

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031392.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 22:51
 Operator : DD\AJ
 Sample : K5725-08MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-3MSD

Manual Integrations
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Ankita
 11/11/2019 11:34:31 AM

Integration File: sample.E
 Quant Time: Nov 09 02:43:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.637	6324775	53.133 ug/mlm
Spiked Amount 50.000		Recovery =	106.27%
6) S 2-Fluorobiphenyl (SURR)	8.503	2566167	31.146 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.29%
11) S ortho-Terphenyl (SURR)	11.552	6127070	47.880 ug/mlm
Spiked Amount 50.000		Recovery =	95.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	3313377	27.604 ug/ml
2) T Naphthalene (C11.7)	5.968	4826848	37.488 ug/mlm
3) T 2-Methylnaphthalene (...)	7.026	9328097	72.633 ug/mlm
5) T Acenaphthylene (C15.06)	8.305	11971536	95.096 ug/mlm
7) T Acenaphthene (C15.5)	8.605	10352525	79.067 ug/mlm
8) T Fluorene (C16.55)	9.391	7459888	57.057 ug/mlm
9) T Phenanthrene (C19.36)	10.794	10204705	77.451 ug/mlm
10) T Anthracene (C19.43)	10.867	9971579	77.332 ug/mlm
12) T Fluoranthene (C21.85)	12.607	13745781	103.722 ug/mlm
13) T Pyrene (C20.8)	12.901	11423614	86.741 ug/mlm
14) T Benzo[a]anthracene (C...	14.756	7429592	58.693 ug/mlm
15) T Chrysene (C27.41)	14.801	7724430	60.902 ug/mlm
16) T benzo[b]fluoranthene ...	16.306	8040591	64.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	6377683	50.680 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	6708009	54.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.045	6902300	56.745 ug/ml
20) T Dibenz[a,h]anthracene...	18.083	5844558	47.201 ug/ml
21) T Benzo[g,h,i]perylene ...	18.302	6421209	53.229 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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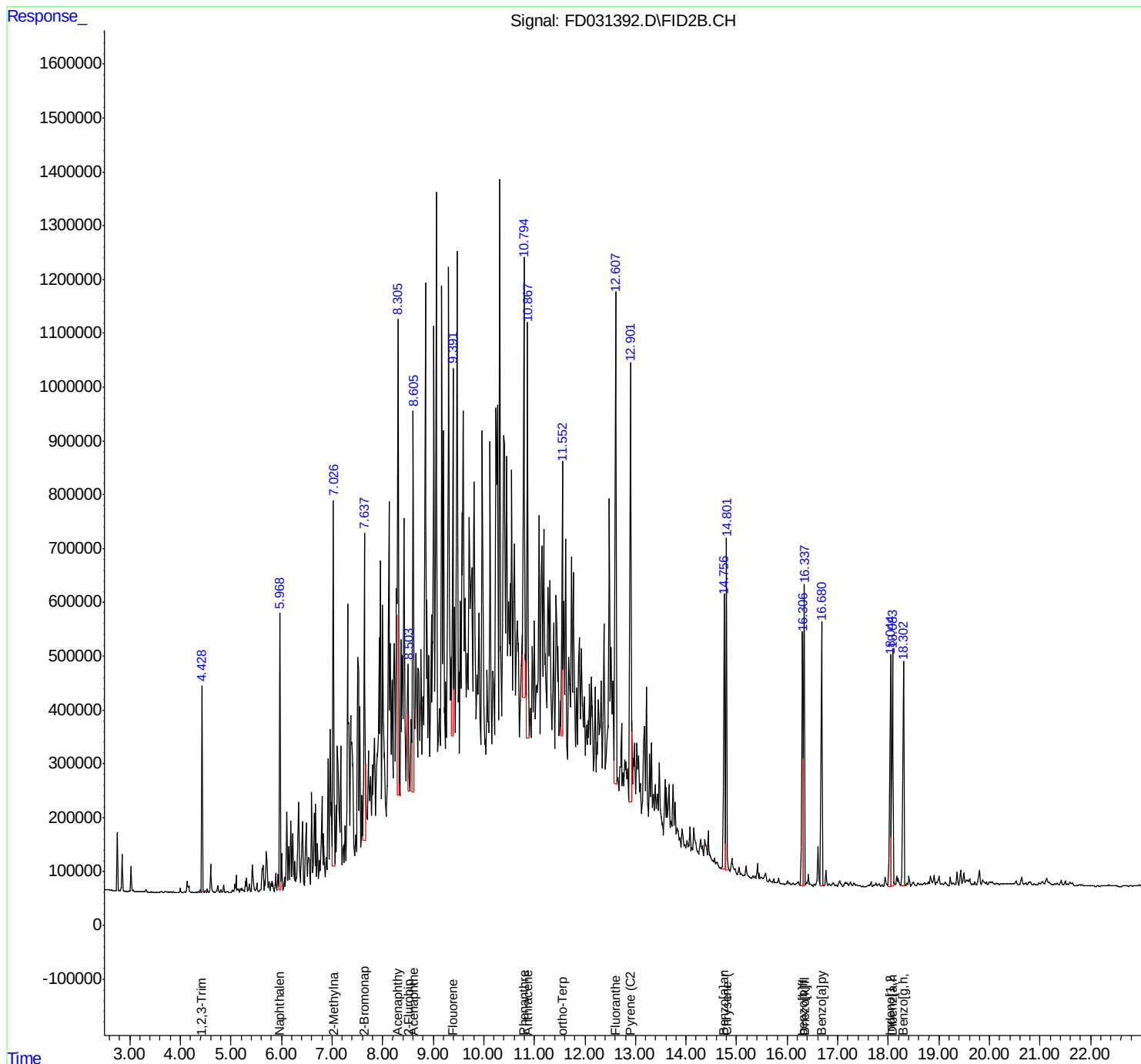
Instrument :
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SO-3MSD

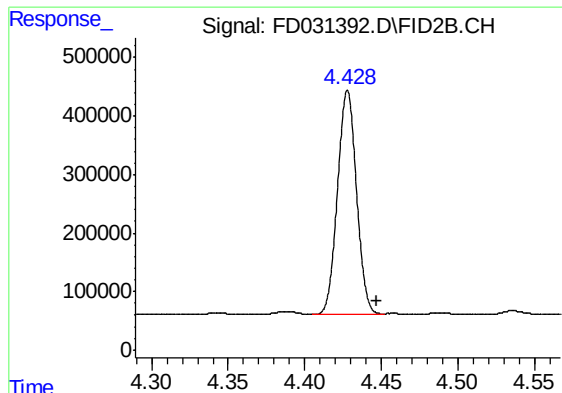
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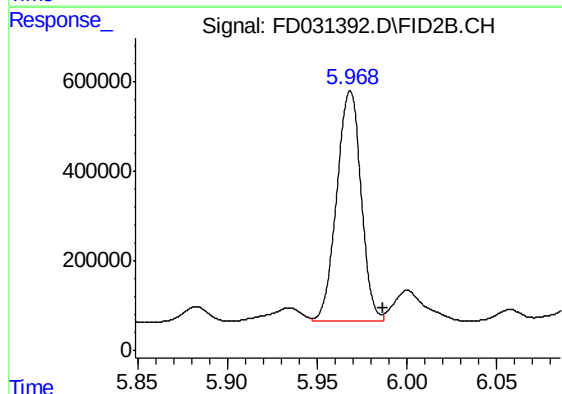
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.428 min
Delta R.T.: -0.019 min
Response: 3313377
Conc: 27.60 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3MSD

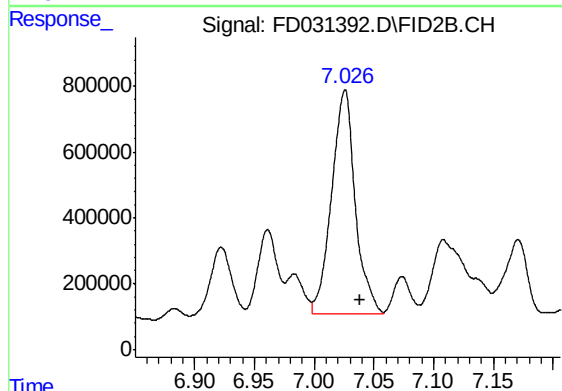
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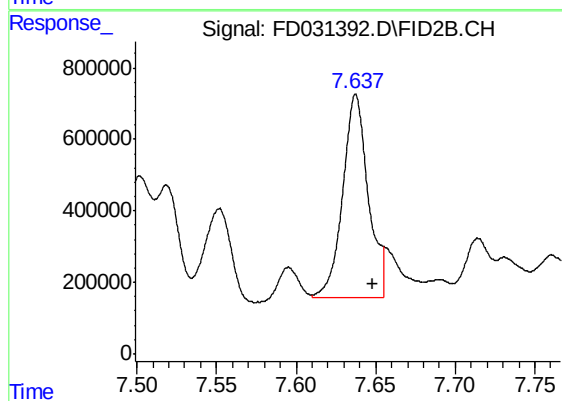
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.019 min
Response: 4826848
Conc: 37.49 ug/ml m



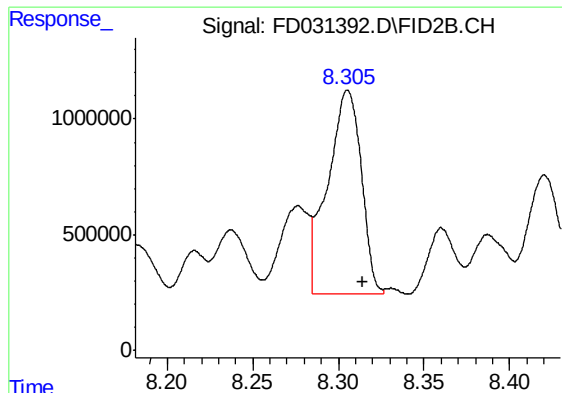
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.013 min
Response: 9328097
Conc: 72.63 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.637 min
Delta R.T.: -0.011 min
Response: 6324775
Conc: 53.13 ug/ml m



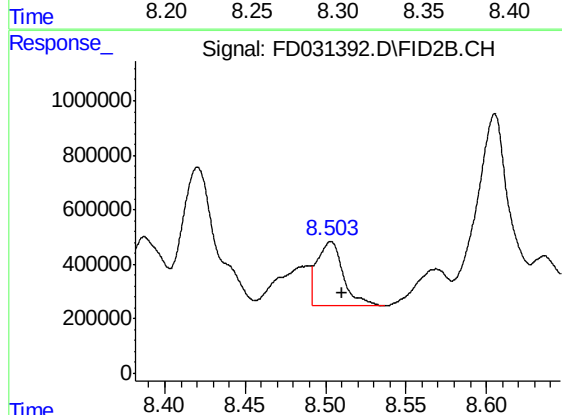
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 11971536
Conc: 95.10 ug/ml m

Instrument :
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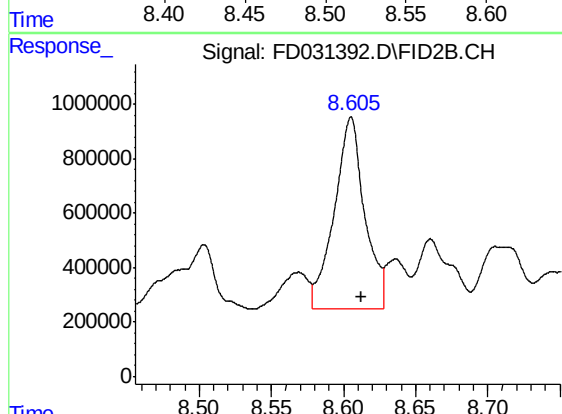
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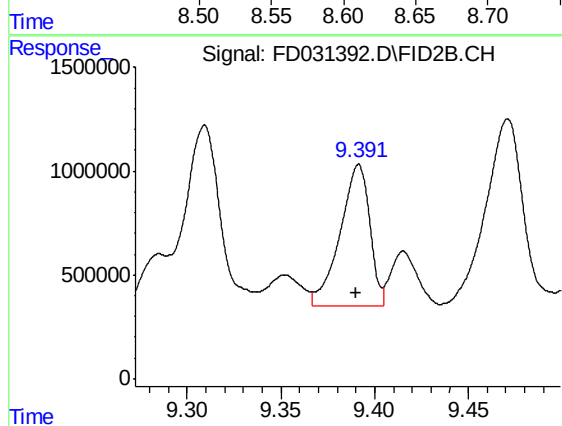
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 2566167
Conc: 31.15 ug/ml m



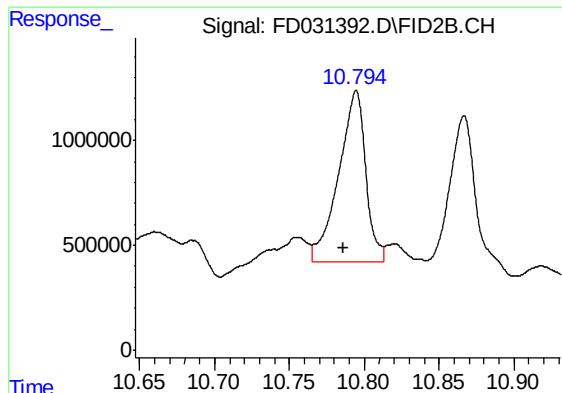
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 10352525
Conc: 79.07 ug/ml m



#8 Fluorene (C16.55)

R.T.: 9.391 min
Delta R.T.: 0.000 min
Response: 7459888
Conc: 57.06 ug/ml m



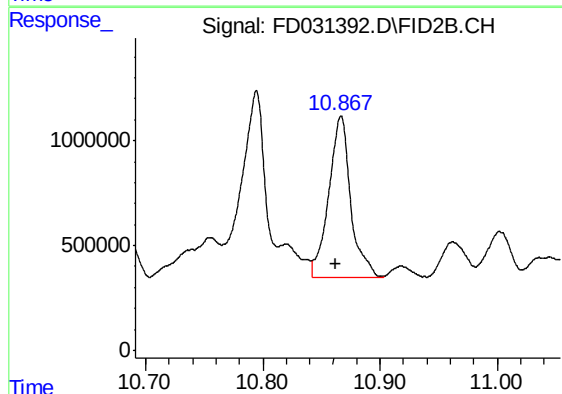
#9 Phenanthrene (C19.36)

R.T.: 10.794 min
Delta R.T.: 0.008 min
Response: 10204705
Conc: 77.45 ug/ml m

Instrument :
FID_D
ClientSampleId :
SO-3MSD

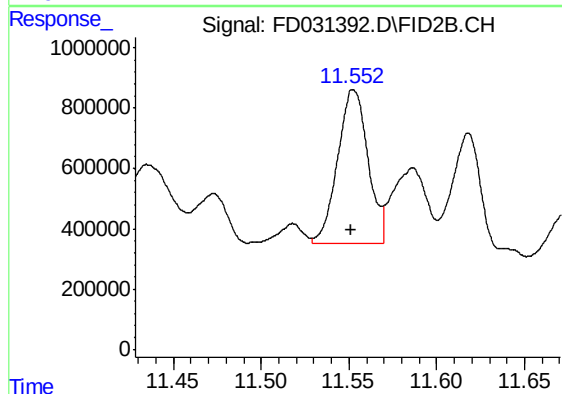
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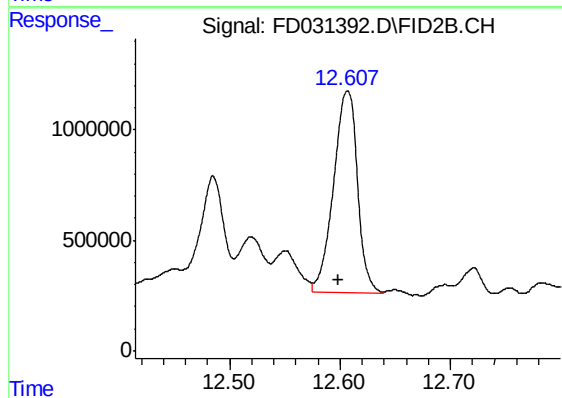
#10 Anthracene (C19.43)

R.T.: 10.867 min
Delta R.T.: 0.004 min
Response: 9971579
Conc: 77.33 ug/ml m



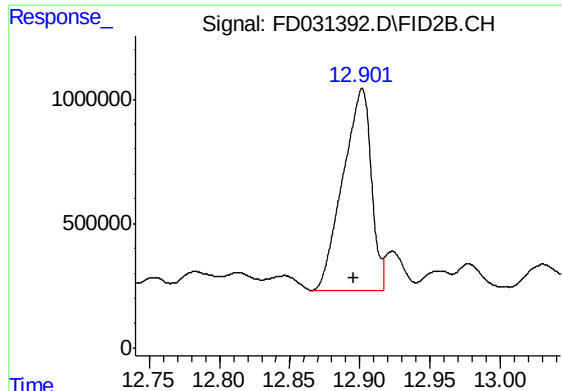
#11 ortho-Terphenyl (SURRE)

R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 6127070
Conc: 47.88 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.607 min
Delta R.T.: 0.008 min
Response: 13745781
Conc: 103.72 ug/ml m



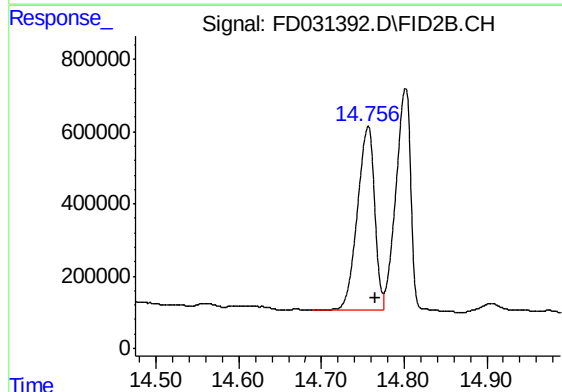
#13 Pyrene (C20.8)

R.T.: 12.901 min
Delta R.T.: 0.006 min
Response: 11423614
Conc: 86.74 ug/ml m

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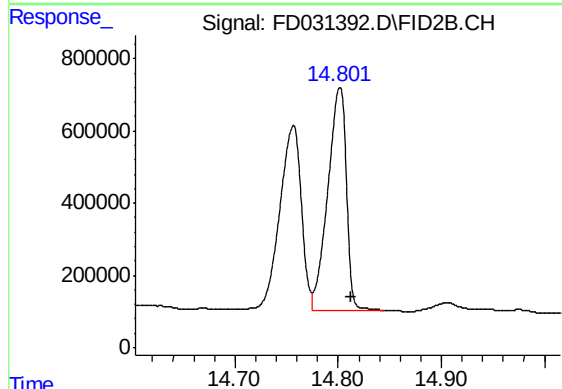
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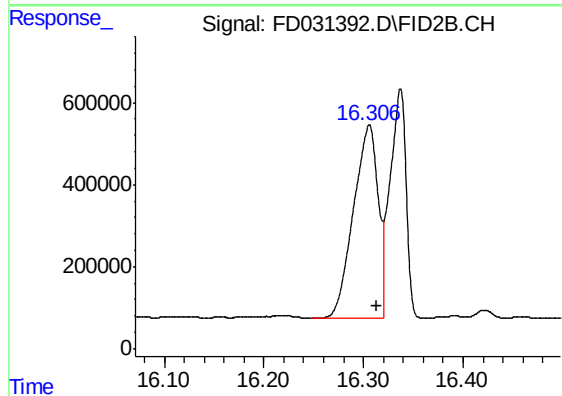
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: -0.009 min
Response: 7429592
Conc: 58.69 ug/ml m



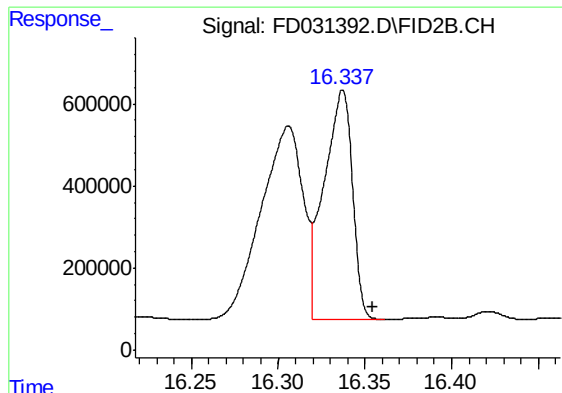
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.012 min
Response: 7724430
Conc: 60.90 ug/ml m



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

R.T.: 16.306 min
Delta R.T.: -0.008 min
Response: 8040591
Conc: 64.05 ug/ml



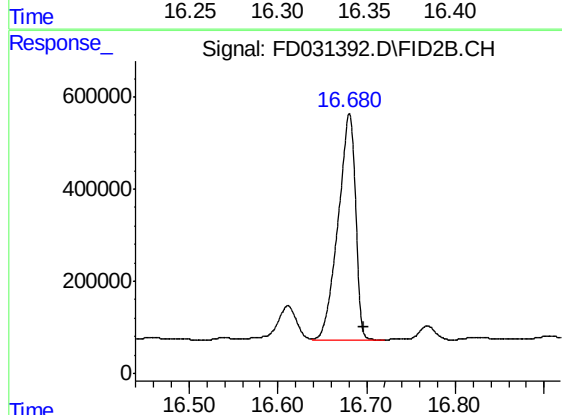
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: -0.018 min
Response: 6377683
Conc: 50.68 ug/ml

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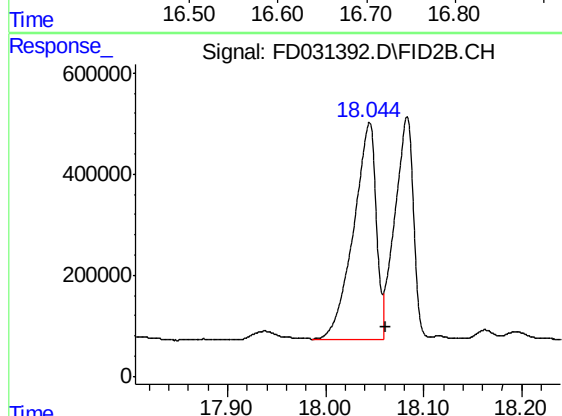
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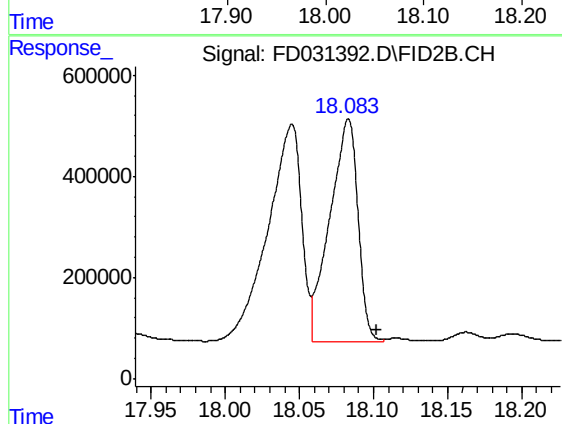
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.016 min
Response: 6708009
Conc: 54.05 ug/ml



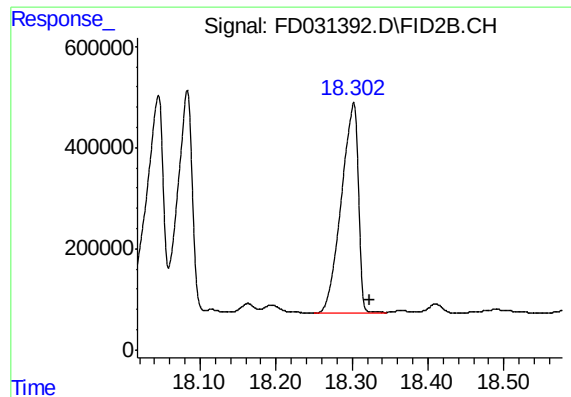
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min
Delta R.T.: -0.016 min
Response: 6902300
Conc: 56.74 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.019 min
Response: 5844558
Conc: 47.20 ug/ml



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

R.T.: 18.302 min
Delta R.T.: -0.020 min
Response: 6421209
Conc: 53.23 ug/ml

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