

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120120AR\
 Data File : FD035725.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2020 18:28
 Operator : DD\AJ
 Sample : PB133326BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB133326BSD

Manual Integrations
 APPROVED

Ankita
 12/2/2020 9:50:56 AM

Integration File: autoint1.e
 Quant Time: Dec 02 01:54:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.607	5568171	43.691 ug/ml
Spiked Amount 50.000		Recovery =	87.38%
6) S 2-Fluorobiphenyl (SURR)	8.474	3786265	43.669 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.34%
11) S ortho-Terphenyl (SURR)	11.509	5596069	37.812 ug/ml
Spiked Amount 50.000		Recovery =	75.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	4738335	32.720 ug/ml
2) T Naphthalene (C11.7)	5.946	5433569	36.128 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	5691240	37.717 ug/ml
5) T Acenaphthylene (C15.06)	8.274	5633881	38.490 ug/ml
7) T Acenaphthene (C15.5)	8.570	6012834	39.717 ug/ml
8) T Fluorene (C16.55)	9.352	5918083	41.230 ug/ml
9) T Phenanthrene (C19.36)	10.749	5778186	40.633 ug/ml
10) T Anthracene (C19.43)	10.826	5832165	40.767 ug/ml
12) T Fluoranthene (C21.85)	12.563	5579124	40.016 ug/ml
13) T Pyrene (C20.8)	12.860	5456956	40.293 ug/ml
14) T Benzo[a]anthracene (C...	14.734	4823437	41.476 ug/ml
15) T Chrysene (C27.41)	14.777	5513571	43.131 ug/ml
16) T benzo[b]fluoranthene ...	16.287	4645385	42.945 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.320	4084263	36.807 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.666	3871558	39.262 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	4038097	41.747 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	3764003	36.486 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.290	4011398	40.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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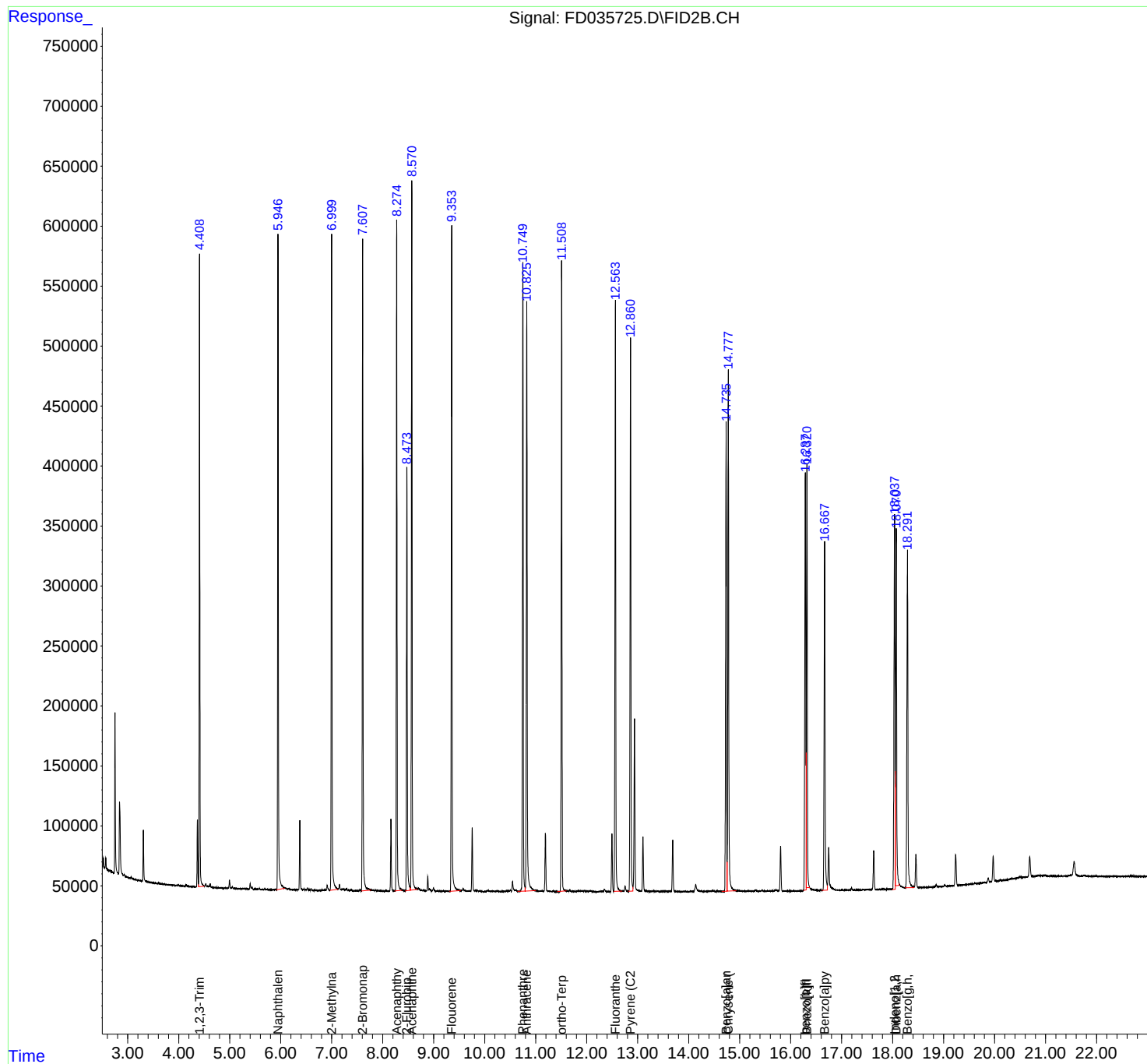
Instrument :
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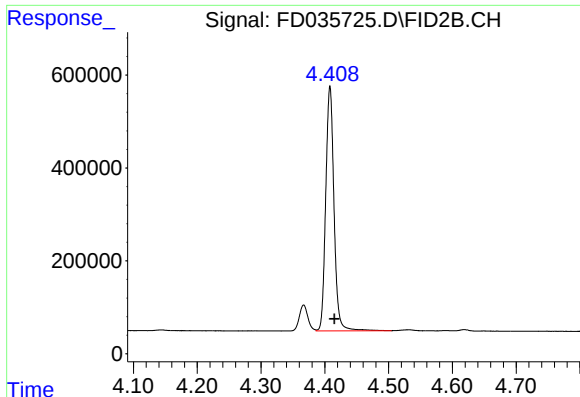
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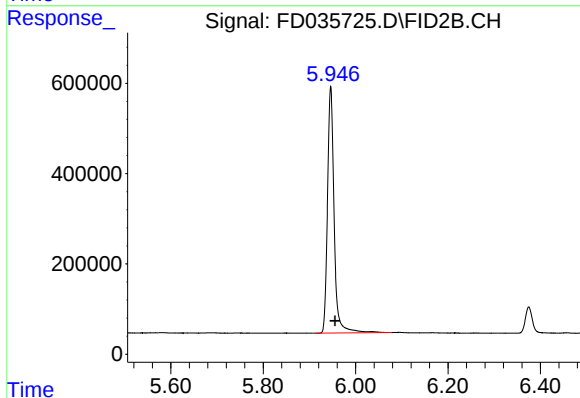
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.408 min
Delta R.T.: -0.007 min
Response: 4738335
Conc: 32.72 ug/ml

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PB133326BSD

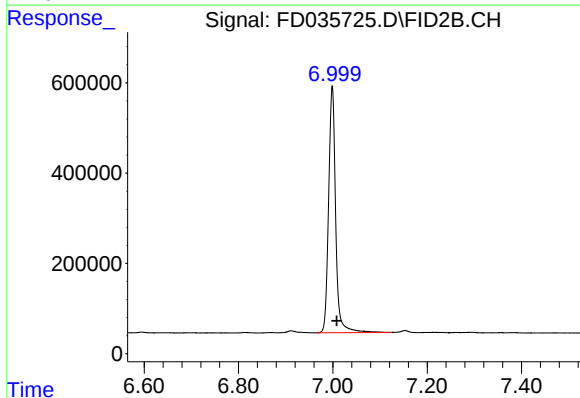
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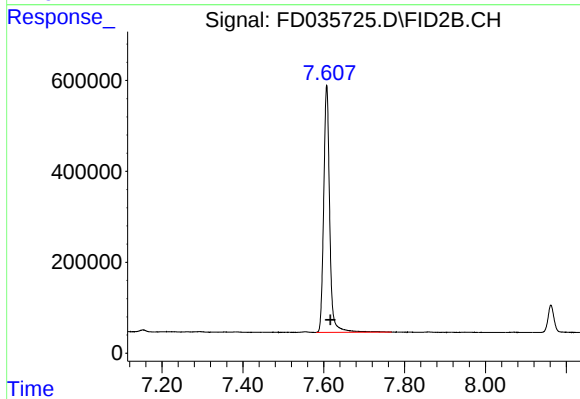
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.010 min
Response: 5433569
Conc: 36.13 ug/ml



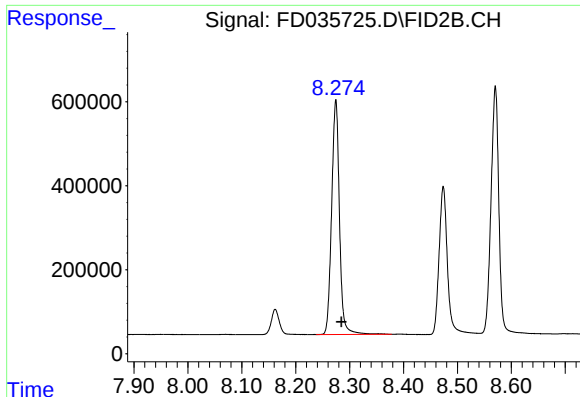
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.010 min
Response: 5691240
Conc: 37.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 5568171
Conc: 43.69 ug/ml



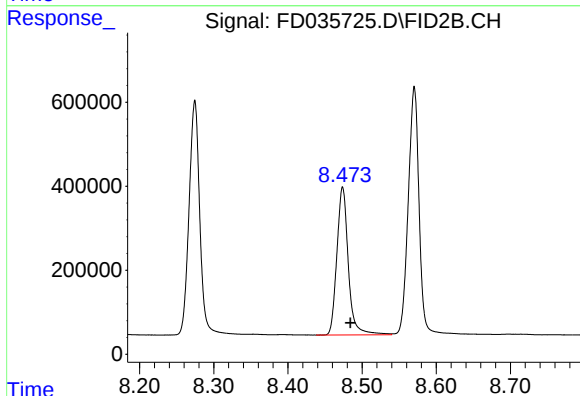
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.011 min
Response: 5633881
Conc: 38.49 ug/ml

Instrument :
FID_D
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PB133326BSD

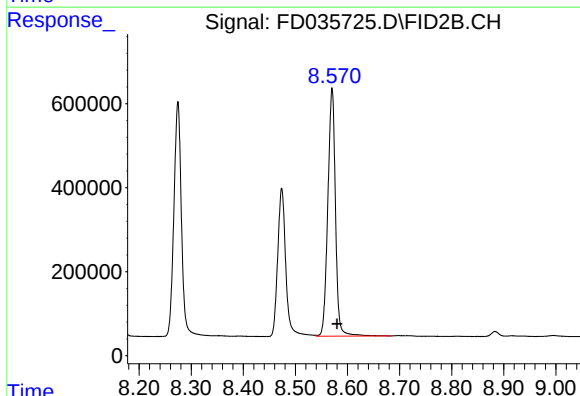
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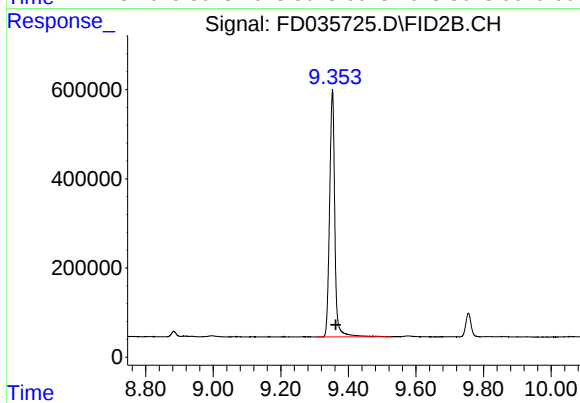
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.011 min
Response: 3786265
Conc: 43.67 ug/ml



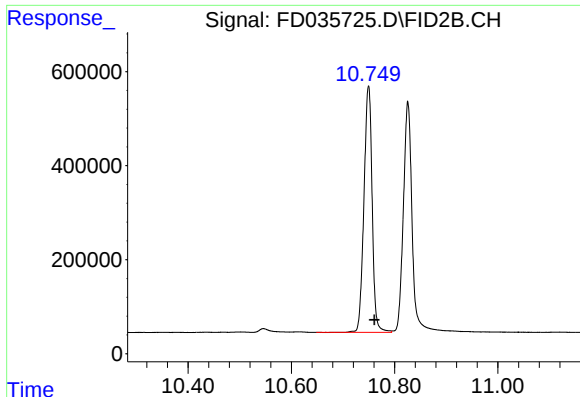
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.010 min
Response: 6012834
Conc: 39.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.352 min
Delta R.T.: -0.010 min
Response: 5918083
Conc: 41.23 ug/ml



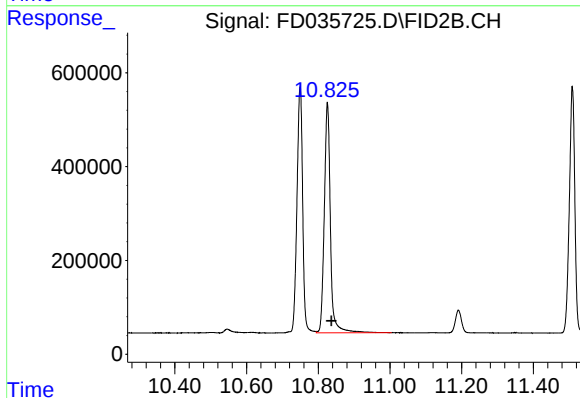
#9 Phenanthrene (C19.36)

R.T.: 10.749 min
Delta R.T.: -0.012 min
Response: 5778186
Conc: 40.63 ug/ml

Instrument :
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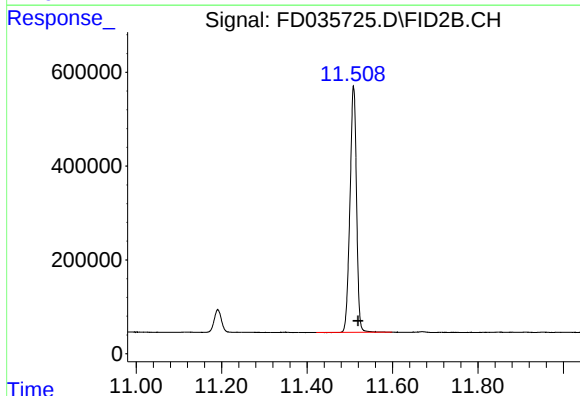
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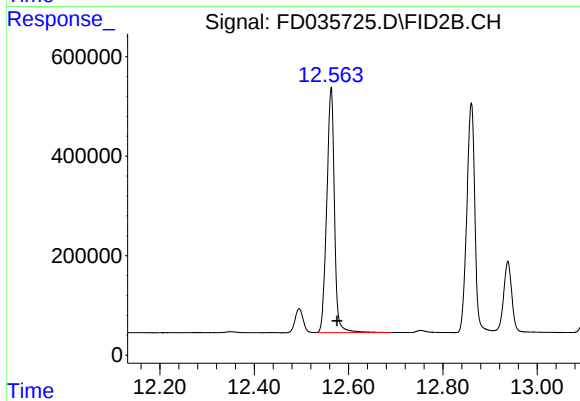
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.011 min
Response: 5832165
Conc: 40.77 ug/ml



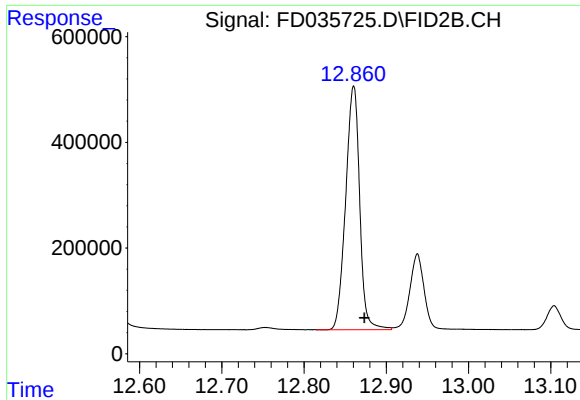
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.010 min
Response: 5596069
Conc: 37.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.563 min
Delta R.T.: -0.013 min
Response: 5579124
Conc: 40.02 ug/ml



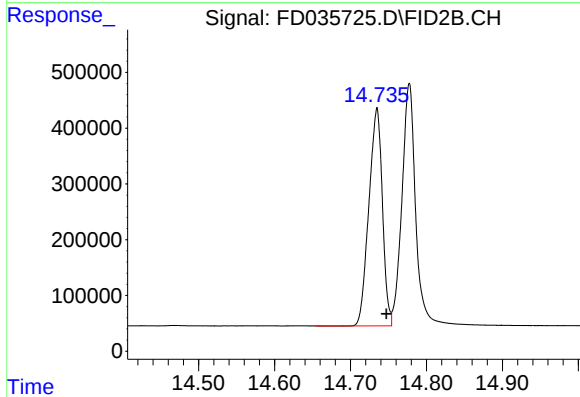
#13 Pyrene (C20.8)

R.T.: 12.860 min
Delta R.T.: -0.013 min
Response: 5456956
Conc: 40.29 ug/ml

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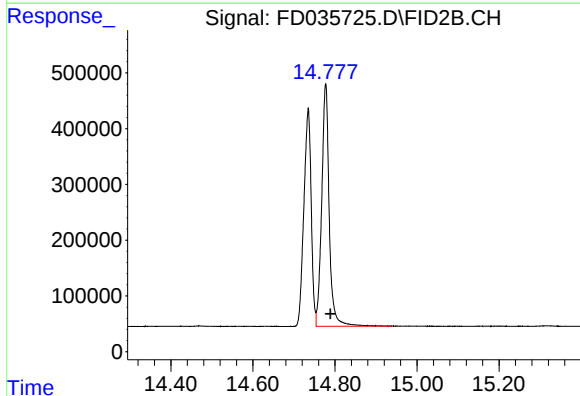
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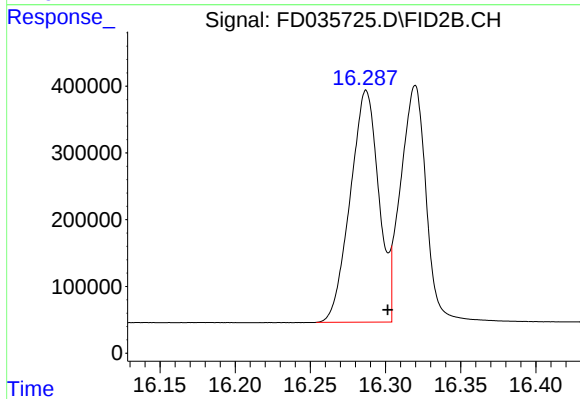
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.013 min
Response: 4823437
Conc: 41.48 ug/ml



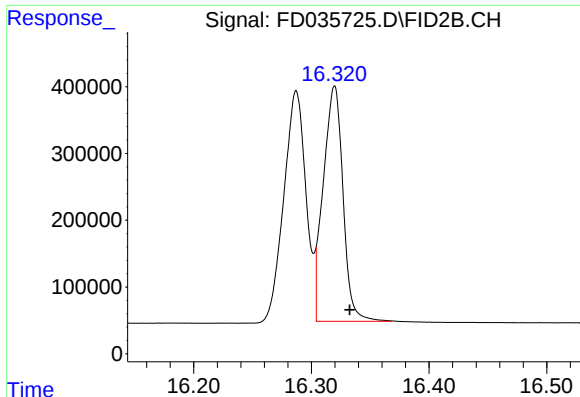
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.012 min
Response: 5513571
Conc: 43.13 ug/ml



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

R.T.: 16.287 min
Delta R.T.: -0.015 min
Response: 4645385
Conc: 42.95 ug/ml m



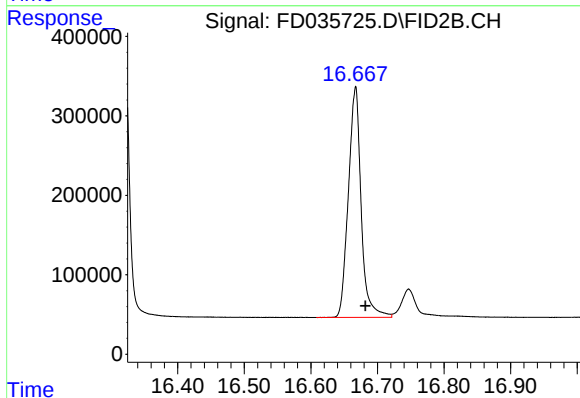
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.013 min
Response: 4084263
Conc: 36.81 ug/ml m

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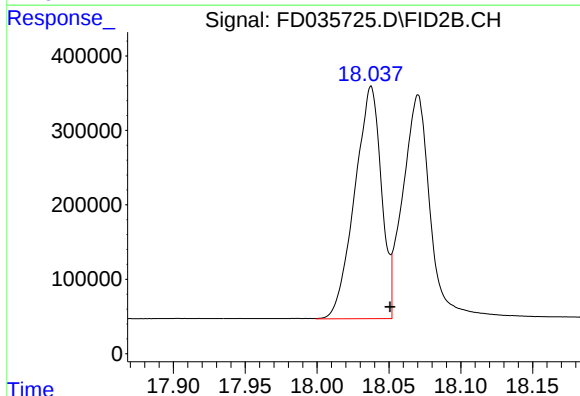
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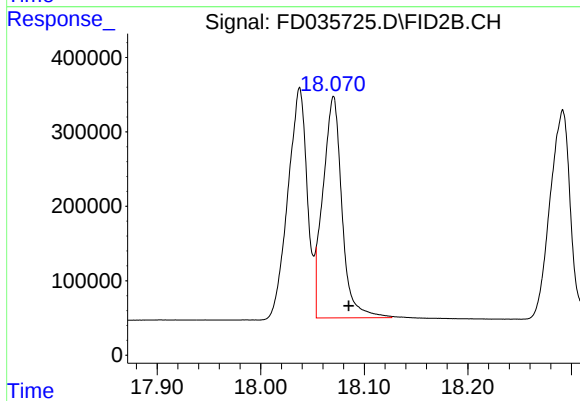
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.016 min
Response: 3871558
Conc: 39.26 ug/ml



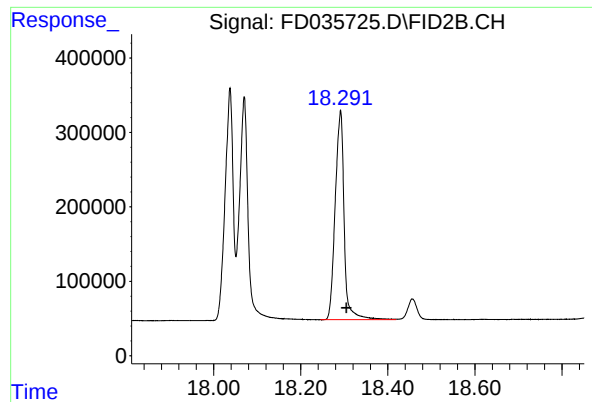
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: -0.013 min
Response: 4038097
Conc: 41.75 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.015 min
Response: 3764003
Conc: 36.49 ug/ml m



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

R.T.: 18.290 min
Delta R.T.: -0.015 min
Response: 4011398
Conc: 40.51 ug/ml

Instrument :
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