

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AR\
 Data File : FD038089.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 19:05
 Operator : DD\AJ
 Sample : PB137516BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB137516BSD

Manual Integrations
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 7/8/2021 2:29:33 PM

Integration File: autoint1.e
 Quant Time: Jul 08 02:10:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.526	8609631	66.061 ug/ml
Spiked Amount 50.000		Recovery =	132.12%
6) S 2-Fluorobiphenyl (SURR)	8.386	5104735	57.686 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.37%
11) S ortho-Terphenyl (SURR)	11.424	8089651	53.379 ug/ml
Spiked Amount 50.000		Recovery =	106.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	5605477	39.574 ug/mlm
2) T Naphthalene (C11.7)	5.862	6656708	45.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	6806732	46.379 ug/ml
5) T Acenaphthylene (C15.06)	8.188	7541841	50.557 ug/ml
7) T Acenaphthene (C15.5)	8.485	7830532	50.573 ug/ml
8) T Flouorene (C16.55)	9.264	7750065	52.868 ug/ml
9) T Phenanthrene (C19.36)	10.659	7728163	53.462 ug/ml
10) T Anthracene (C19.43)	10.736	7840083	55.418 ug/ml
12) T Fluoranthene (C21.85)	12.470	7745178	53.462 ug/ml
13) T Pyrene (C20.8)	12.767	7734676	54.282 ug/ml
14) T Benzo[a]anthracene (C...	14.638	7188444	56.301 ug/ml
15) T Chrysene (C27.41)	14.682	7963837	56.252 ug/ml
16) T benzo[b]fluoranthene ...	16.190	6970528	55.898 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	6951772	52.994 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	6759291	57.622 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	5714254	55.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	6096076	51.719 ug/ml
21) T Benzo[g,h,i]perylene ...	18.193	5941104	54.430 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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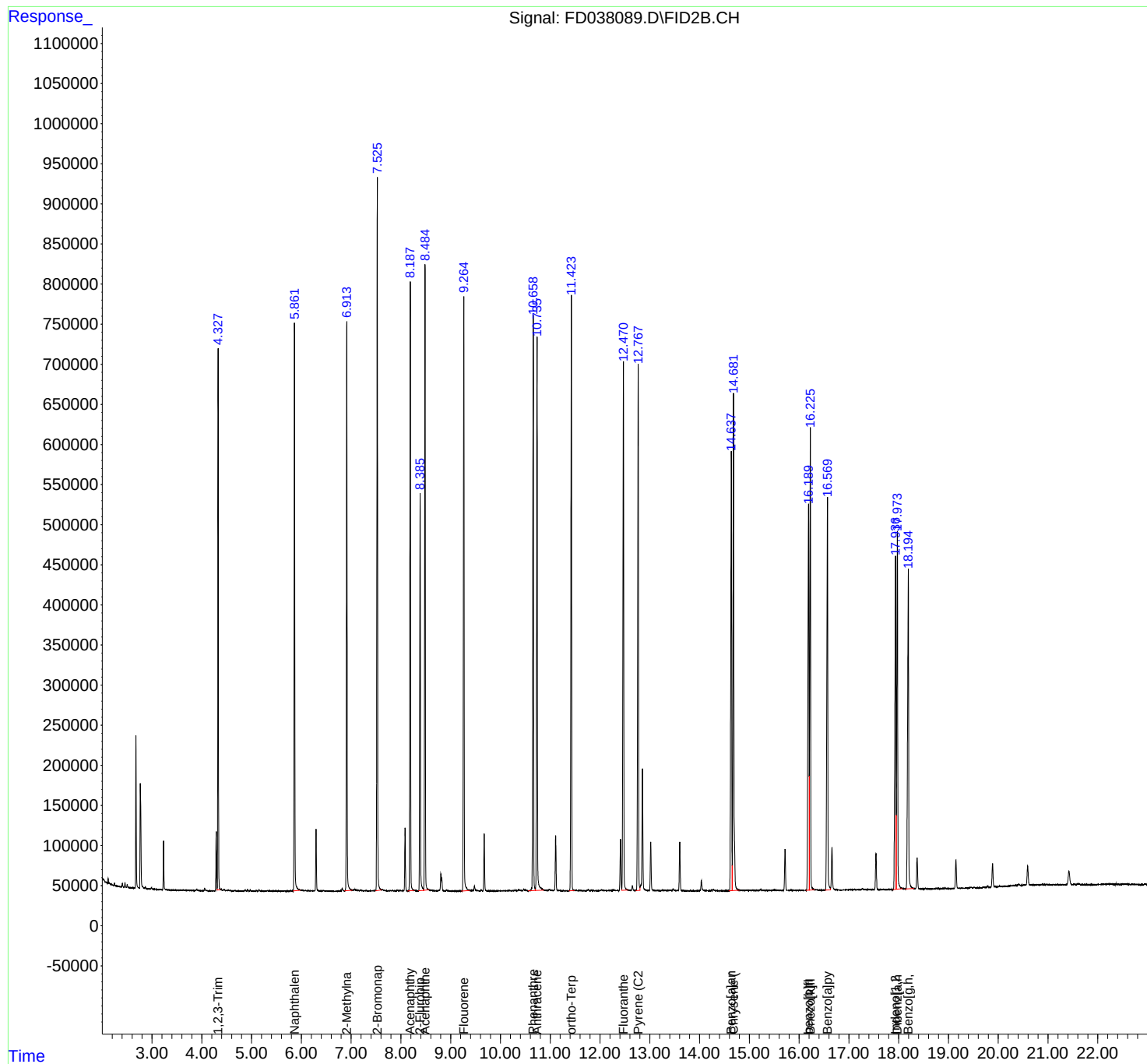
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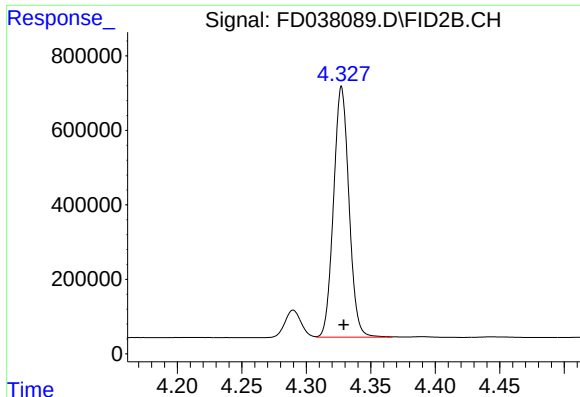
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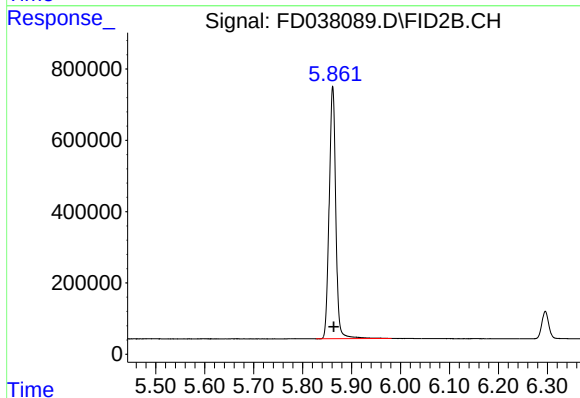
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 5605477
Conc: 39.57 ug/ml m

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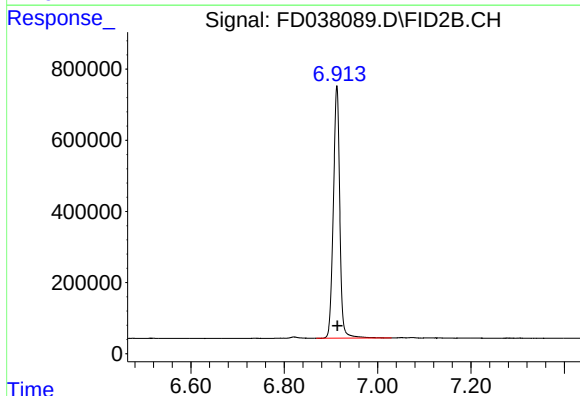
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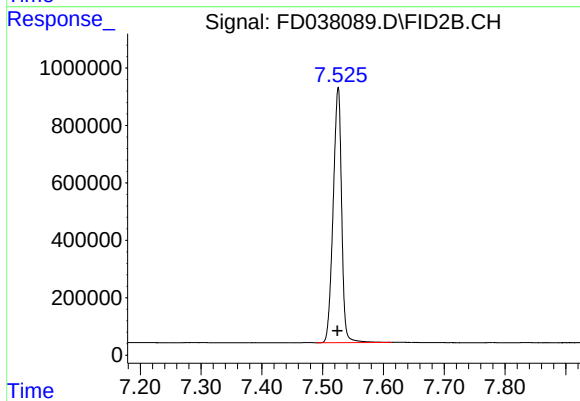
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 6656708
Conc: 45.02 ug/ml



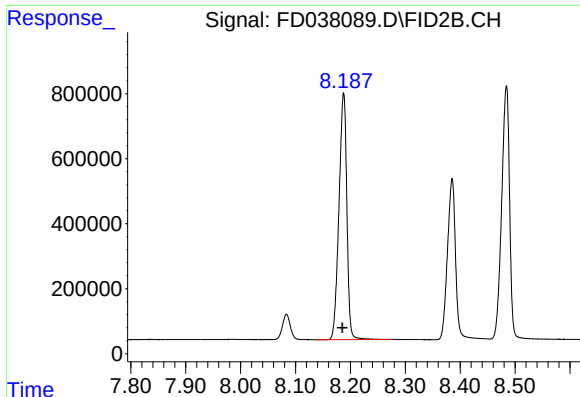
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 6806732
Conc: 46.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.526 min
Delta R.T.: 0.001 min
Response: 8609631
Conc: 66.06 ug/ml



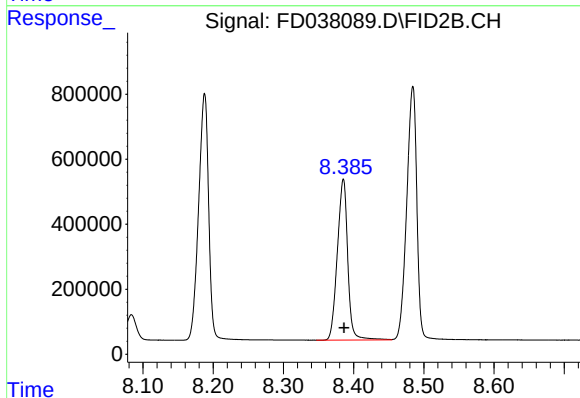
#5 Acenaphthylene (C15.06)

R.T.: 8.188 min
Delta R.T.: 0.002 min
Response: 7541841
Conc: 50.56 ug/ml

Instrument :
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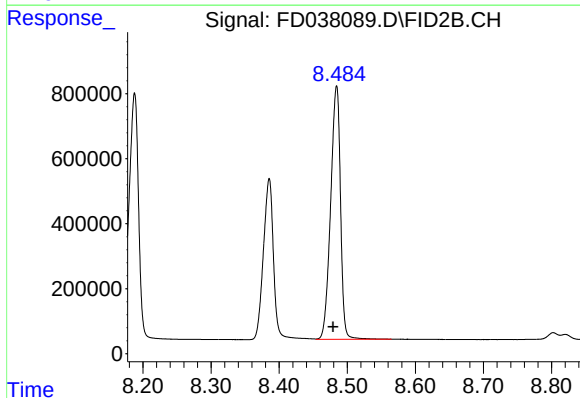
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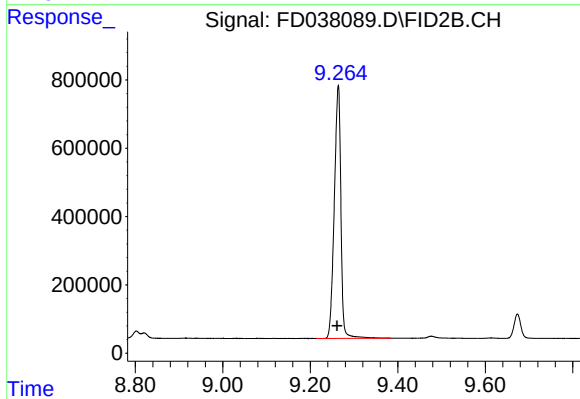
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 5104735
Conc: 57.69 ug/ml



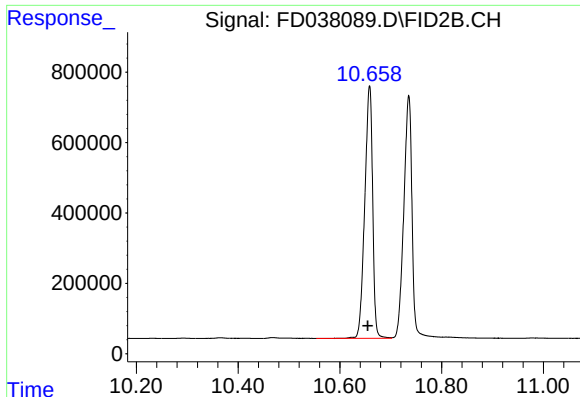
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: 0.005 min
Response: 7830532
Conc: 50.57 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.264 min
Delta R.T.: 0.003 min
Response: 7750065
Conc: 52.87 ug/ml



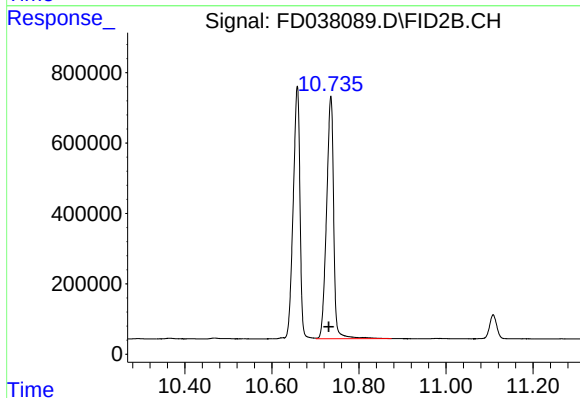
#9 Phenanthrene (C19.36)

R.T.: 10.659 min
Delta R.T.: 0.004 min
Response: 7728163
Conc: 53.46 ug/ml

Instrument :
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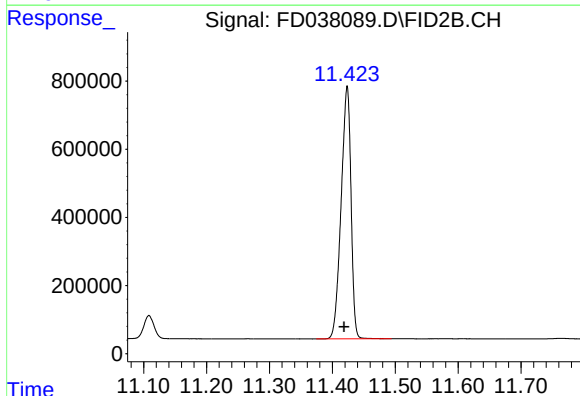
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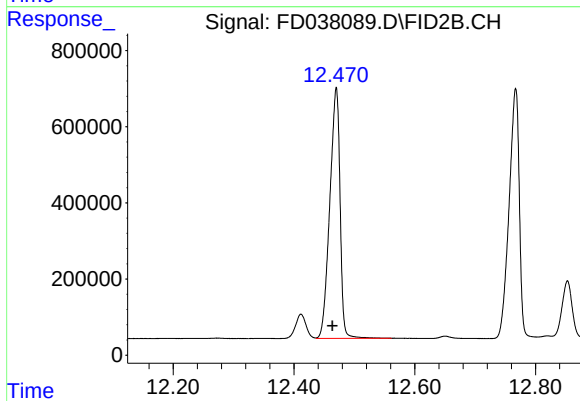
#10 Anthracene (C19.43)

R.T.: 10.736 min
Delta R.T.: 0.005 min
Response: 7840083
Conc: 55.42 ug/ml



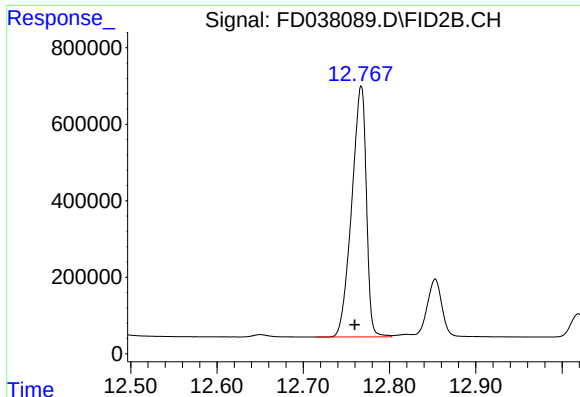
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: 0.005 min
Response: 8089651
Conc: 53.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.470 min
Delta R.T.: 0.006 min
Response: 7745178
Conc: 53.46 ug/ml



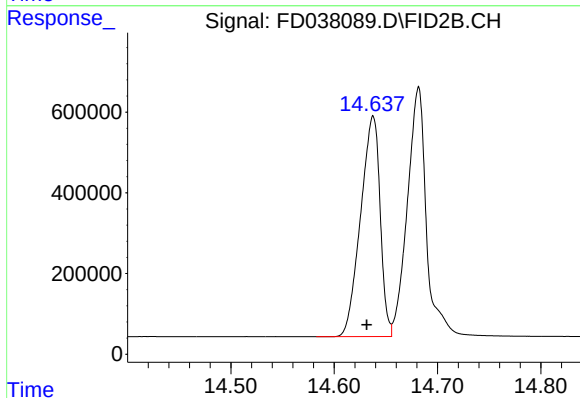
#13 Pyrene (C20.8)

R.T.: 12.767 min
Delta R.T.: 0.007 min
Response: 7734676
Conc: 54.28 ug/ml

Instrument :
FID_D
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PB137516BSD

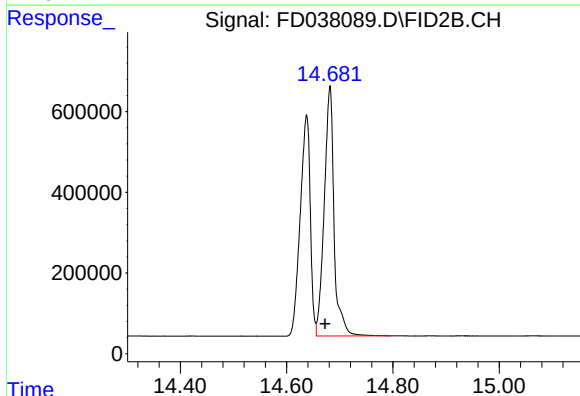
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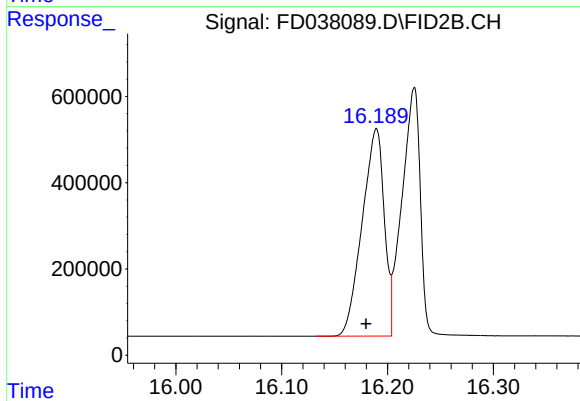
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.006 min
Response: 7188444
Conc: 56.30 ug/ml



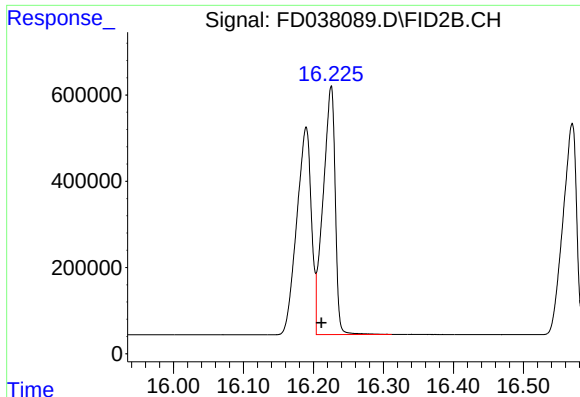
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.010 min
Response: 7963837
Conc: 56.25 ug/ml



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

R.T.: 16.190 min
Delta R.T.: 0.010 min
Response: 6970528
Conc: 55.90 ug/ml



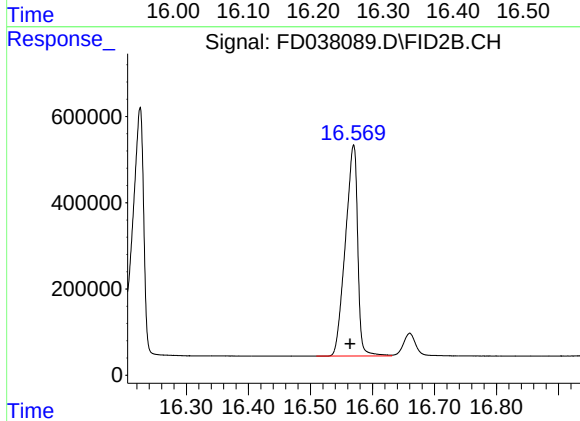
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: 0.014 min
Response: 6951772
Conc: 52.99 ug/ml

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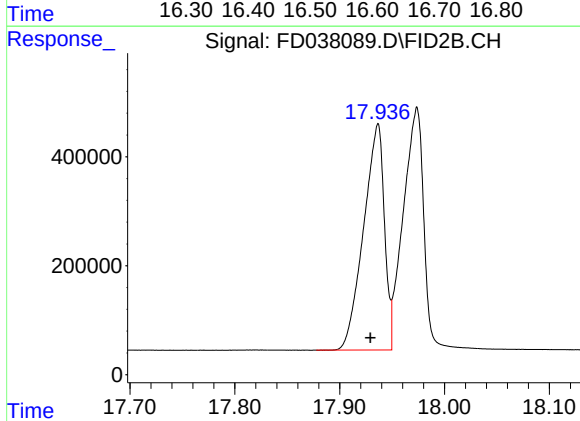
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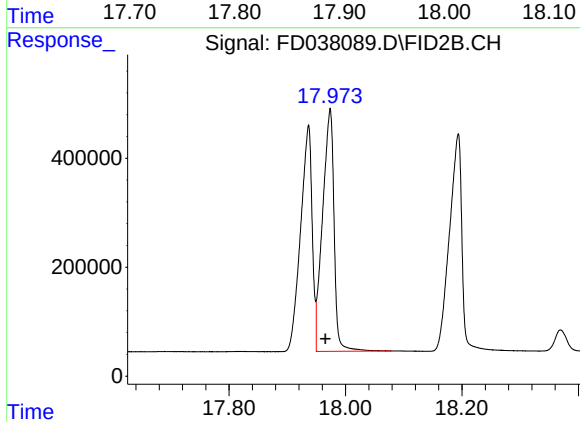
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: 0.006 min
Response: 6759291
Conc: 57.62 ug/ml



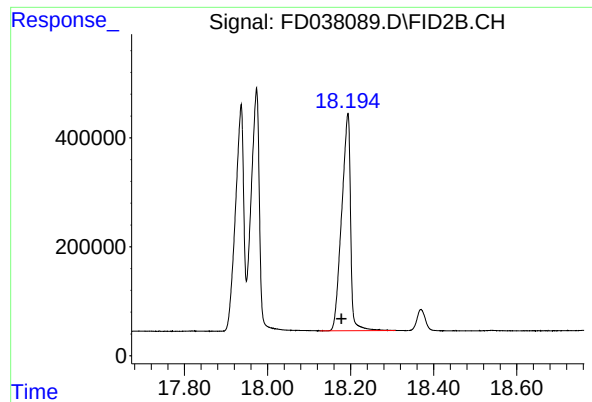
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.007 min
Response: 5714254
Conc: 55.21 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.008 min
Response: 6096076
Conc: 51.72 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.016 min
Response: 5941104
Conc: 54.43 ug/ml

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