

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042903.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jun 2022 22:00
 Operator : UA/NP
 Sample : N3209-06MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14B-10MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: sample.E
 Quant Time: Jun 15 01:49:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.663	8166773	53.444 ug/mlm
Spiked Amount 50.000		Recovery =	106.89%
6) S 2-Fluorobiphenyl (SURR)	8.531	5553590	53.999 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.00%
11) S ortho-Terphenyl (SURR)	11.579	6136381	34.567 ug/mlm
Spiked Amount 50.000		Recovery =	69.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.453	7174807	42.853 ug/mlm
2) T Naphthalene (C11.7)	5.997	9108395	52.682 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	10868961	68.158 ug/mlm
5) T Acenaphthylene (C15.06)	8.335	12050352	69.747 ug/mlm
7) T Acenaphthene (C15.5)	8.633	10855317	63.088 ug/ml
8) T Flouorene (C16.55)	9.416	10345887	61.626 ug/mlm
9) T Phenanthrene (C19.36)	10.817	10489942	63.792 ug/mlm
10) T Anthracene (C19.43)	10.892	10104354	66.110 ug/mlm
12) T Fluoranthene (C21.85)	12.633	9378906	59.531 ug/ml
13) T Pyrene (C20.8)	12.931	9260580	59.482 ug/ml
14) T Benzo[a]anthracene (C...	14.808	8450172	63.376 ug/mlm
15) T Chrysene (C27.41)	14.854	10033507	75.943 ug/mlm
16) T benzo[b]fluoranthene ...	16.364	9075499	68.126 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	8042197	64.931 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.742	7969571	64.390 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	8665891	77.748 ug/ml
20) T Dibenz[a,h]anthracene...	18.152	7967478	71.627 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.372	8166166	68.706 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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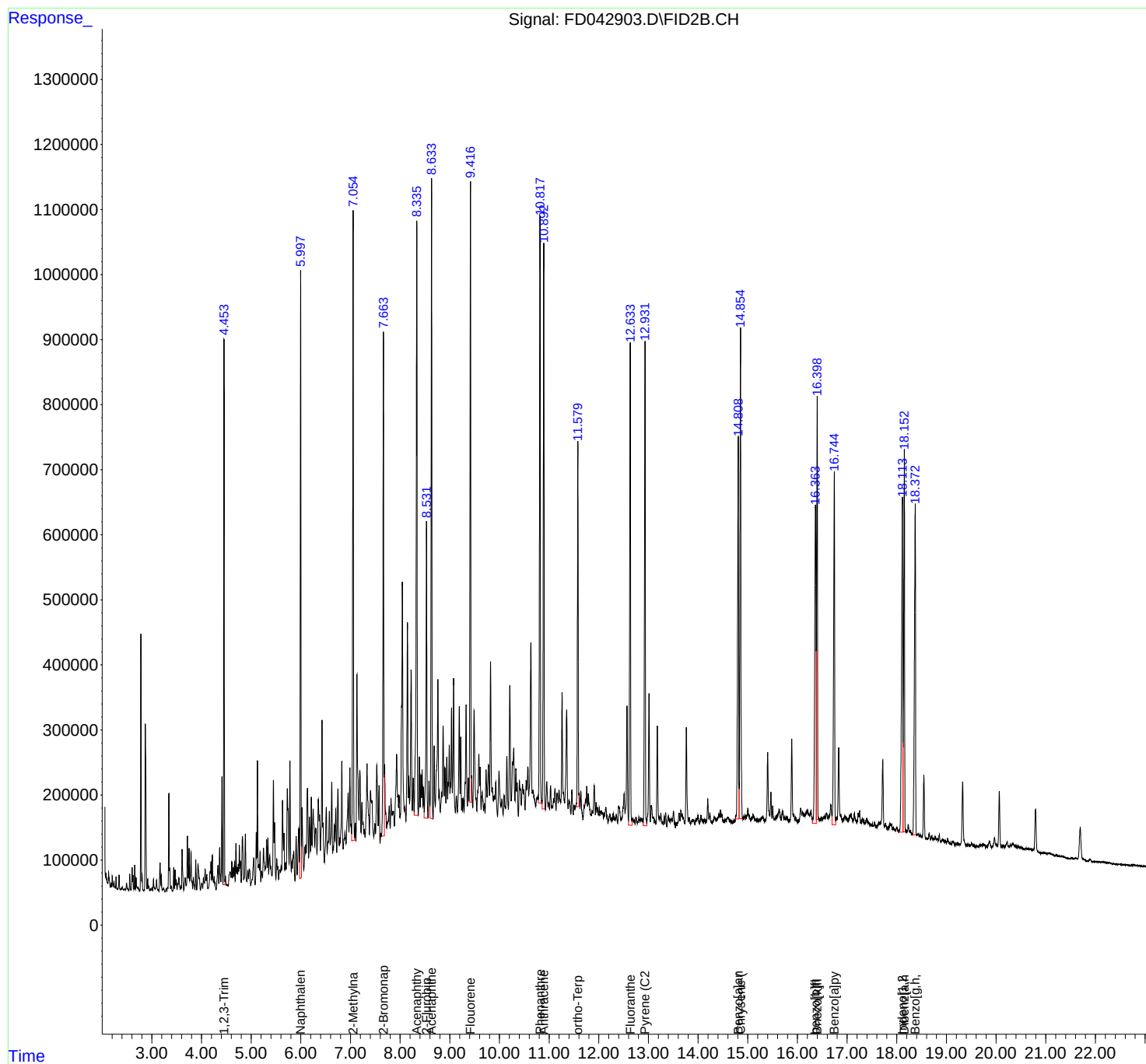
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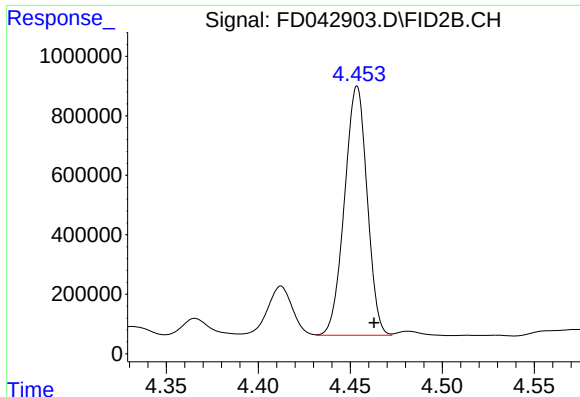
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.453 min
Delta R.T.: -0.010 min
Response: 7174807
Conc: 42.85 ug/ml

Instrument :

FID_D

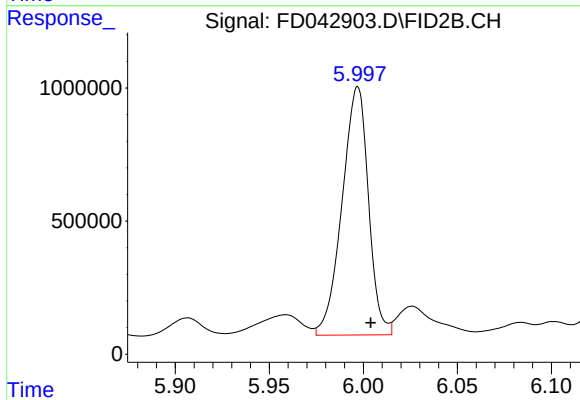
ClientSampleId :

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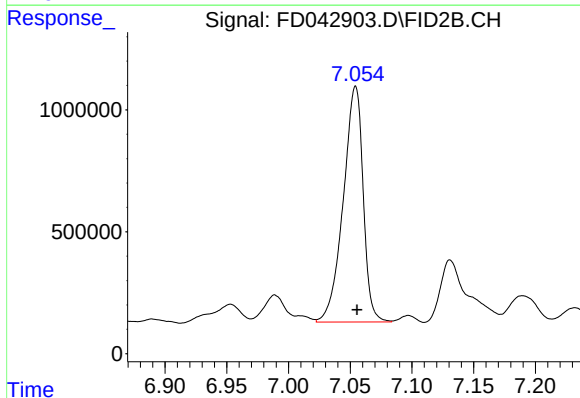
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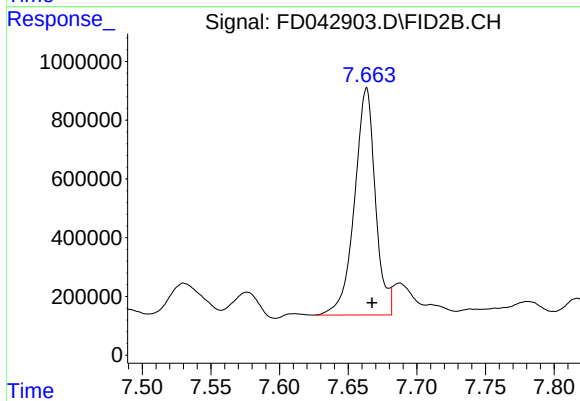
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 9108395
Conc: 52.68 ug/ml



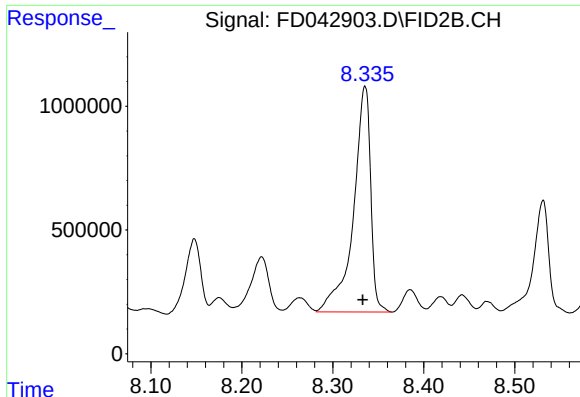
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 10868961
Conc: 68.16 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: -0.004 min
Response: 8166773
Conc: 53.44 ug/ml m



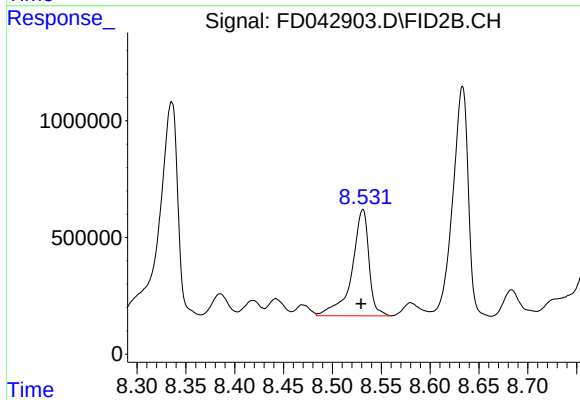
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 12050352
Conc: 69.75 ug/ml

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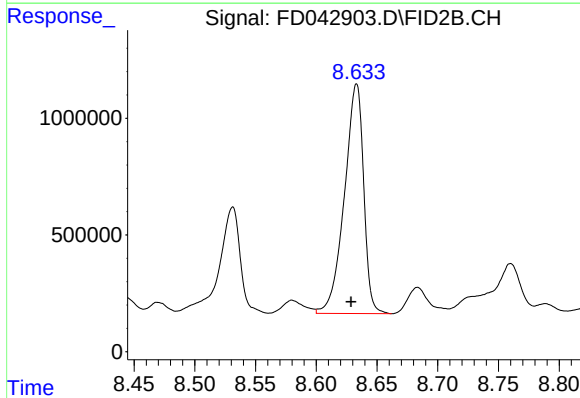
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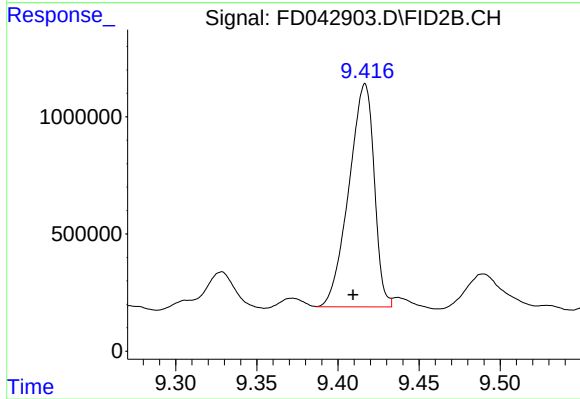
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 5553590
Conc: 54.00 ug/ml m



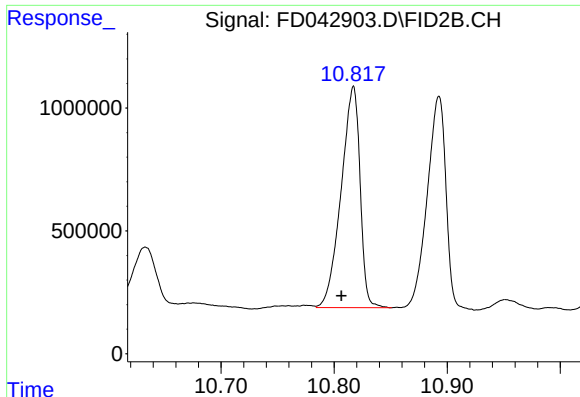
#7 Acenaphthene (C15.5)

R.T.: 8.633 min
Delta R.T.: 0.004 min
Response: 10855317
Conc: 63.09 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.007 min
Response: 10345887
Conc: 61.63 ug/ml m



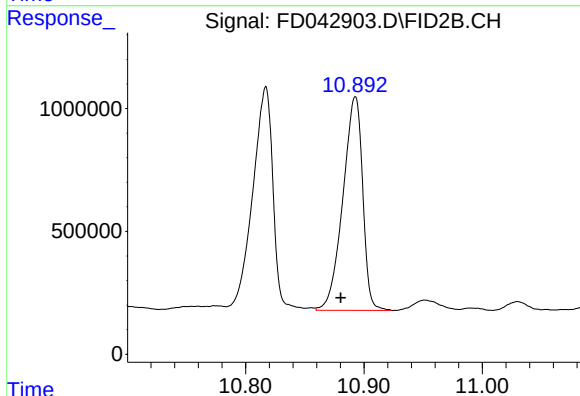
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: 0.010 min
Response: 10489942
Conc: 63.79 ug/ml

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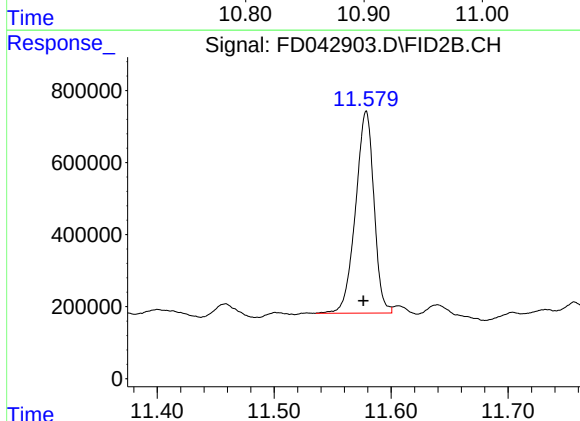
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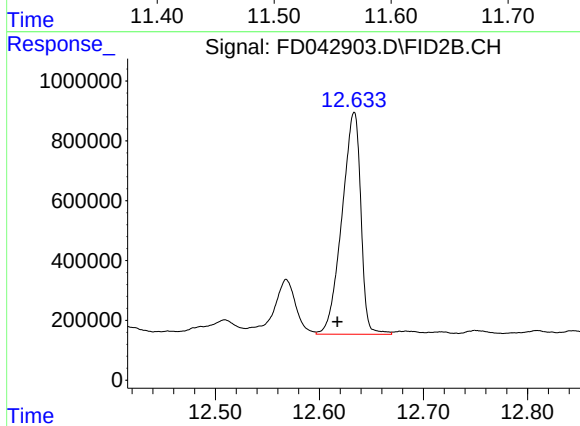
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: 0.012 min
Response: 10104354
Conc: 66.11 ug/ml m



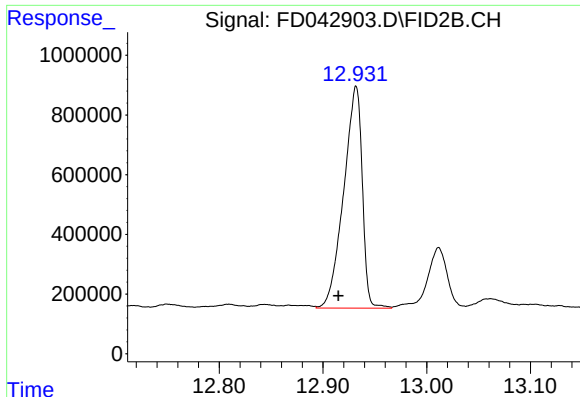
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.002 min
Response: 6136381
Conc: 34.57 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.633 min
Delta R.T.: 0.015 min
Response: 9378906
Conc: 59.53 ug/ml



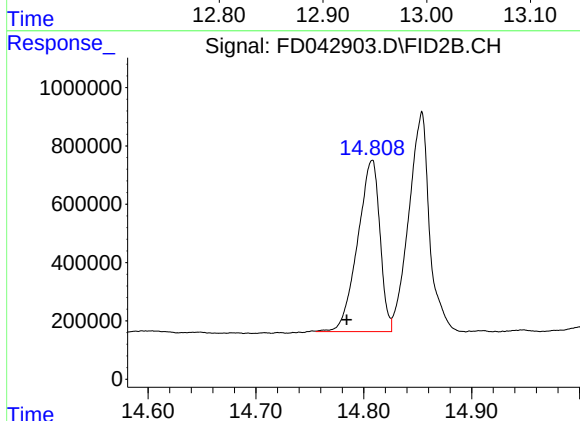
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: 0.016 min
Response: 9260580
Conc: 59.48 ug/ml

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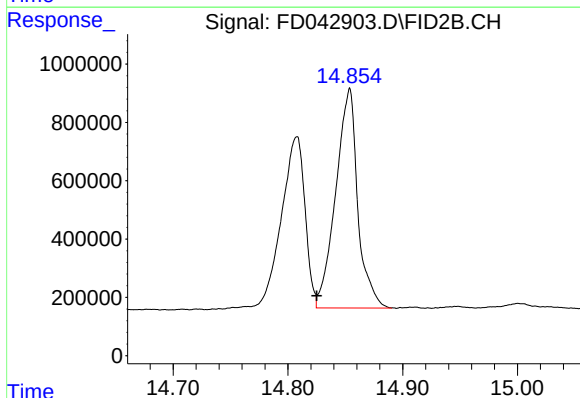
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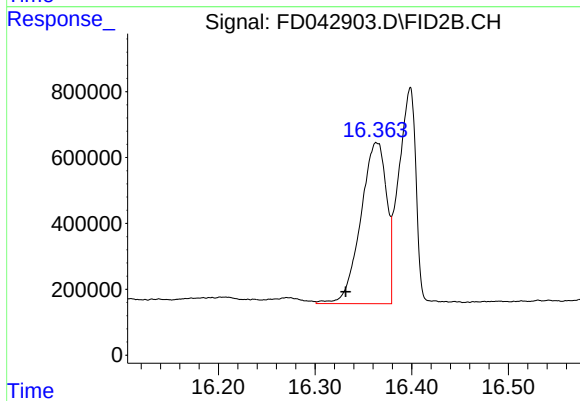
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: 0.024 min
Response: 8450172
Conc: 63.38 ug/ml m



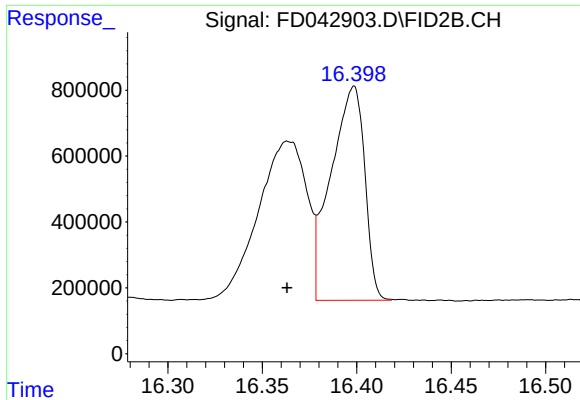
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: 0.028 min
Response: 10033507
Conc: 75.94 ug/ml m



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

R.T.: 16.364 min
Delta R.T.: 0.032 min
Response: 9075499
Conc: 68.13 ug/ml



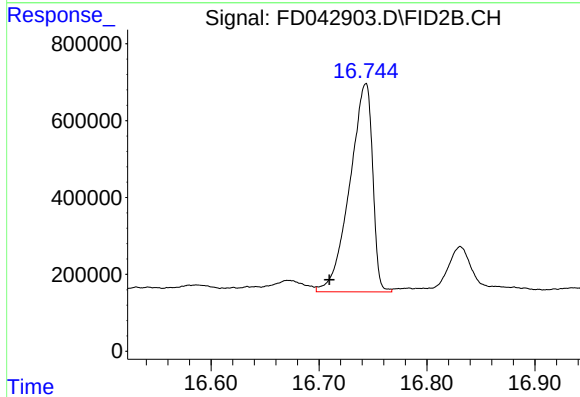
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: 0.035 min
Response: 8042197
Conc: 64.93 ug/ml

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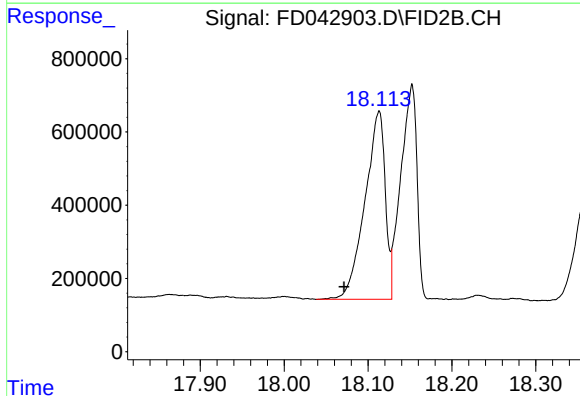
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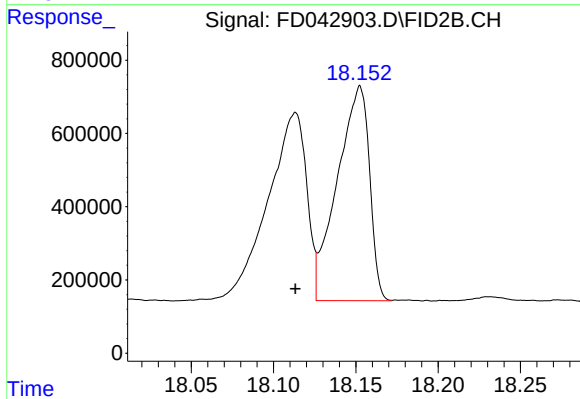
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.742 min
Delta R.T.: 0.033 min
Response: 7969571
Conc: 64.39 ug/ml



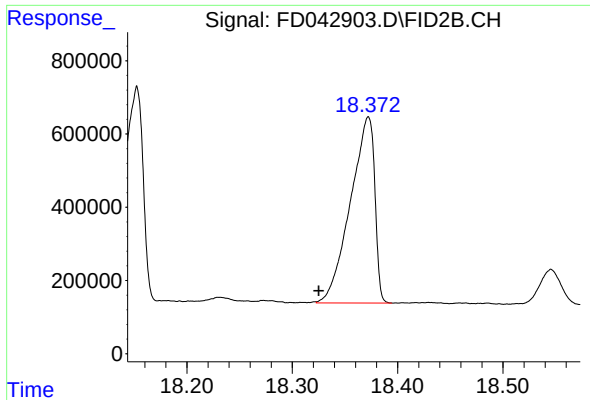
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: 0.041 min
Response: 8665891
Conc: 77.75 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.039 min
Response: 7967478
Conc: 71.63 ug/ml m



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

R.T.: 18.372 min
Delta R.T.: 0.047 min
Response: 8166166
Conc: 68.71 ug/ml

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