

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036424.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2021 10:46
 Operator : DD\AJ
 Sample : M1458-02
 Misc : LOQ-SOIL- 5 PPM
 ALS Vial : 73 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 12:49:32 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...	7.603	8169378	69.308 ug/ml
Spiked Amount 50.000		Recovery =	138.62%
6) S 2-Fluorobiphenyl (SURR)	8.464	5542474	66.599 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	133.20%#
11) S ortho-Terphenyl (SURR)	11.505	8051828	57.152 ug/ml
Spiked Amount 50.000		Recovery =	114.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	643633	5.134 ug/ml
2) T Naphthalene (C11.7)	5.936	746135	5.506 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	789567	5.782 ug/ml
5) T Acenaphthylene (C15.06)	8.262	743369	5.525 ug/ml
7) T Acenaphthene (C15.5)	8.557	773713	5.590 ug/ml
8) T Fluorene (C16.55)	9.335	777421	5.697 ug/ml
9) T Phenanthrene (C19.36)	10.729	820279	5.954 ug/ml
10) T Anthracene (C19.43)	10.802	766395	5.708 ug/ml
12) T Fluoranthene (C21.85)	12.538	800264	5.763 ug/ml
13) T Pyrene (C20.8)	12.834	792238	5.779 ug/ml
14) T Benzo[a]anthracene (C...	14.701	730524	5.776 ug/ml
15) T Chrysene (C27.41)	14.743	762088	5.885 ug/ml
16) T benzo[b]fluoranthene ...	16.245	716482	5.887 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.277	705040	5.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	707576	6.416 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	652621	5.899 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	722768	6.531 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	693114	6.268 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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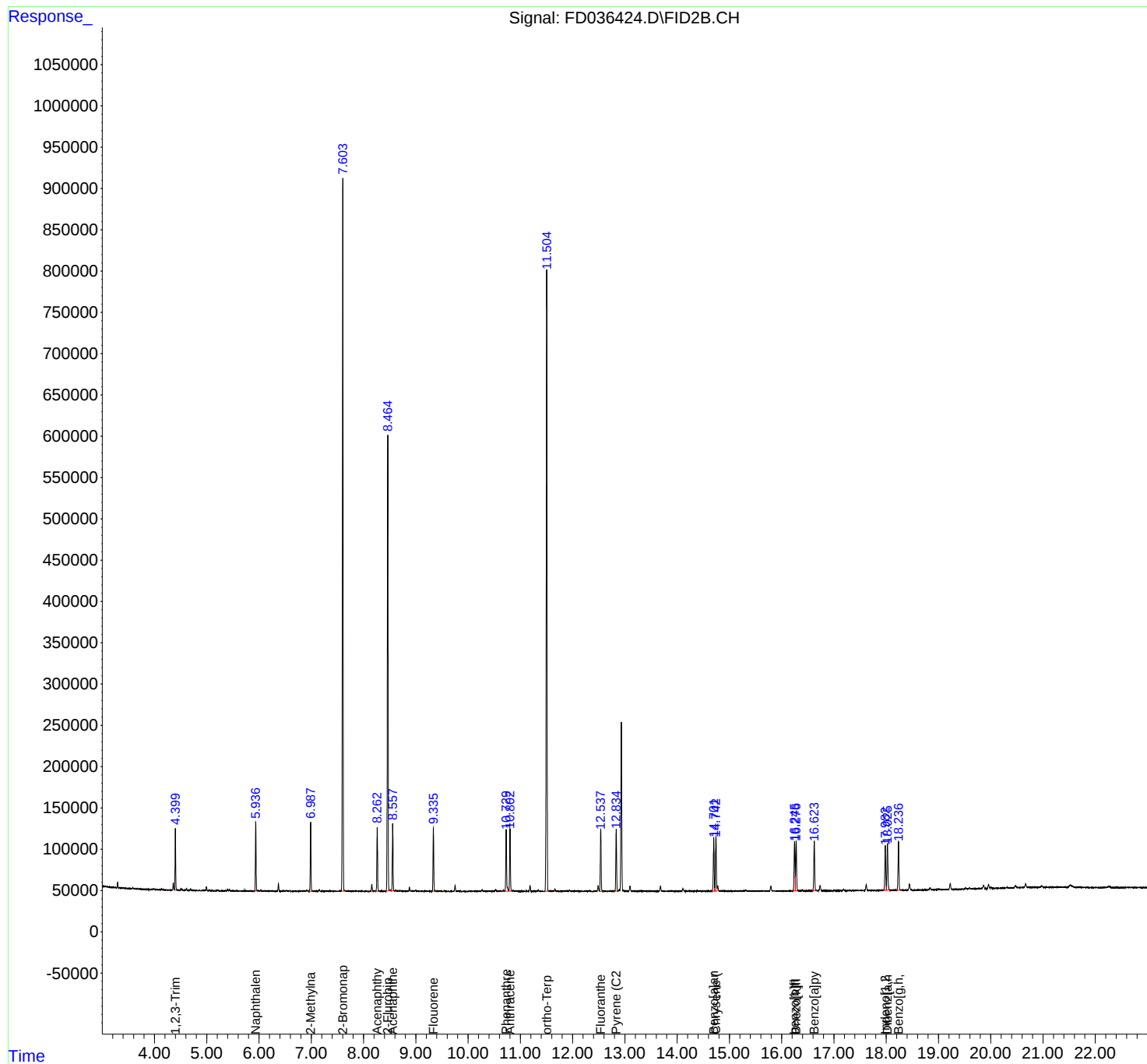
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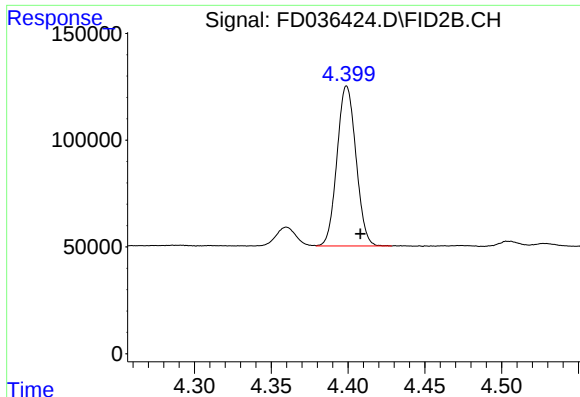
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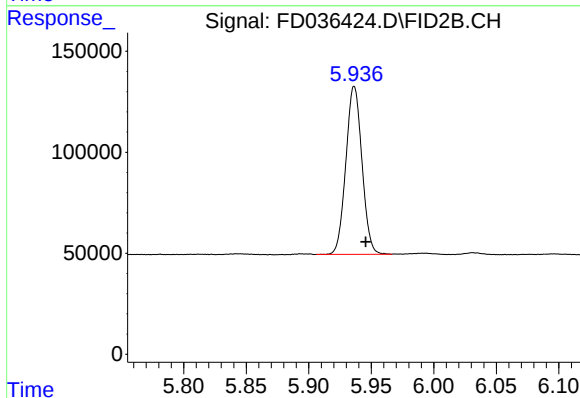
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.399 min
Delta R.T.: -0.009 min
Response: 643633
Conc: 5.13 ug/ml

Instrument :
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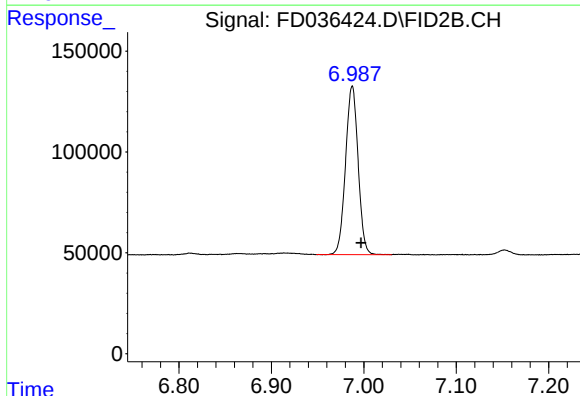
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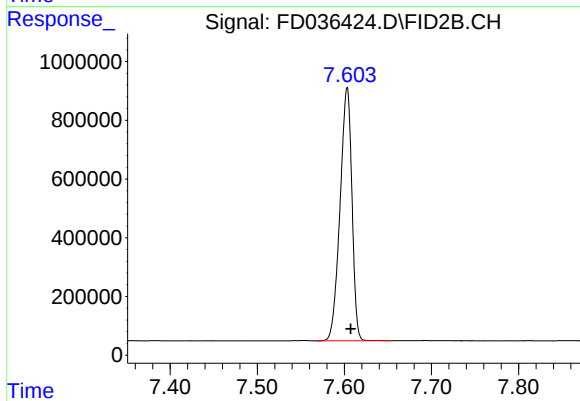
#2 Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 746135
Conc: 5.51 ug/ml



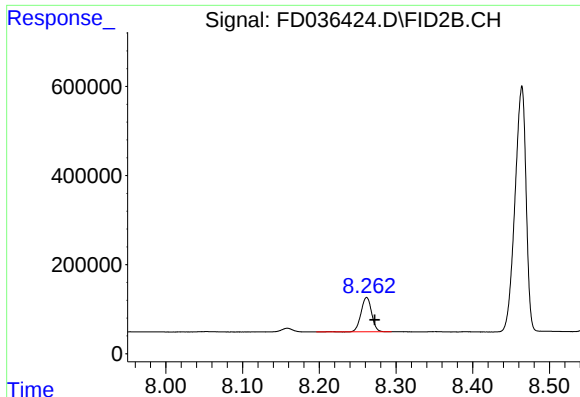
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.010 min
Response: 789567
Conc: 5.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.603 min
Delta R.T.: -0.004 min
Response: 8169378
Conc: 69.31 ug/ml



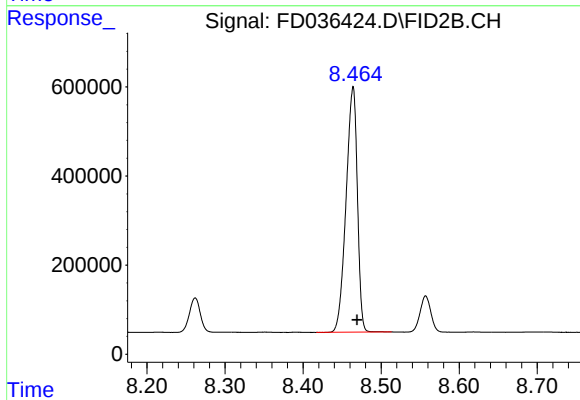
#5 Acenaphthylene (C15.06)

R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 743369
Conc: 5.53 ug/ml

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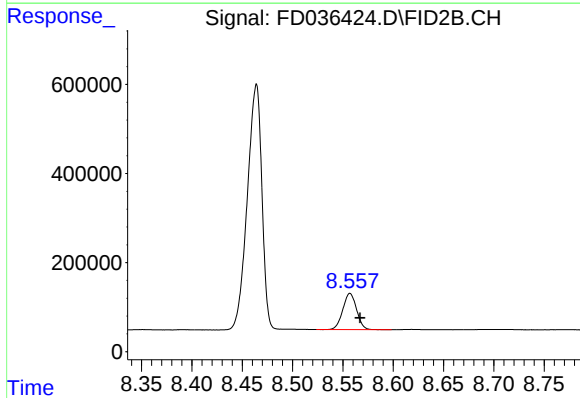
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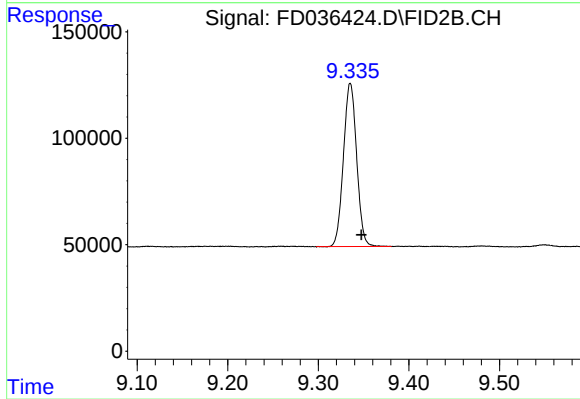
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 5542474
Conc: 66.60 ug/ml



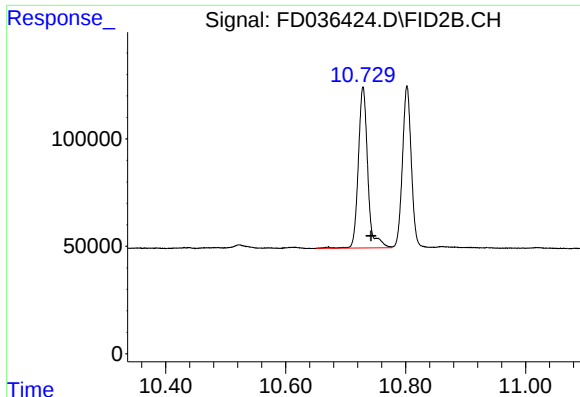
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: -0.010 min
Response: 773713
Conc: 5.59 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.012 min
Response: 777421
Conc: 5.70 ug/ml



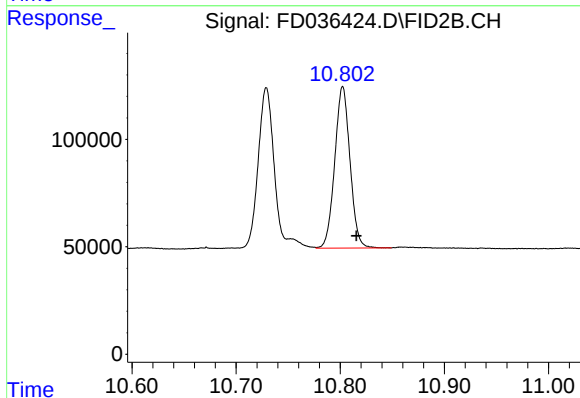
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.013 min
Response: 820279
Conc: 5.95 ug/ml

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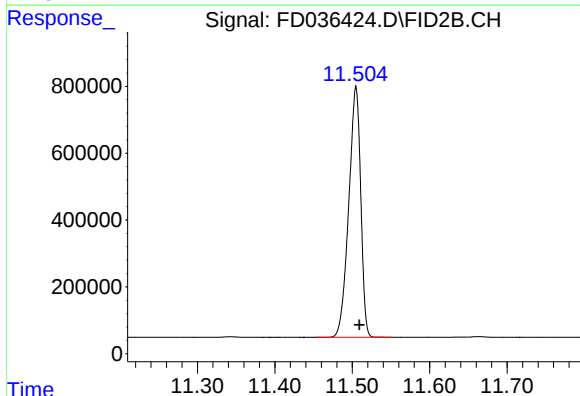
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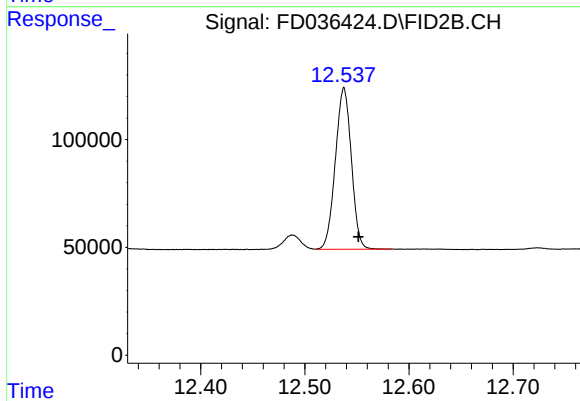
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.013 min
Response: 766395
Conc: 5.71 ug/ml



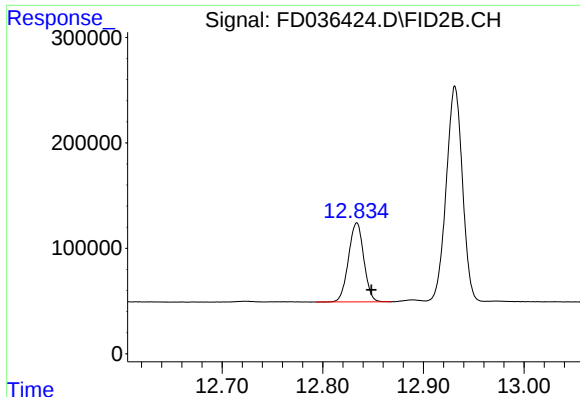
#11 ortho-Terphenyl (SURRE)

R.T.: 11.505 min
Delta R.T.: -0.005 min
Response: 8051828
Conc: 57.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.014 min
Response: 800264
Conc: 5.76 ug/ml



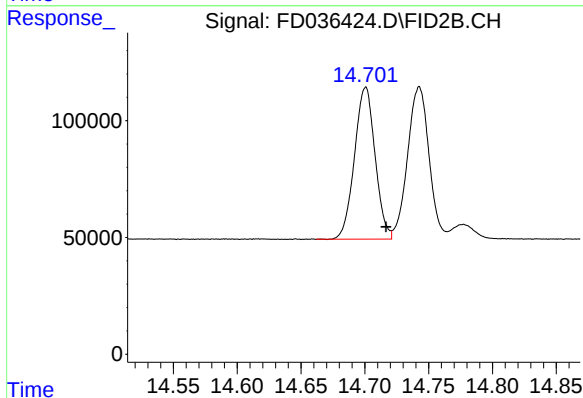
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.014 min
Response: 792238
Conc: 5.78 ug/ml

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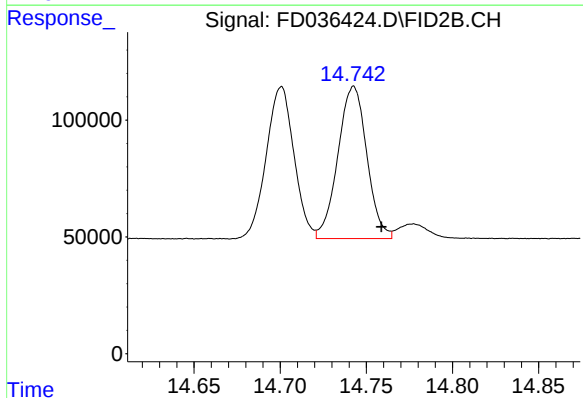
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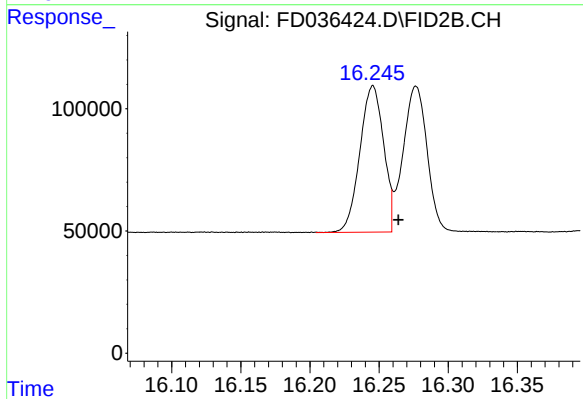
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 730524
Conc: 5.78 ug/ml



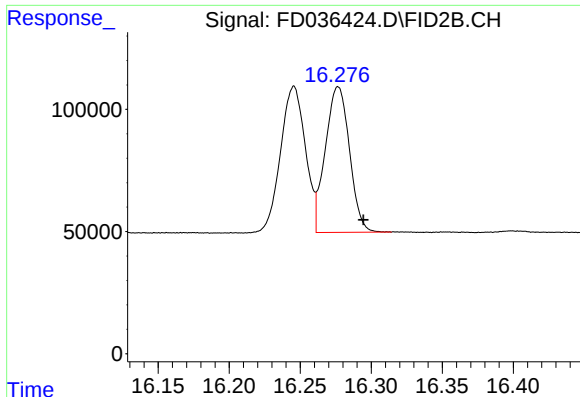
#15 Chrysene (C27.41)

R.T.: 14.743 min
Delta R.T.: -0.016 min
Response: 762088
Conc: 5.88 ug/ml



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

R.T.: 16.245 min
Delta R.T.: -0.019 min
Response: 716482
Conc: 5.89 ug/ml m



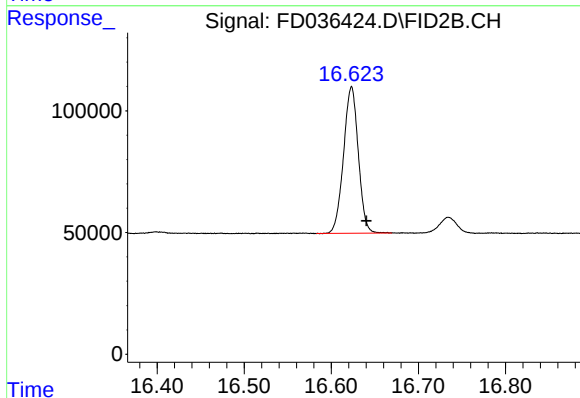
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.018 min
Response: 705040
Conc: 5.99 ug/ml

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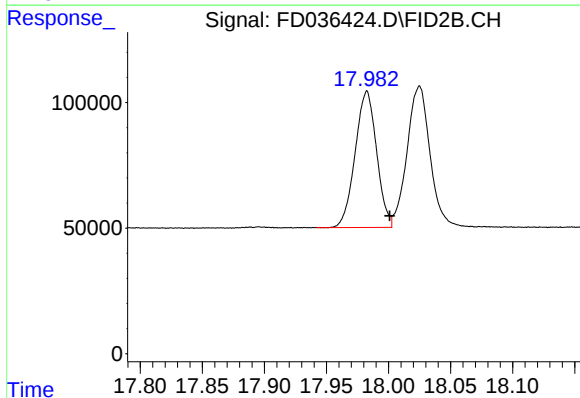
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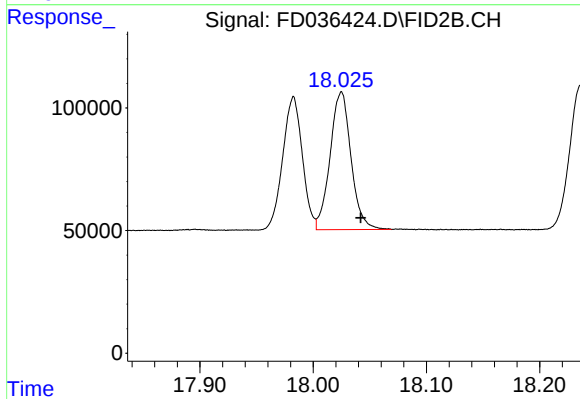
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.017 min
Response: 707576
Conc: 6.42 ug/ml



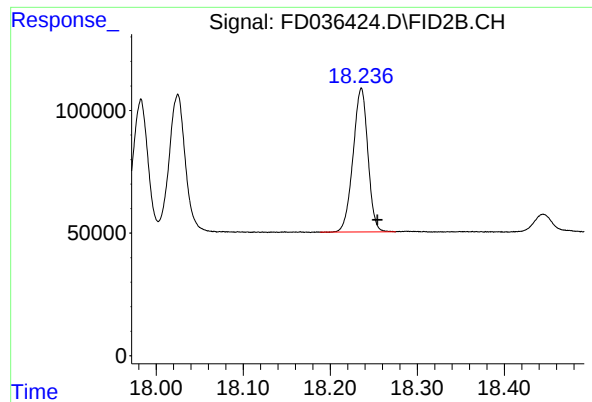
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: -0.019 min
Response: 652621
Conc: 5.90 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.017 min
Response: 722768
Conc: 6.53 ug/ml



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

R.T.: 18.236 min
Delta R.T.: -0.018 min
Response: 693114
Conc: 6.27 ug/ml

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