

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052121AR\
 Data File : FD037573.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2021 18:40
 Operator : DD\AJ
 Sample : M2479-03MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 GROUND-MATERIAL-1-17-DMS

Manual Integrations
 APPROVED

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 5/25/2021 3:38:15 PM

Integration File: autoint1.e
 Quant Time: May 22 00:04:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.559	6121386	60.863 ug/ml
Spiked Amount 50.000		Recovery =	121.73%
6) S 2-Fluorobiphenyl (SURR)	8.419	3153570	46.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.32%
11) S ortho-Terphenyl (SURR)	11.460	6819415	57.248 ug/ml
Spiked Amount 50.000		Recovery =	114.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	4214406	40.330 ug/ml
2) T Naphthalene (C11.7)	5.896	5339317	47.846 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	5819024	51.830 ug/ml
5) T Acenaphthylene (C15.06)	8.223	6640450	60.555 ug/ml
7) T Acenaphthene (C15.5)	8.520	6584387	57.886 ug/ml
8) T Flouorene (C16.55)	9.300	6907212	62.326 ug/ml
9) T Phenanthrene (C19.36)	10.696	7043289	62.644 ug/ml
10) T Anthracene (C19.43)	10.772	6972962	63.402 ug/ml
12) T Fluoranthene (C21.85)	12.508	7027211	60.551 ug/ml
13) T Pyrene (C20.8)	12.805	7017724	60.745 ug/ml
14) T Benzo[a]anthracene (C...	14.675	6548377	59.436 ug/ml
15) T Chrysene (C27.41)	14.721	6859894	59.545 ug/ml
16) T benzo[b]fluoranthene ...	16.227	6665411	58.935 ug/ml
17) T Bnezo[k]fluoranthene ...	16.263	6621837	59.727 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.607	6529606	62.340 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.975	6229093	57.337 ug/ml
20) T Dibenz[a,h]anthracene...	18.012	6213754	56.760 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.233	6128451	56.077 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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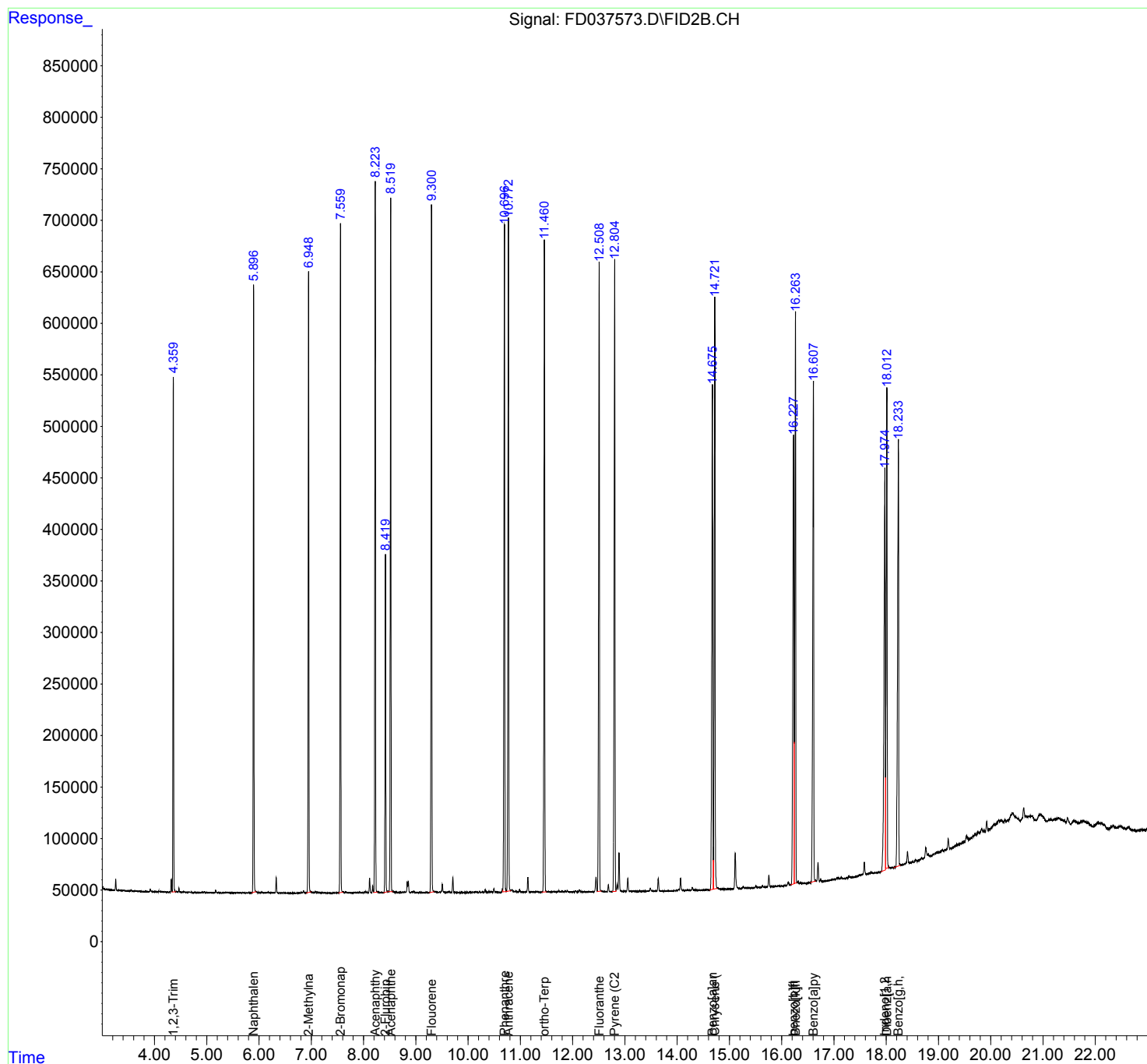
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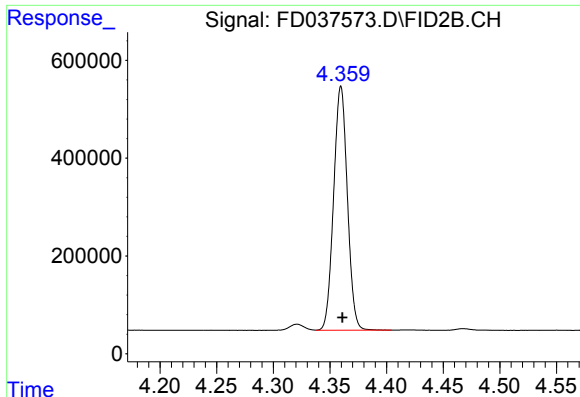
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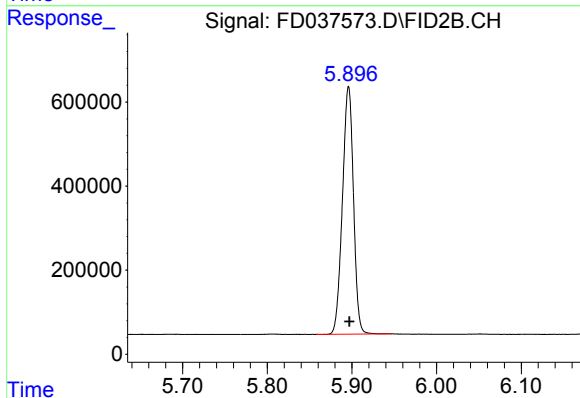
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.360 min
Delta R.T.: -0.001 min
Response: 4214406
Conc: 40.33 ug/ml

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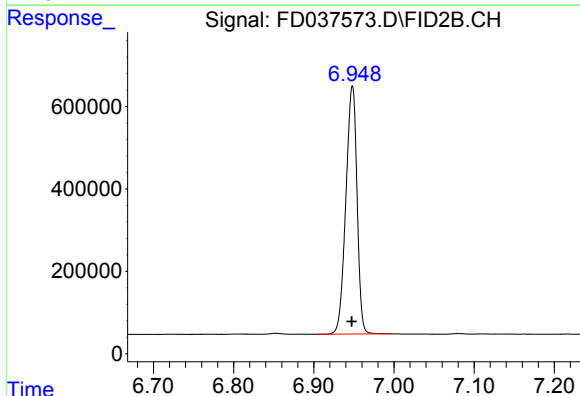
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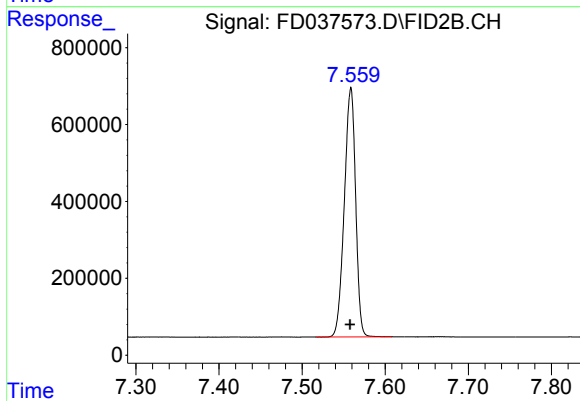
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 5339317
Conc: 47.85 ug/ml



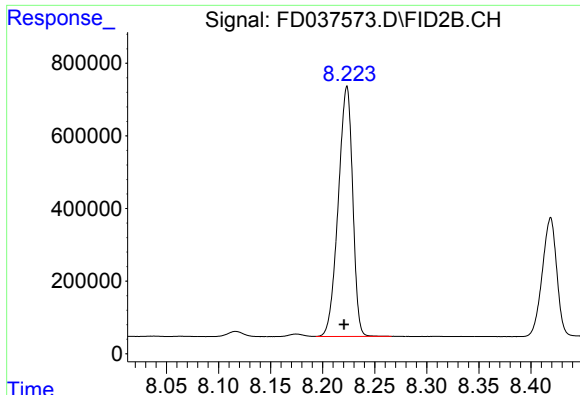
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 5819024
Conc: 51.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 6121386
Conc: 60.86 ug/ml



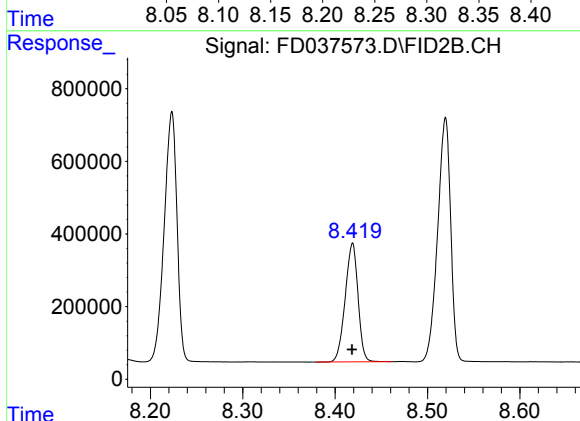
#5 Acenaphthylene (C15.06)

R.T.: 8.223 min
Delta R.T.: 0.003 min
Response: 6640450
Conc: 60.56 ug/ml

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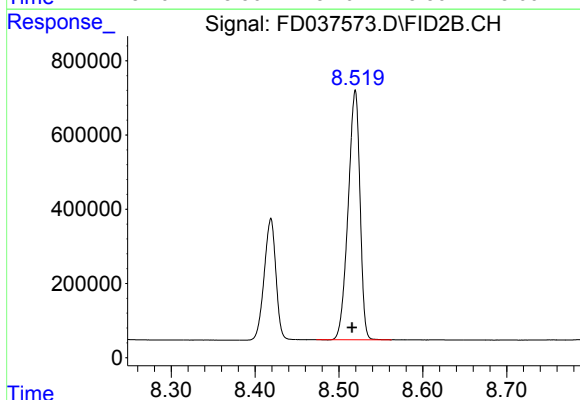
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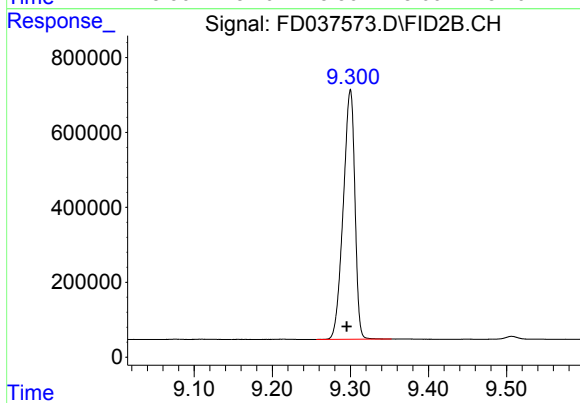
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3153570
Conc: 46.66 ug/ml



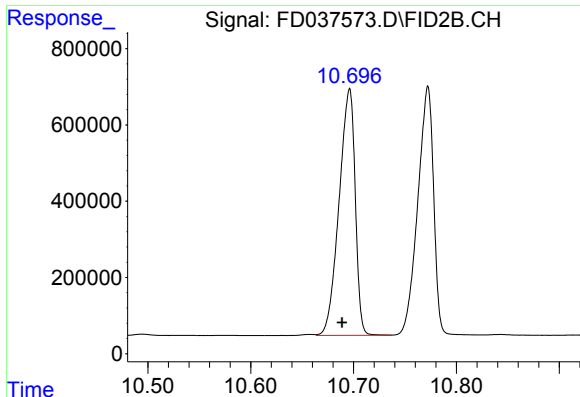
#7 Acenaphthene (C15.5)

R.T.: 8.520 min
Delta R.T.: 0.004 min
Response: 6584387
Conc: 57.89 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.300 min
Delta R.T.: 0.005 min
Response: 6907212
Conc: 62.33 ug/ml



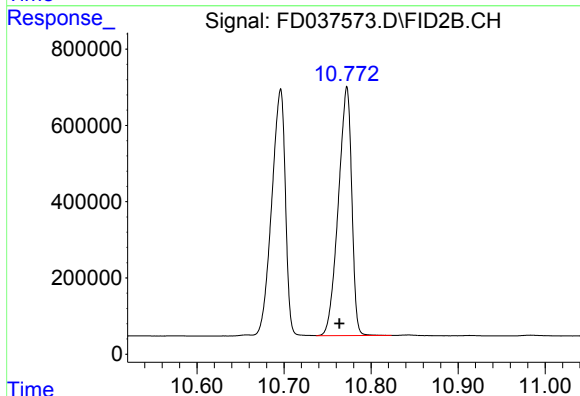
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: 0.008 min
Response: 7043289
Conc: 62.64 ug/ml

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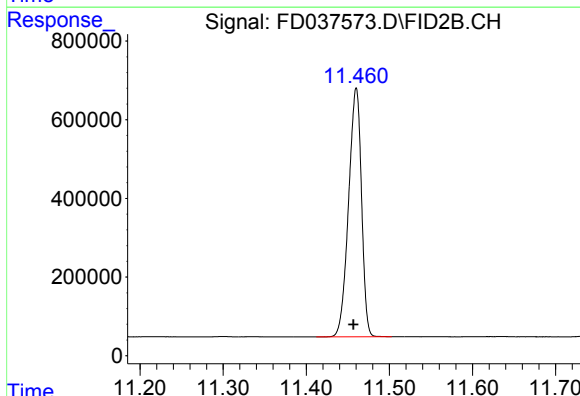
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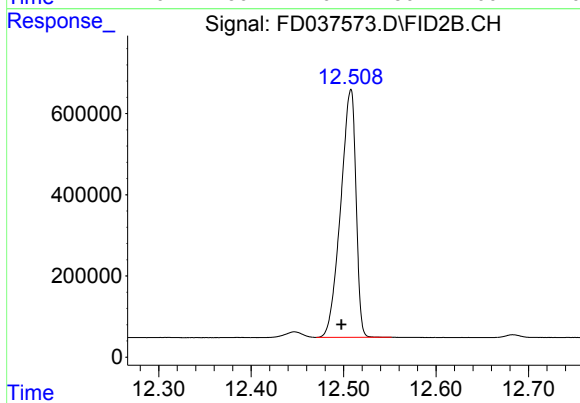
#10 Anthracene (C19.43)

R.T.: 10.772 min
Delta R.T.: 0.009 min
Response: 6972962
Conc: 63.40 ug/ml



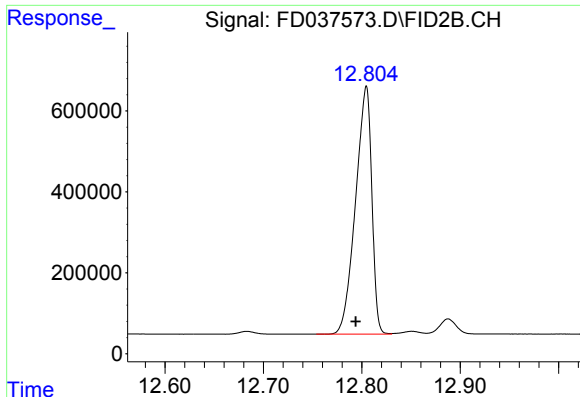
#11 ortho-Terphenyl (SURR)

R.T.: 11.460 min
Delta R.T.: 0.003 min
Response: 6819415
Conc: 57.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.508 min
Delta R.T.: 0.010 min
Response: 7027211
Conc: 60.55 ug/ml



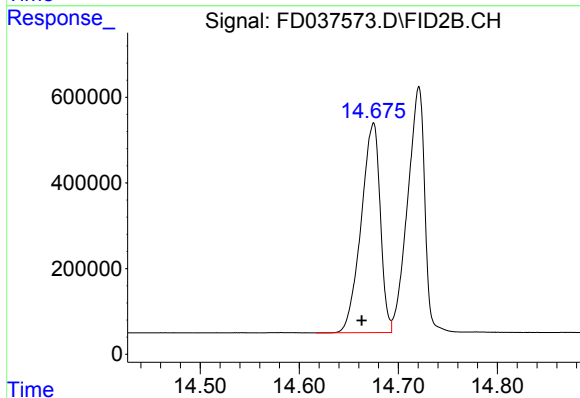
#13 Pyrene (C20.8)

R.T.: 12.805 min
Delta R.T.: 0.011 min
Response: 7017724
Conc: 60.74 ug/ml

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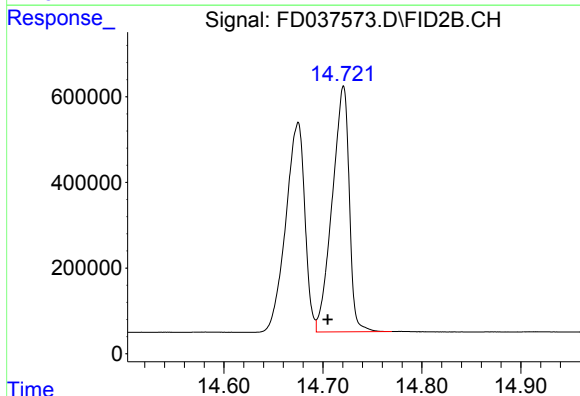
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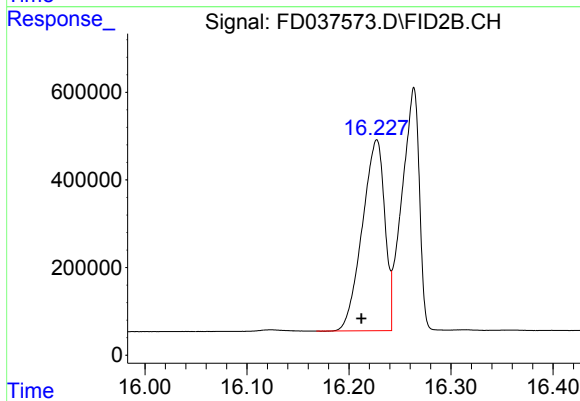
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: 0.012 min
Response: 6548377
Conc: 59.44 ug/ml



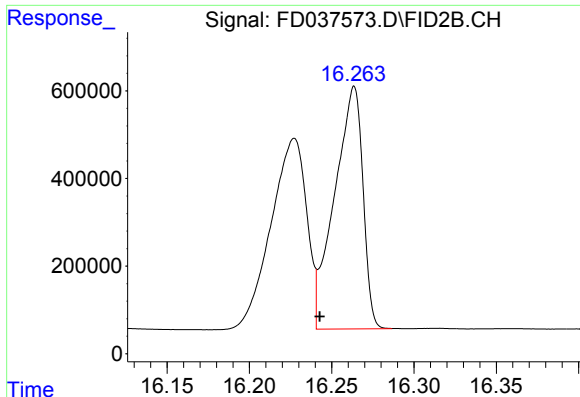
#15 Chrysene (C27.41)

R.T.: 14.721 min
Delta R.T.: 0.016 min
Response: 6859894
Conc: 59.55 ug/ml



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

R.T.: 16.227 min
Delta R.T.: 0.015 min
Response: 6665411
Conc: 58.94 ug/ml



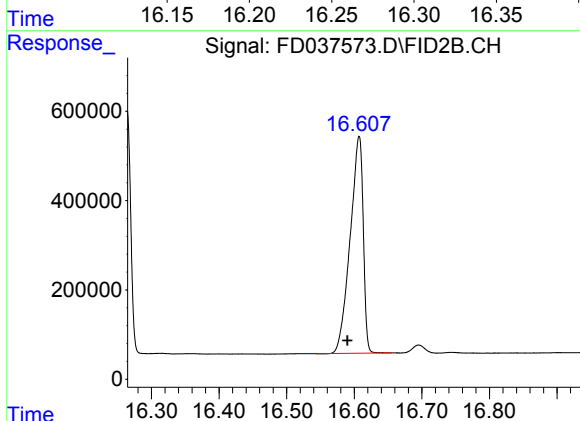
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.263 min
Delta R.T.: 0.021 min
Response: 6621837
Conc: 59.73 ug/ml m

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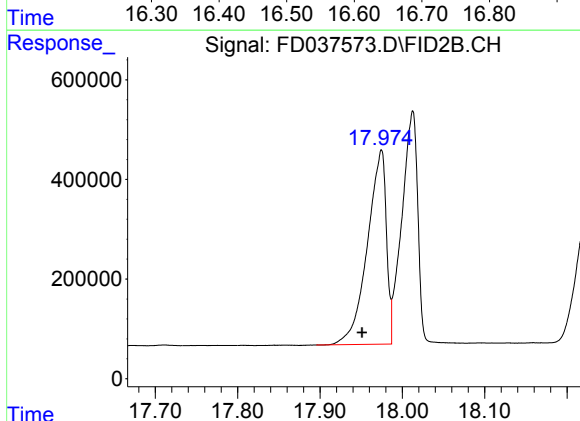
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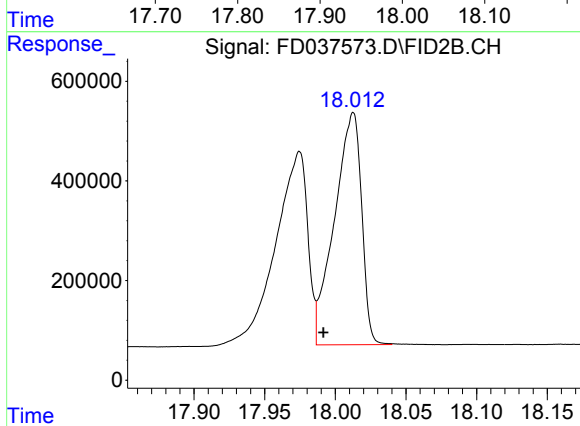
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.607 min
Delta R.T.: 0.017 min
Response: 6529606
Conc: 62.34 ug/ml



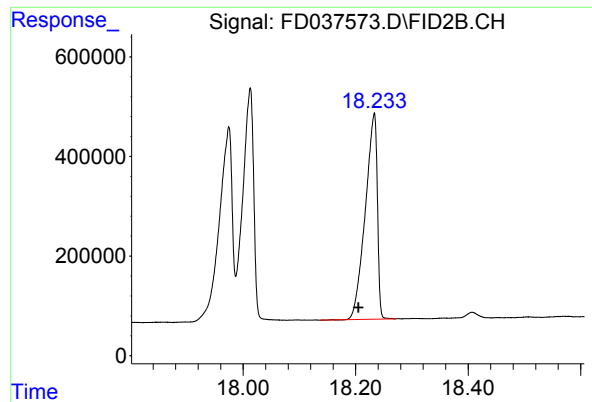
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min
Delta R.T.: 0.024 min
Response: 6229093
Conc: 57.34 ug/ml



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

R.T.: 18.012 min
Delta R.T.: 0.021 min
Response: 6213754
Conc: 56.76 ug/ml m



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

R.T.: 18.233 min
Delta R.T.: 0.028 min
Response: 6128451
Conc: 56.08 ug/ml

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