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.013 min
Response: 240242
Conc: 1.90 ug/ml m

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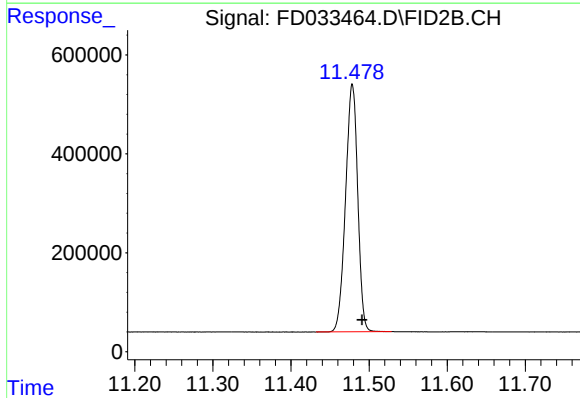
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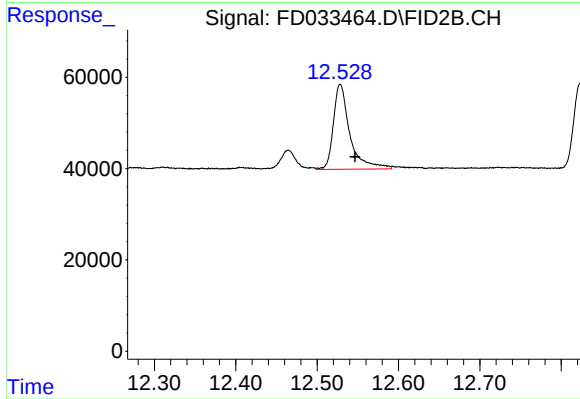
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.013 min
Response: 239616
Conc: 1.97 ug/ml m



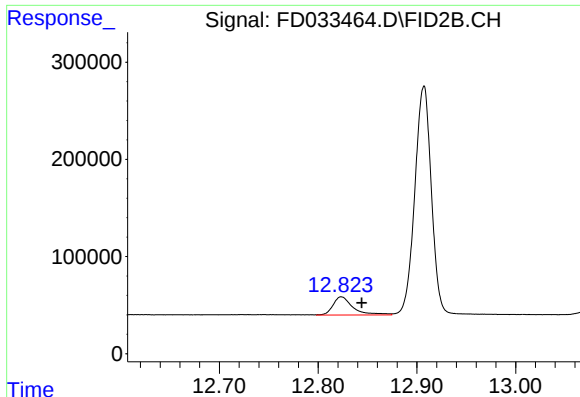
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5422392
Conc: 42.02 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.019 min
Response: 262467
Conc: 2.03 ug/ml m



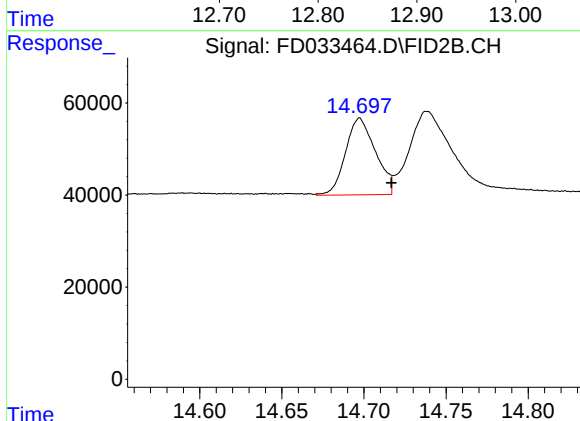
#13 Pyrene (C20.8)

R.T.: 12.823 min
Delta R.T.: -0.021 min
Response: 264341
Conc: 2.05 ug/ml m

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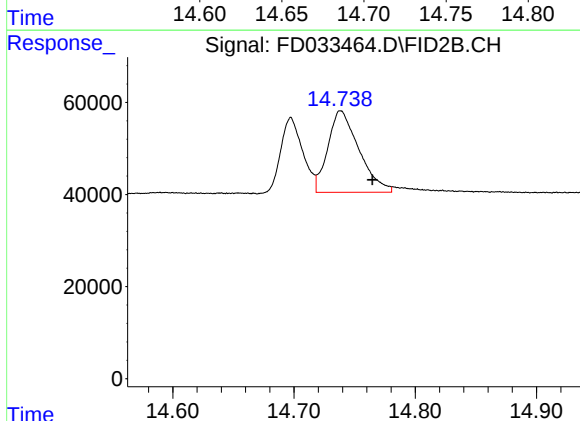
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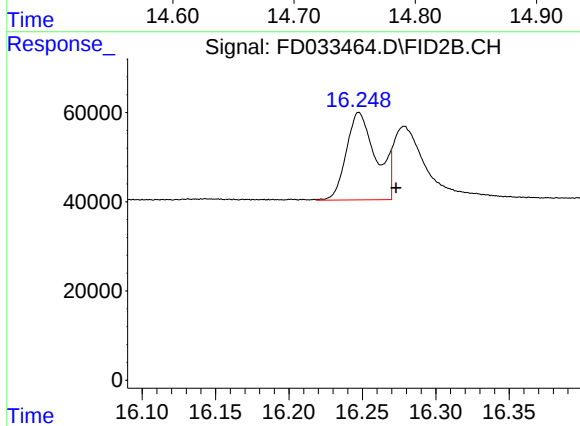
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: -0.020 min
Response: 212598
Conc: 1.74 ug/ml m



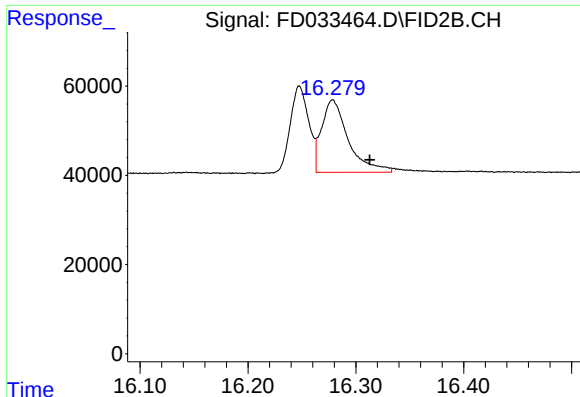
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.027 min
Response: 315733
Conc: 2.45 ug/ml m



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

R.T.: 16.248 min
Delta R.T.: -0.025 min
Response: 274962
Conc: 2.21 ug/ml m



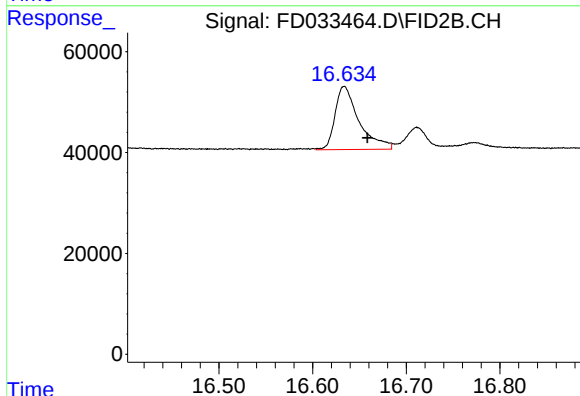
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.279 min
Delta R.T.: -0.034 min
Response: 277327
Conc: 2.15 ug/ml m

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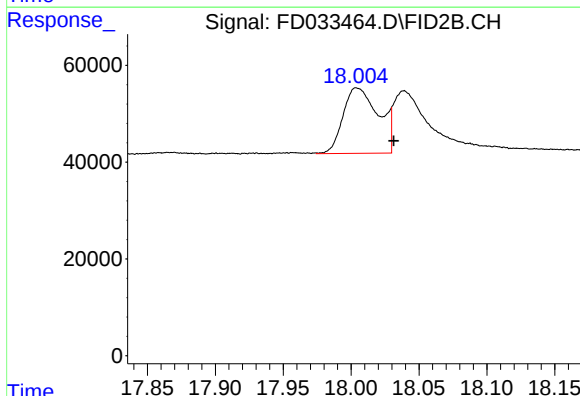
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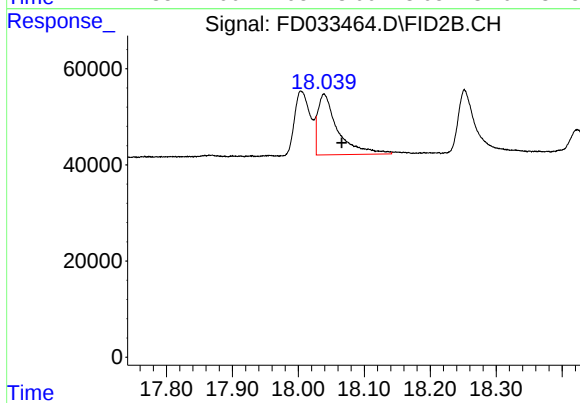
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.634 min
Delta R.T.: -0.024 min
Response: 223534
Conc: 1.81 ug/ml m



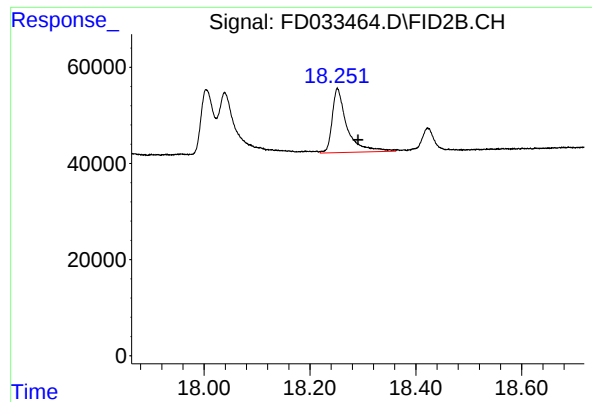
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.028 min
Response: 247324
Conc: 2.08 ug/ml m



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

R.T.: 18.039 min
Delta R.T.: -0.027 min
Response: 262775
Conc: 2.13 ug/ml m



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

R.T.: 18.251 min
Delta R.T.: -0.040 min
Response: 259899
Conc: 2.15 ug/ml m

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