

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040121AR\
 Data File : FD036681.D
 Signal(s) : FID2B.CH
 Acq On : 01 Apr 2021 18:04
 Operator : DD\AJ
 Sample : PB135480BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135480BSD

Manual Integrations
 APPROVED

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 4/2/2021 11:33:14 AM

Integration File: autoint1.e
 Quant Time: Apr 02 03:28:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.592	7662281	54.480 ug/ml
Spiked Amount 50.000		Recovery =	108.96%
6) S 2-Fluorobiphenyl (SURR)	8.452	4275958	45.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.11%
11) S ortho-Terphenyl (SURR)	11.491	6659146	43.601 ug/ml
Spiked Amount 50.000		Recovery =	87.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	5628477	38.398 ug/ml
2) T Naphthalene (C11.7)	5.929	6509501	41.419 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	6918293	44.019 ug/ml
5) T Acenaphthylene (C15.06)	8.255	6902237	46.064 ug/ml
7) T Acenaphthene (C15.5)	8.552	7139693	45.993 ug/ml
8) T Fluorene (C16.55)	9.332	7270427	48.290 ug/ml
9) T Phenanthrene (C19.36)	10.726	7270375	49.603 ug/ml
10) T Anthracene (C19.43)	10.801	7212778	49.823 ug/ml
12) T Fluoranthene (C21.85)	12.536	7144237	50.886 ug/ml
13) T Pyrene (C20.8)	12.833	6995596	50.988 ug/ml
14) T Benzo[a]anthracene (C...	14.701	6126202	51.585 ug/ml
15) T Chrysene (C27.41)	14.746	6561604	54.258 ug/mlm
16) T benzo[b]fluoranthene ...	16.249	5915487	53.909 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	5684086	53.473 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	5771434	57.910 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	5501331	54.730 ug/ml
20) T Dibenz[a,h]anthracene...	18.031	5609115	55.628 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	5742581	56.677 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 55 Sample Multiplier: 1

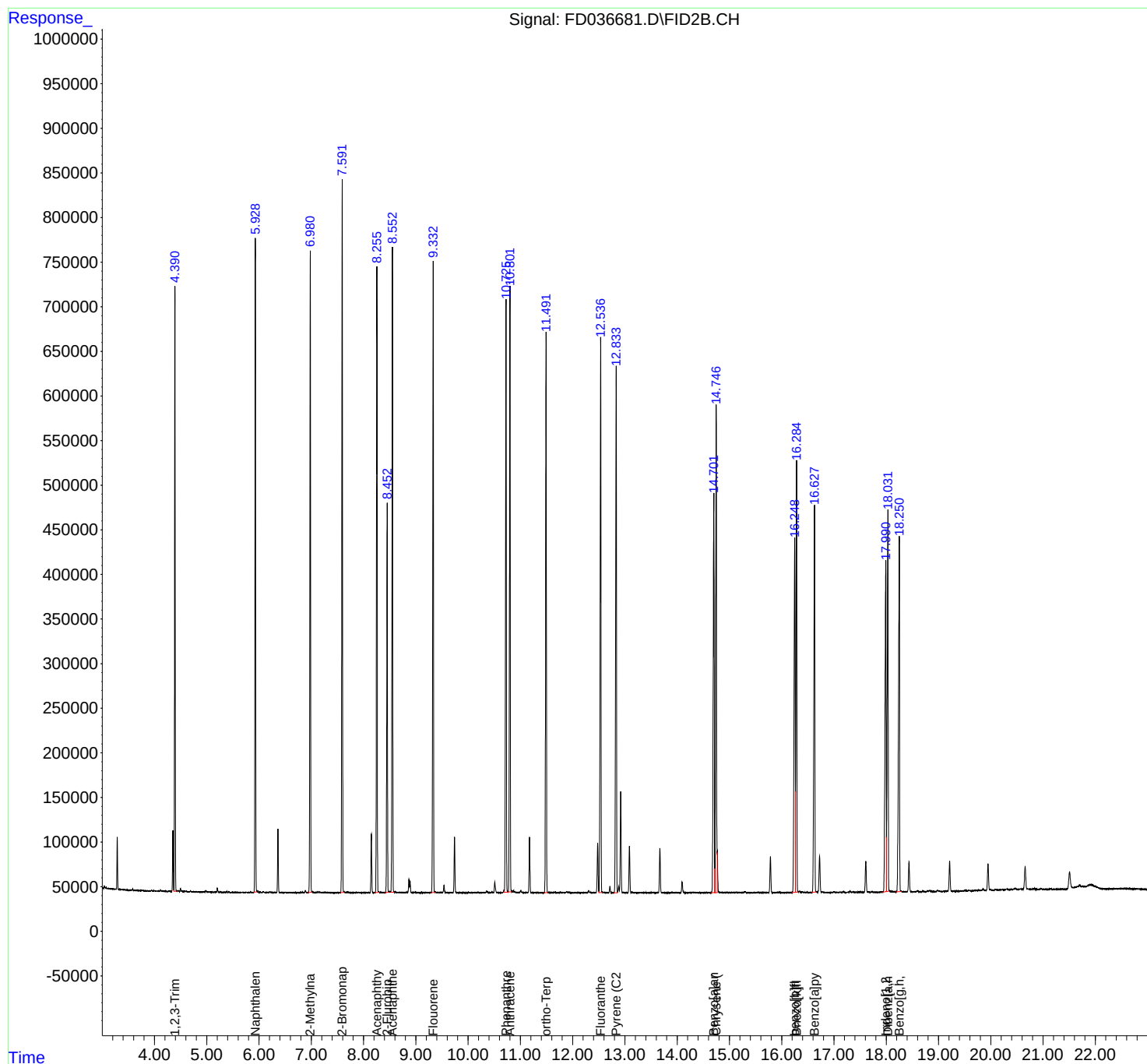
Instrument :
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PB135480BSD

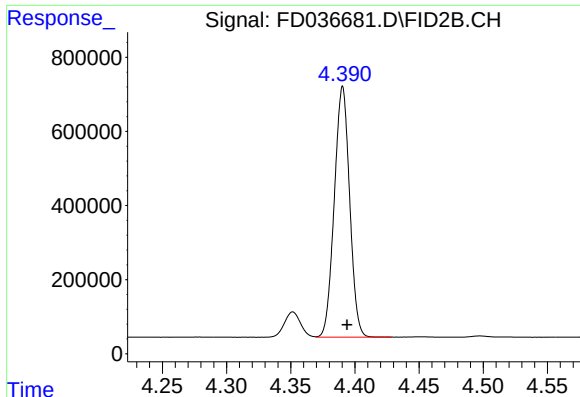
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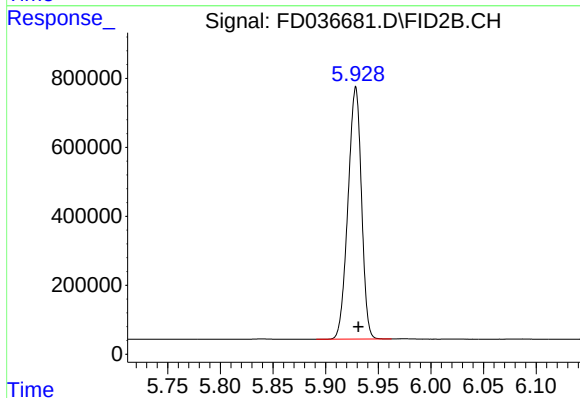
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 5628477
Conc: 38.40 ug/ml

Instrument :
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PB135480BSD

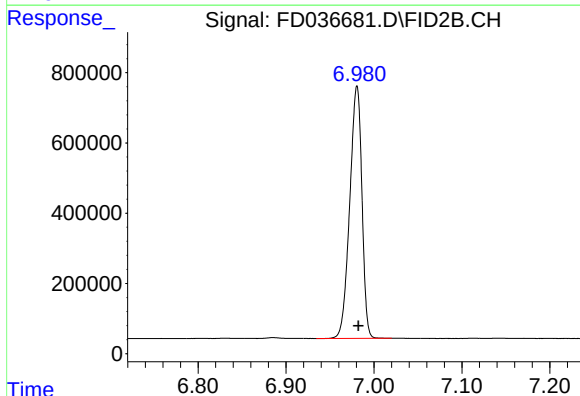
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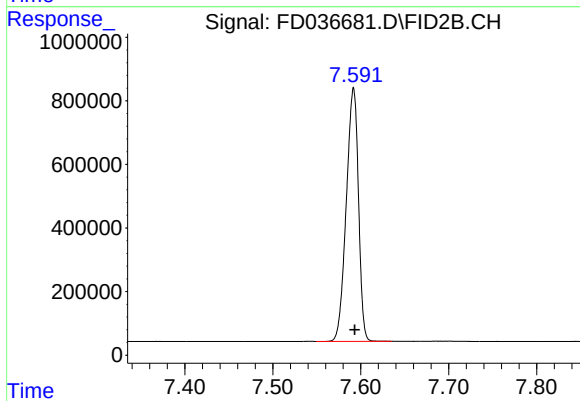
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 6509501
Conc: 41.42 ug/ml



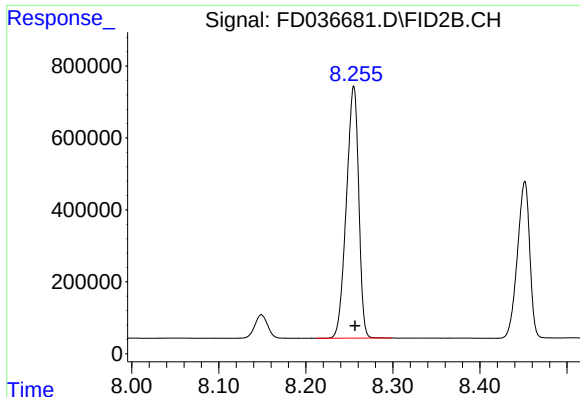
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 6918293
Conc: 44.02 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.001 min
Response: 7662281
Conc: 54.48 ug/ml



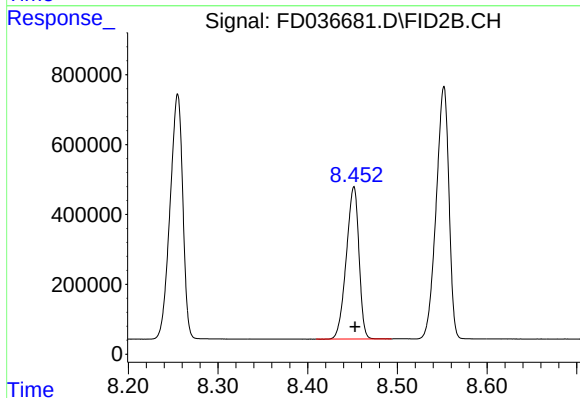
#5 Acenaphthylene (C15.06)

R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 6902237
Conc: 46.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135480BSD

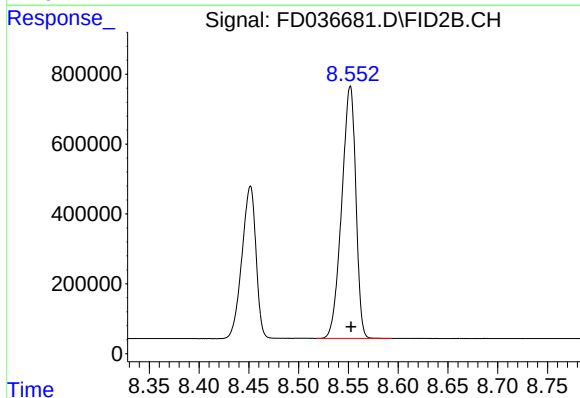
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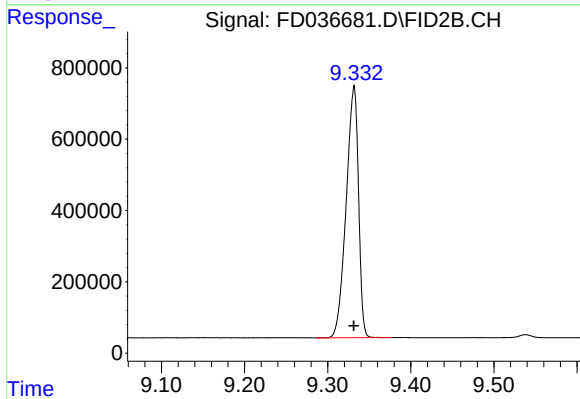
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min
Delta R.T.: -0.001 min
Response: 4275958
Conc: 45.55 ug/ml



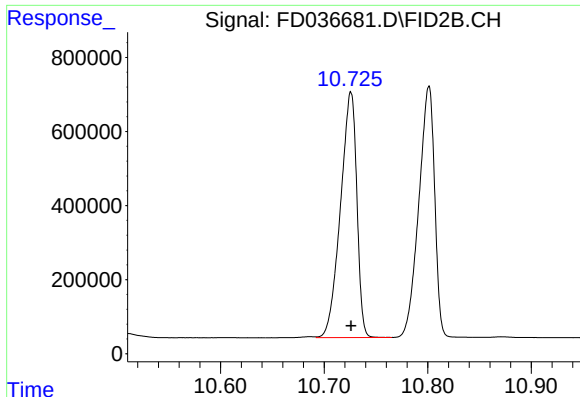
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 7139693
Conc: 45.99 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 7270427
Conc: 48.29 ug/ml



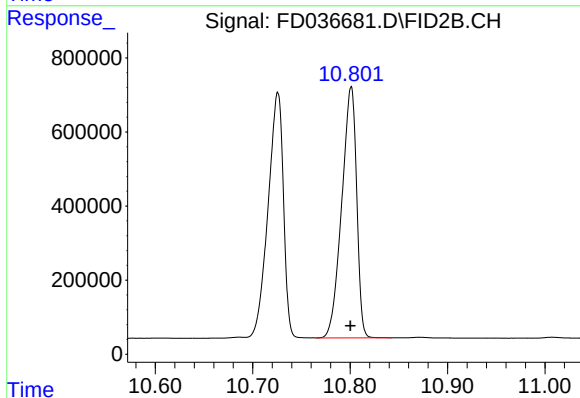
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: 0.000 min
Response: 7270375
Conc: 49.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135480BSD

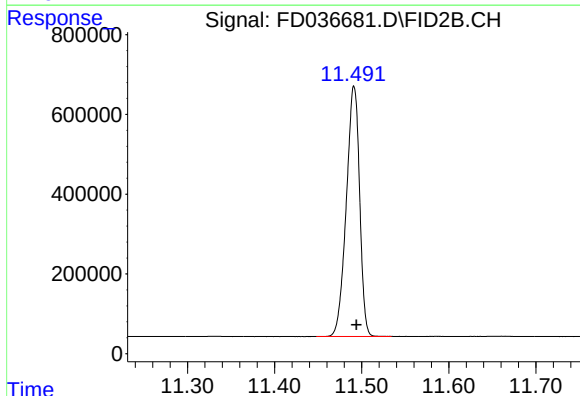
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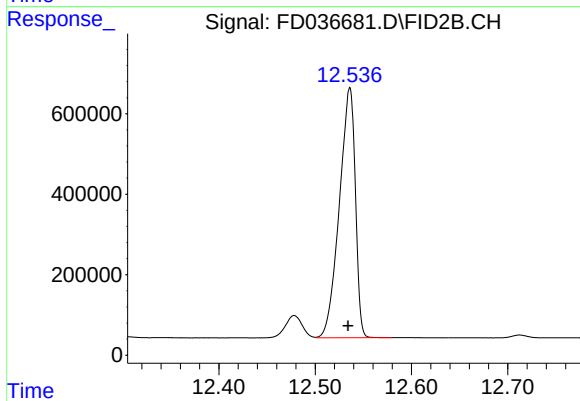
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: 0.001 min
Response: 7212778
Conc: 49.82 ug/ml



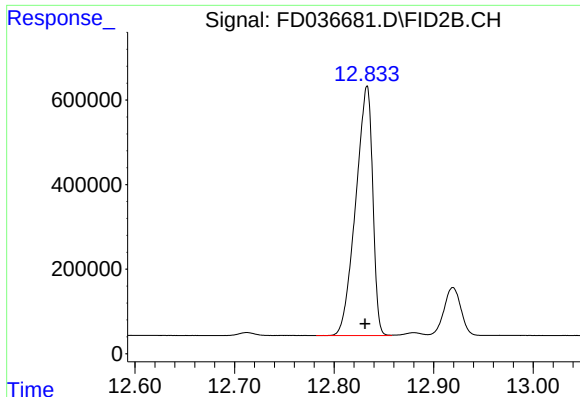
#11 ortho-Terphenyl (SURRE)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 6659146
Conc: 43.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: 0.002 min
Response: 7144237
Conc: 50.89 ug/ml



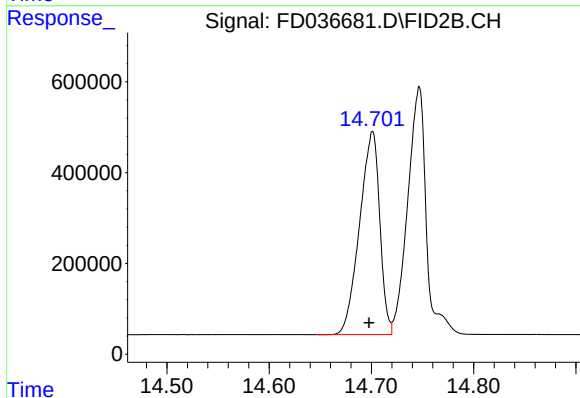
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: 0.002 min
Response: 6995596
Conc: 50.99 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135480BSD

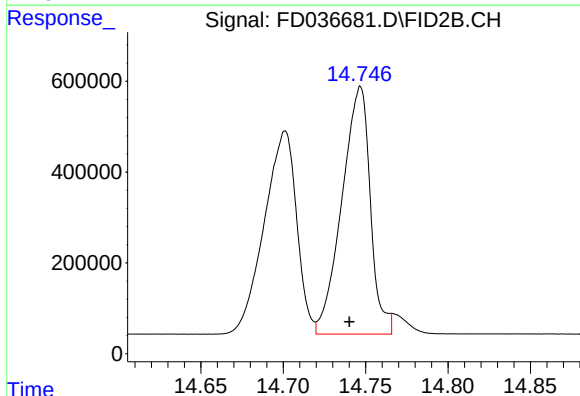
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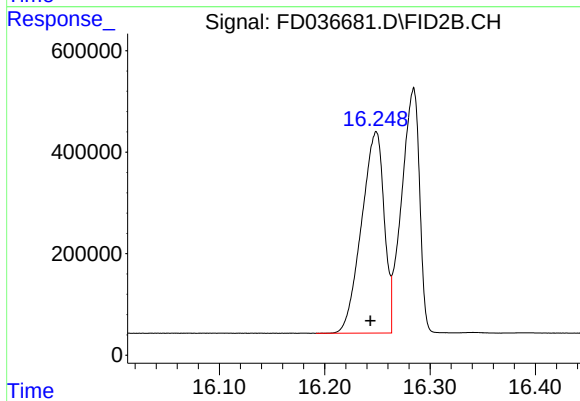
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.004 min
Response: 6126202
Conc: 51.59 ug/ml



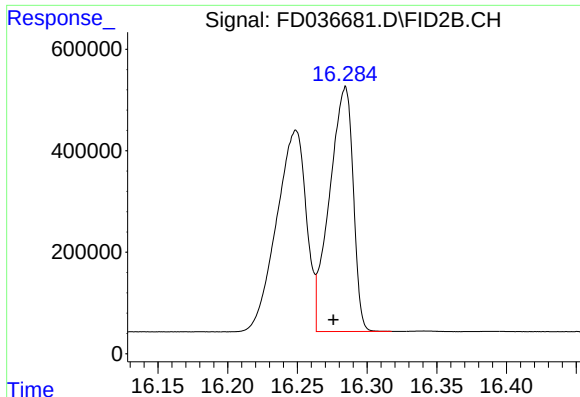
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: 0.006 min
Response: 6561604
Conc: 54.26 ug/ml m



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

R.T.: 16.249 min
Delta R.T.: 0.005 min
Response: 5915487
Conc: 53.91 ug/ml



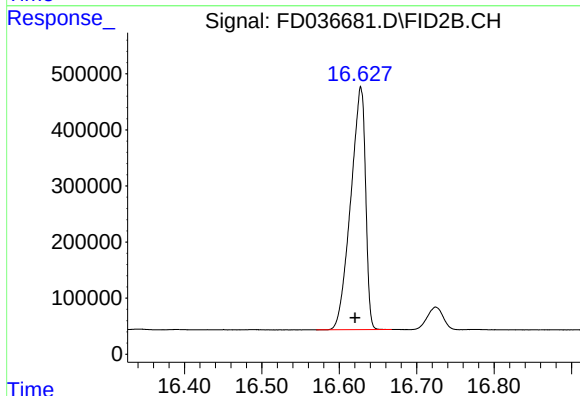
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.284 min
Delta R.T.: 0.008 min
Response: 5684086
Conc: 53.47 ug/ml

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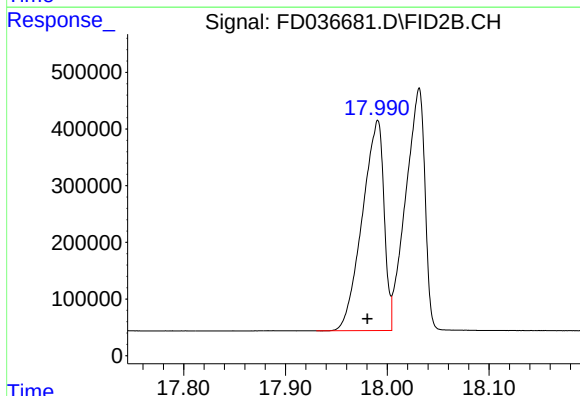
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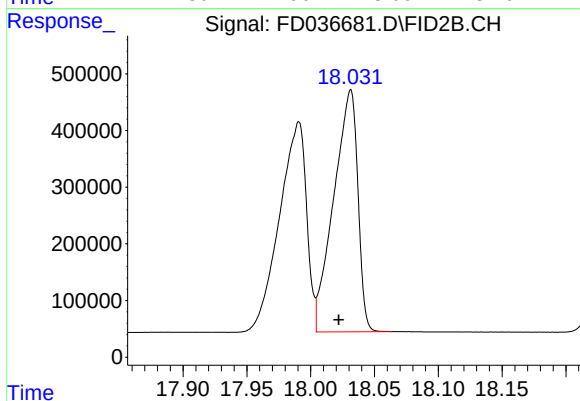
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: 0.007 min
Response: 5771434
Conc: 57.91 ug/ml



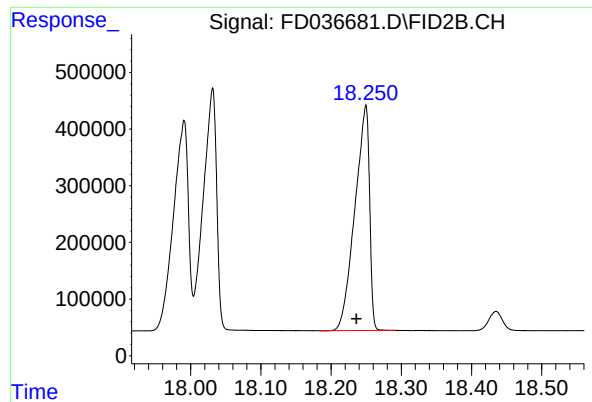
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: 0.010 min
Response: 5501331
Conc: 54.73 ug/ml



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

R.T.: 18.031 min
Delta R.T.: 0.009 min
Response: 5609115
Conc: 55.63 ug/ml



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

R.T.: 18.249 min
Delta R.T.: 0.014 min
Response: 5742581
Conc: 56.68 ug/ml

Instrument :
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