

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032849.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2020 00:04
 Operator : DD\AJ
 Sample : L2102-01MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RT-46-MEDIANMSD

Manual Integrations
 APPROVED

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 4/7/2020 1:36:26 PM

Integration File: autoint1.e
 Quant Time: Apr 07 02:18:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.612	10110888	68.913 ug/ml
Spiked Amount 50.000		Recovery =	137.83%
6) S 2-Fluorobiphenyl (SURR)	8.475	6735144	69.037 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	138.07%#
11) S ortho-Terphenyl (SURR)	11.510	9623916	60.220 ug/ml
Spiked Amount 50.000		Recovery =	120.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	7468476	48.081 ug/mlm
2) T Naphthalene (C11.7)	5.951	8415307	51.576 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	8848882	54.836 ug/ml
5) T Acenaphthylene (C15.06)	8.277	8450262	54.627 ug/ml
7) T Acenaphthene (C15.5)	8.574	9095673	56.525 ug/ml
8) T Flouorene (C16.55)	9.353	9177173	59.030 ug/ml
9) T Phenanthrene (C19.36)	10.749	9029045	57.641 ug/ml
10) T Anthracene (C19.43)	10.825	9020980	59.227 ug/ml
12) T Fluoranthene (C21.85)	12.560	8577809	54.429 ug/ml
13) T Pyrene (C20.8)	12.857	8315979	53.253 ug/ml
14) T Benzo[a]anthracene (C...	14.728	7292118	51.227 ug/ml
15) T Chrysene (C27.41)	14.774	8224242	55.738 ug/ml
16) T benzo[b]fluoranthene ...	16.283	6996289	51.261 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	6868920	49.908 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	6044218	45.626 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	6463923	53.552 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	6322647	50.471 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	6066274	50.124 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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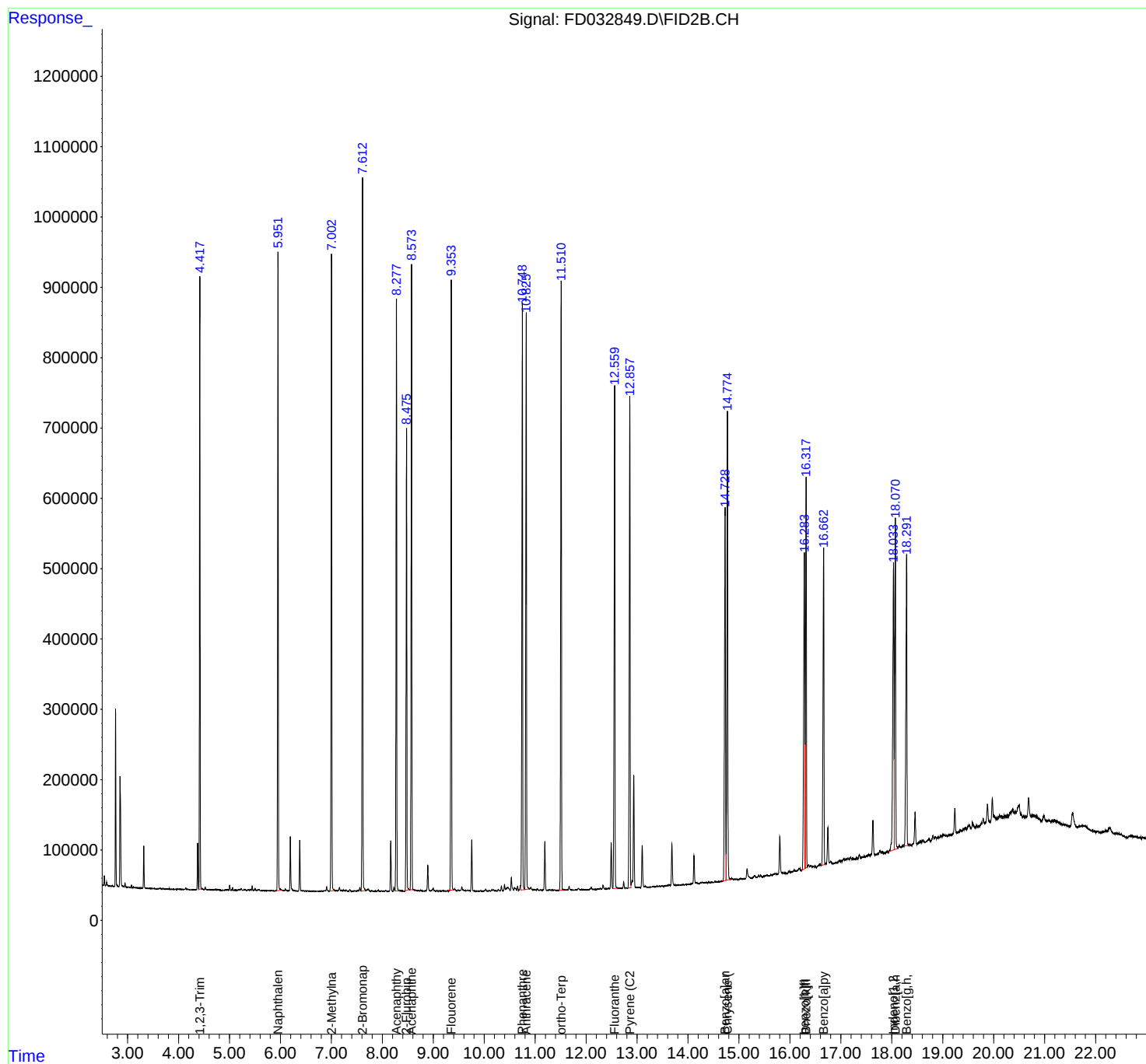
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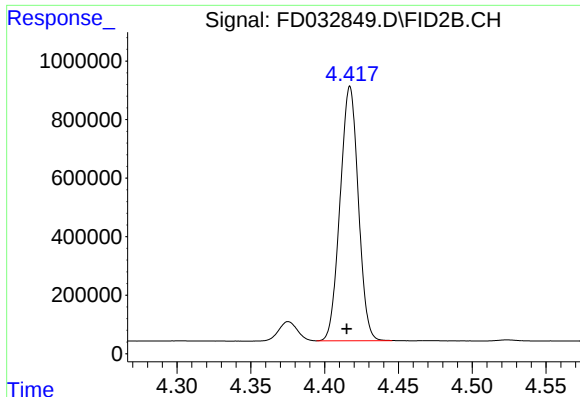
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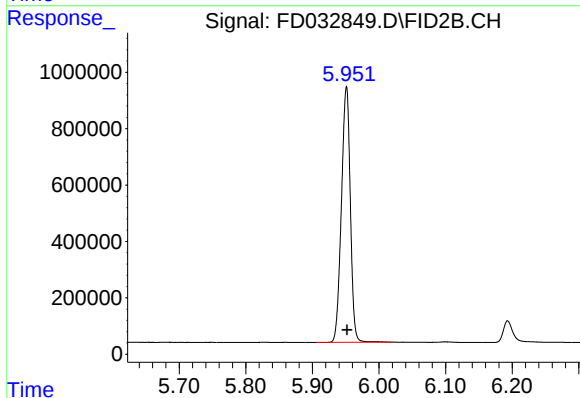
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: 0.002 min
Response: 7468476
Conc: 48.08 ug/ml m

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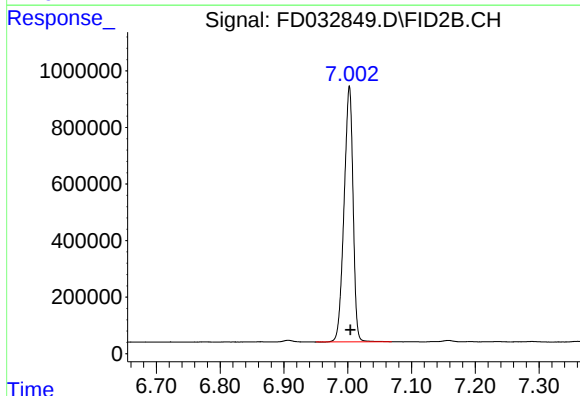
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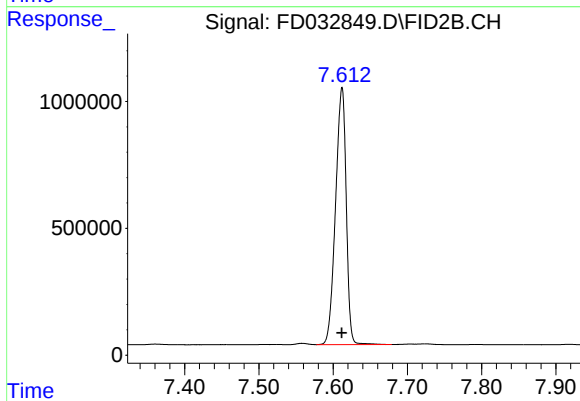
#2 Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 8415307
Conc: 51.58 ug/ml



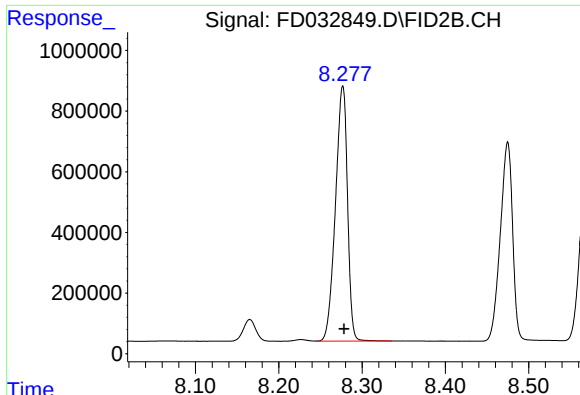
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 8848882
Conc: 54.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 10110888
Conc: 68.91 ug/ml



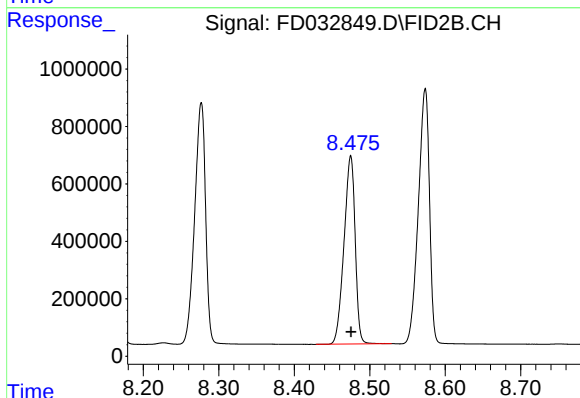
#5 Acenaphthylene (C15.06)

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 8450262
Conc: 54.63 ug/ml

Instrument :
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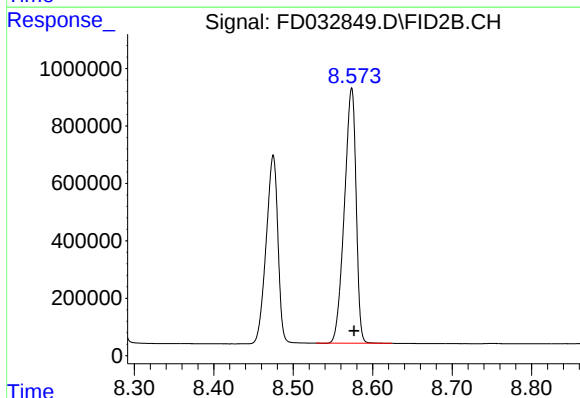
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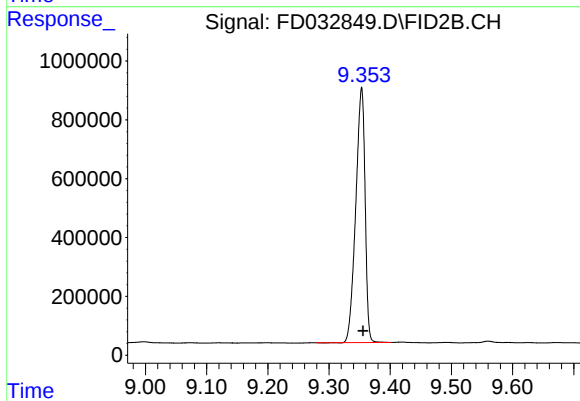
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 6735144
Conc: 69.04 ug/ml



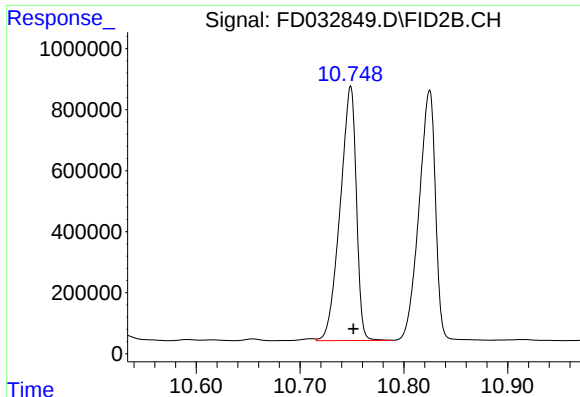
#7 Acenaphthene (C15.5)

R.T.: 8.574 min
Delta R.T.: -0.003 min
Response: 9095673
Conc: 56.53 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.353 min
Delta R.T.: -0.002 min
Response: 9177173
Conc: 59.03 ug/ml



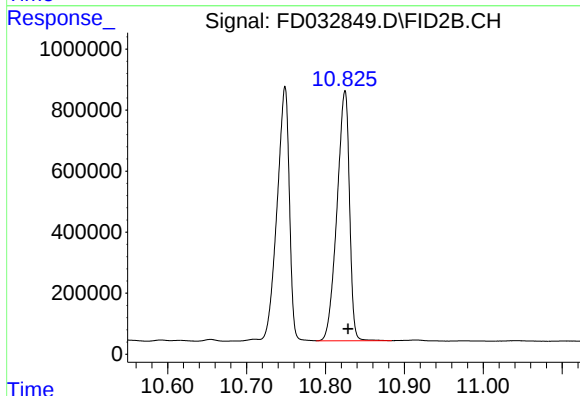
#9 Phenanthrene (C19.36)

R.T.: 10.749 min
Delta R.T.: -0.003 min
Response: 9029045
Conc: 57.64 ug/ml

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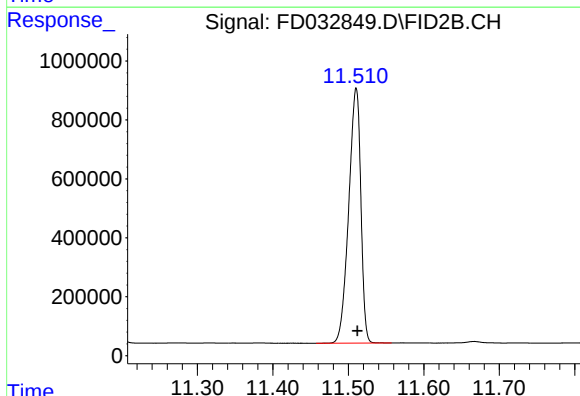
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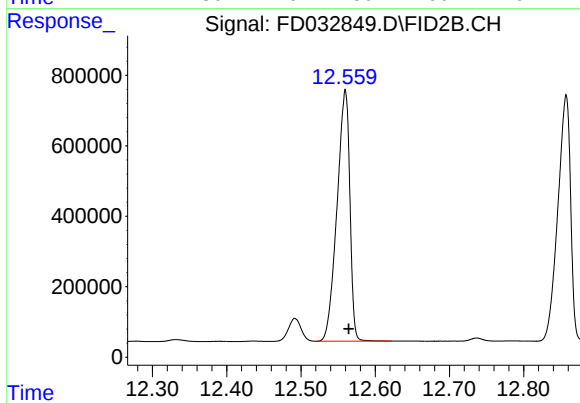
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.004 min
Response: 9020980
Conc: 59.23 ug/ml



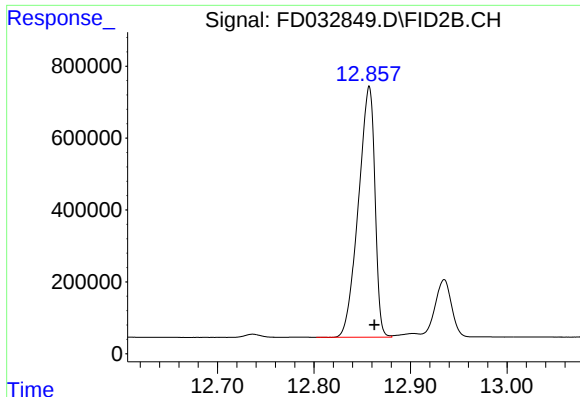
#11 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.002 min
Response: 9623916
Conc: 60.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.560 min
Delta R.T.: -0.005 min
Response: 8577809
Conc: 54.43 ug/ml



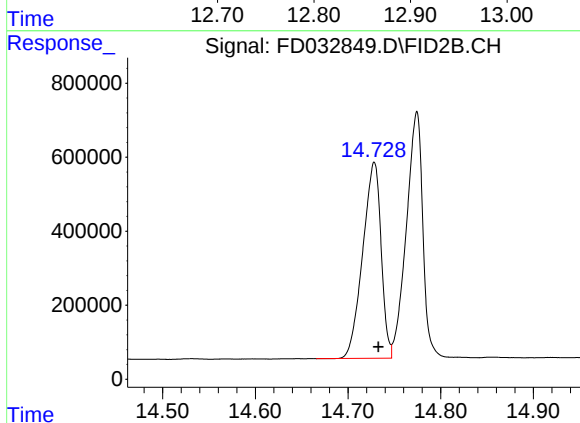
#13 Pyrene (C20.8)

R.T.: 12.857 min
Delta R.T.: -0.005 min
Response: 8315979
Conc: 53.25 ug/ml

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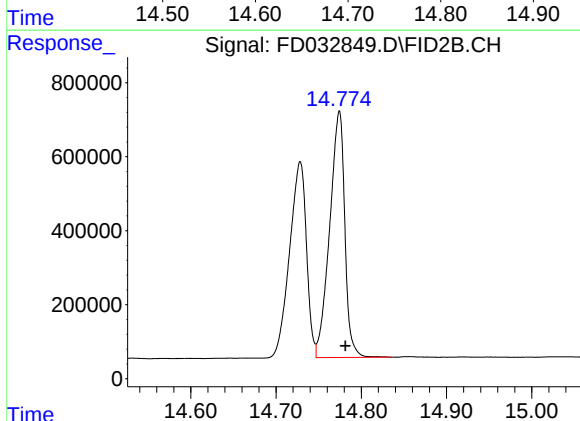
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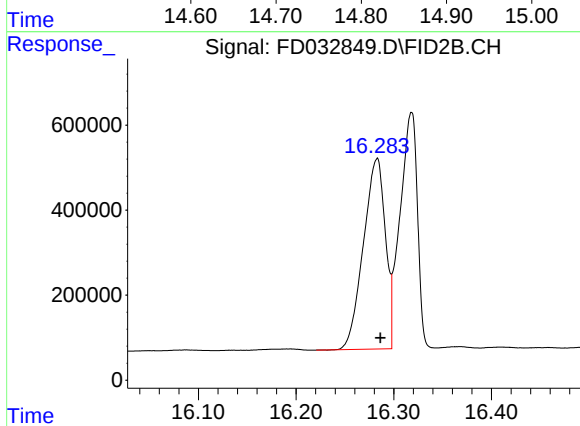
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.728 min
Delta R.T.: -0.004 min
Response: 7292118
Conc: 51.23 ug/ml



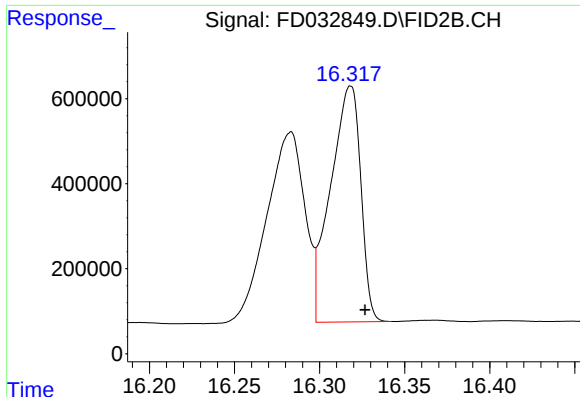
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.007 min
Response: 8224242
Conc: 55.74 ug/ml



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

R.T.: 16.283 min
Delta R.T.: -0.003 min
Response: 6996289
Conc: 51.26 ug/ml



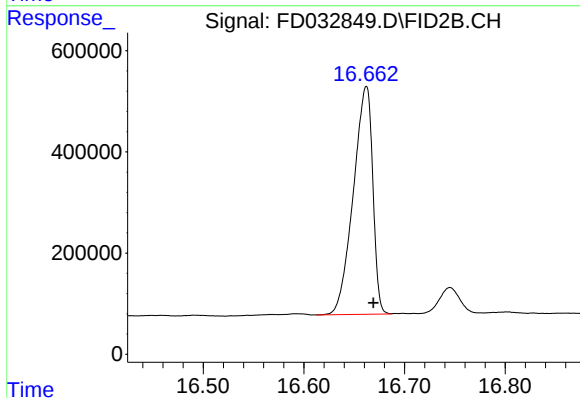
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: -0.009 min
Response: 6868920
Conc: 49.91 ug/ml

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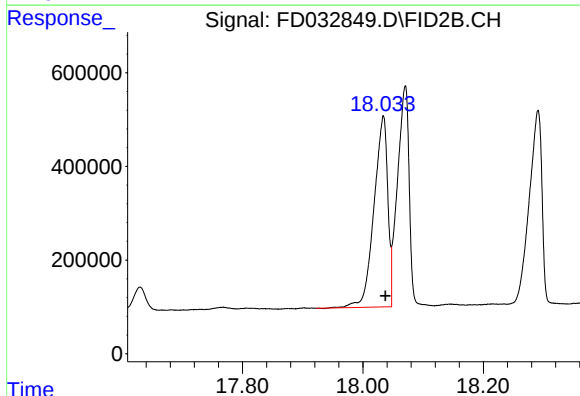
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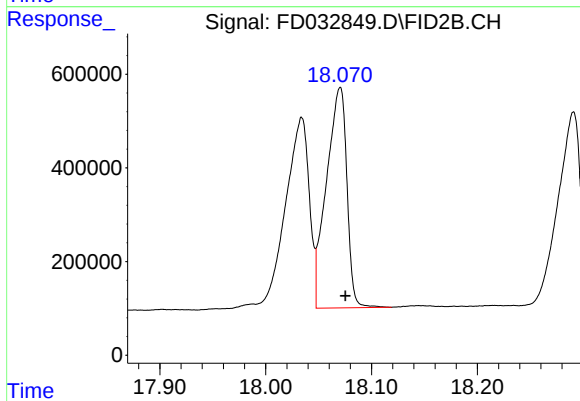
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: -0.007 min
Response: 6044218
Conc: 45.63 ug/ml



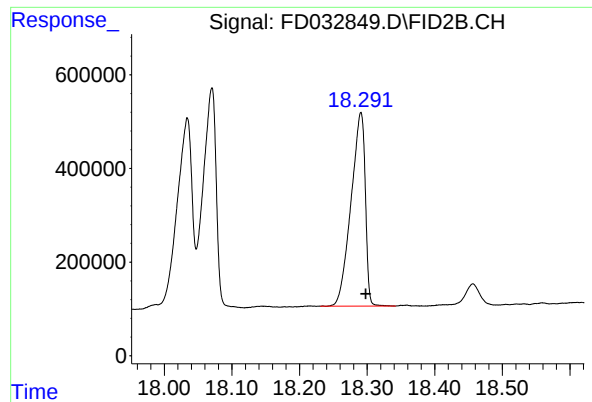
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: -0.004 min
Response: 6463923
Conc: 53.55 ug/ml



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

R.T.: 18.070 min
Delta R.T.: -0.005 min
Response: 6322647
Conc: 50.47 ug/ml



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

R.T.: 18.291 min
Delta R.T.: -0.007 min
Response: 6066274
Conc: 50.12 ug/ml

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