

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035787.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2020 21:08
 Operator : DD\AJ
 Sample : PB133637BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB133637BS

Manual Integrations
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 12/17/2020 12:10:54 PM

Integration File: autoint1.e
 Quant Time: Dec 17 06:42:31 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...	7.592	4539042	35.616 ug/ml
Spiked Amount 50.000		Recovery =	71.23%
6) S 2-Fluorobiphenyl (SURR)	8.458	2014087	23.230 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.46%
11) S ortho-Terphenyl (SURR)	11.491	4112074	27.785 ug/ml
Spiked Amount 50.000		Recovery =	55.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	2591003	17.892 ug/ml
2) T Naphthalene (C11.7)	5.931	3148425	20.934 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	3372254	22.348 ug/ml
5) T Acenaphthylene (C15.06)	8.258	3853102	26.324 ug/ml
7) T Acenaphthene (C15.5)	8.552	3718505	24.562 ug/ml
8) T Flouorene (C16.55)	9.335	3839331	26.748 ug/ml
9) T Phenanthrene (C19.36)	10.733	3959862	27.846 ug/ml
10) T Anthracene (C19.43)	10.808	4047333	28.291 ug/ml
12) T Fluoranthene (C21.85)	12.545	3962306	28.419 ug/ml
13) T Pyrene (C20.8)	12.842	3884333	28.681 ug/ml
14) T Benzo[a]anthracene (C...	14.716	3682308	31.664 ug/mlm
15) T Chrysene (C27.41)	14.760	4410616	34.503 ug/ml
16) T benzo[b]fluoranthene ...	16.272	3847513	35.569 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.302	3913991	35.272 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	3823665	38.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	3604320	37.262 ug/mlm
20) T Dibenz[a,h]anthracene...	18.056	4031217	39.076 ug/ml
21) T Benzo[g,h,i]perylene ...	18.276	3809894	38.475 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB133637BS
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ALS Vial : 54 Sample Multiplier: 1

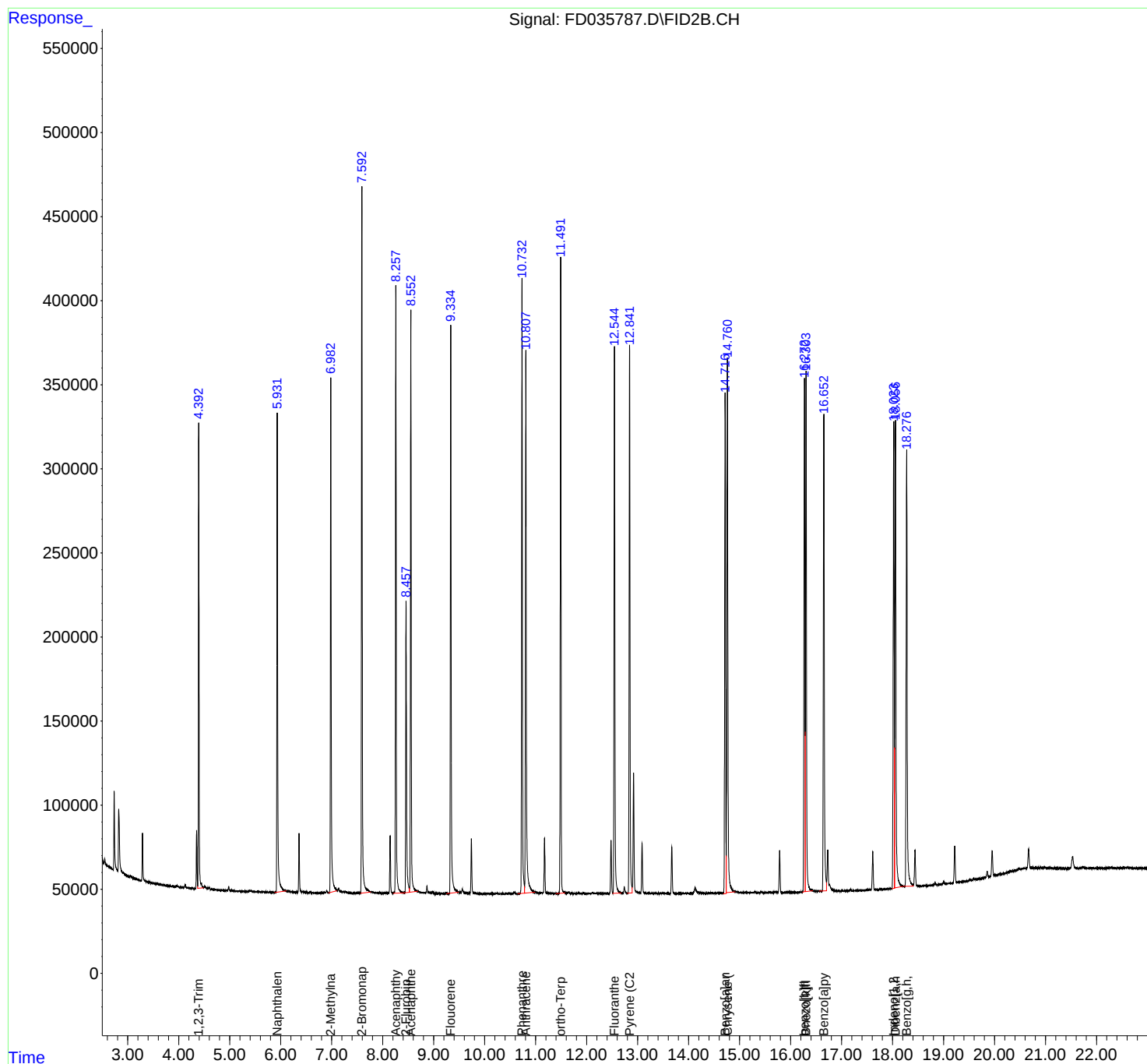
Instrument :
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PB133637BS

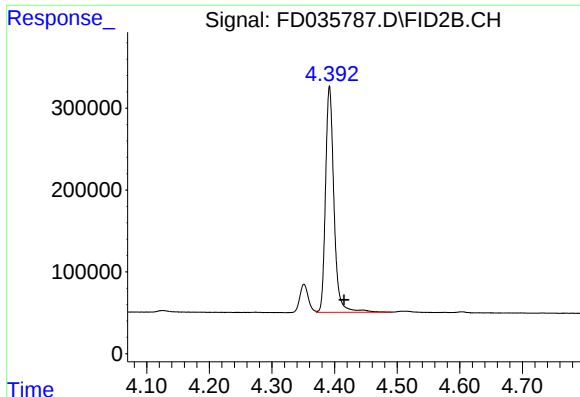
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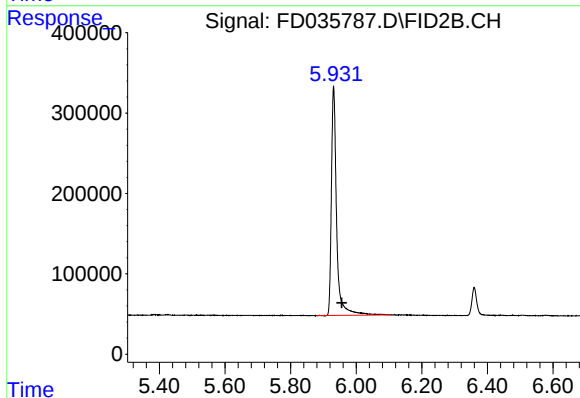
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: -0.023 min
Response: 2591003
Conc: 17.89 ug/ml

Instrument :
FID_D
ClientSampleId :
PB133637BS

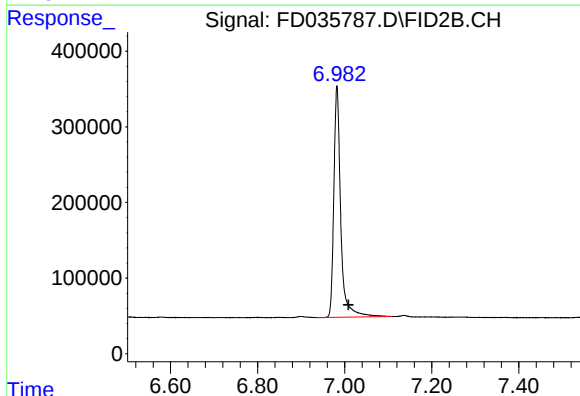
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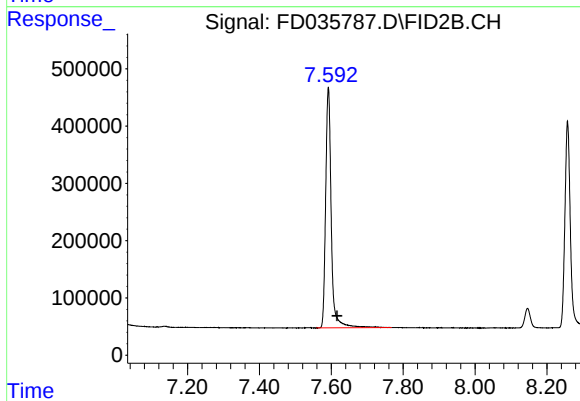
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.024 min
Response: 3148425
Conc: 20.93 ug/ml



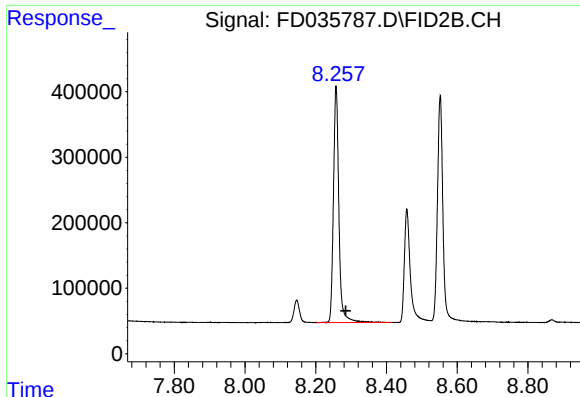
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: -0.026 min
Response: 3372254
Conc: 22.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.024 min
Response: 4539042
Conc: 35.62 ug/ml



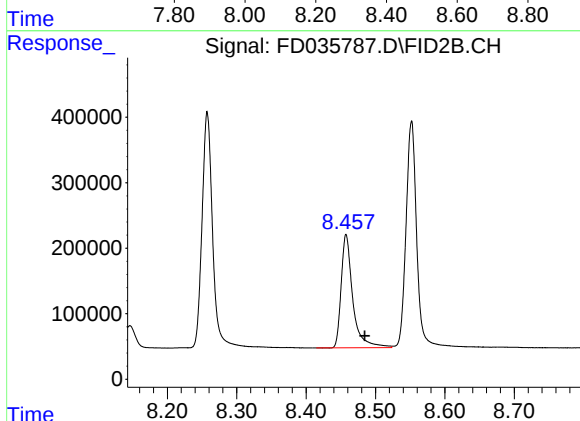
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: -0.027 min
Response: 3853102
Conc: 26.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PB133637BS

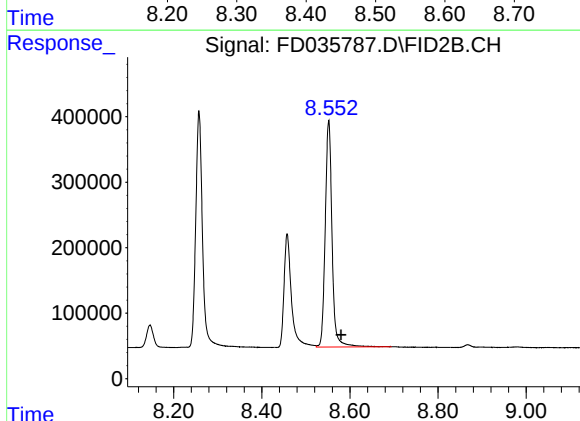
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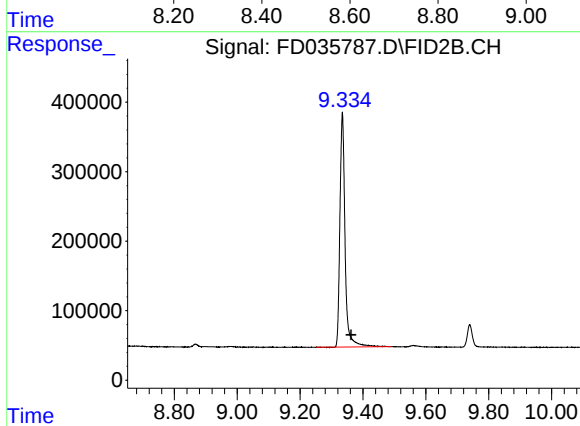
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: -0.027 min
Response: 2014087
Conc: 23.23 ug/ml



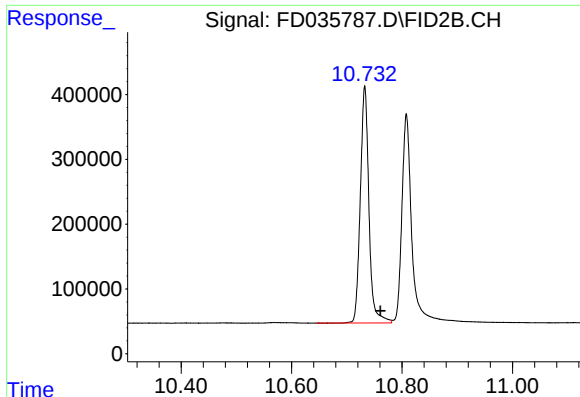
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: -0.028 min
Response: 3718505
Conc: 24.56 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.028 min
Response: 3839331
Conc: 26.75 ug/ml



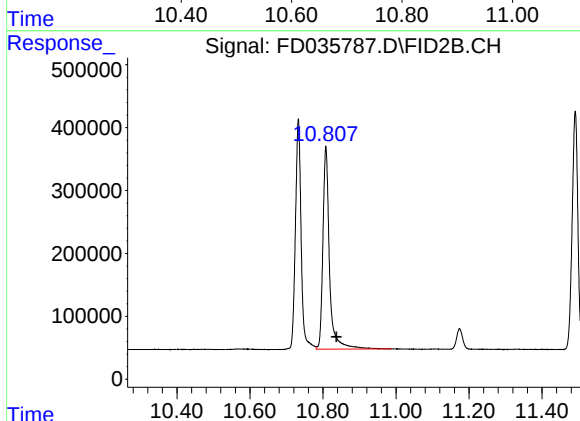
#9 Phenanthrene (C19.36)

R.T.: 10.733 min
Delta R.T.: -0.028 min
Response: 3959862
Conc: 27.85 ug/ml

Instrument :
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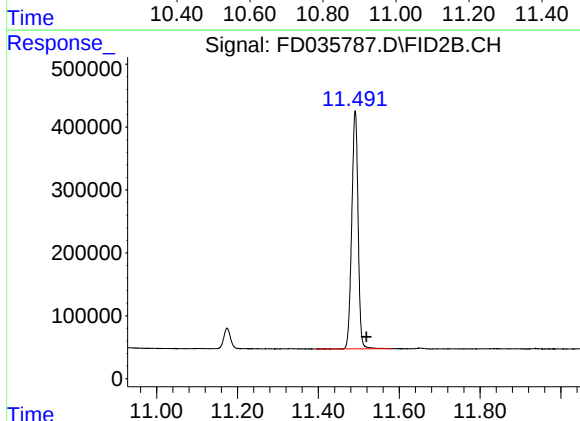
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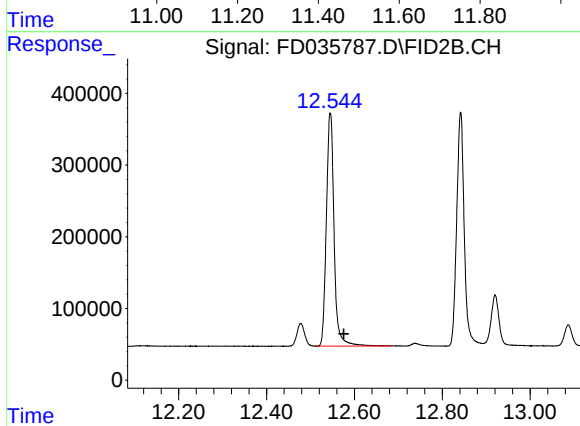
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: -0.028 min
Response: 4047333
Conc: 28.29 ug/ml



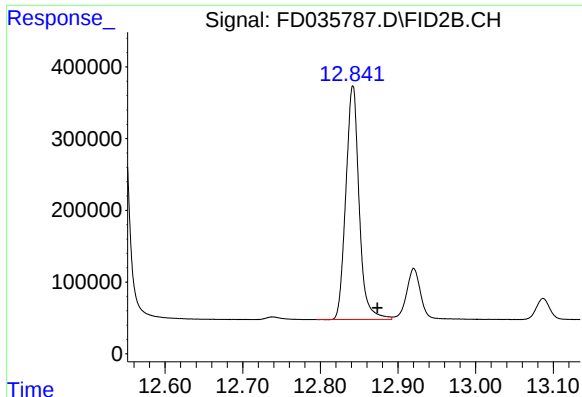
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.028 min
Response: 4112074
Conc: 27.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.545 min
Delta R.T.: -0.031 min
Response: 3962306
Conc: 28.42 ug/ml



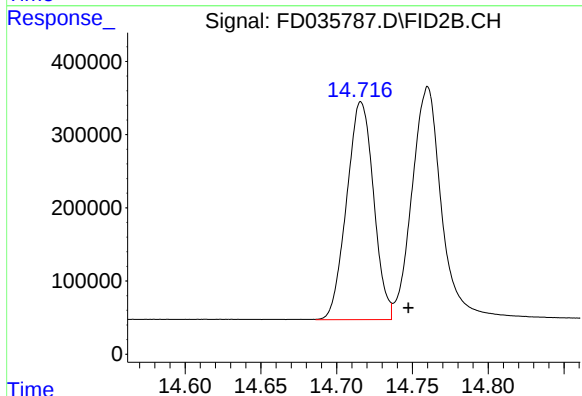
#13 Pyrene (C20.8)

R.T.: 12.842 min
Delta R.T.: -0.032 min
Response: 3884333
Conc: 28.68 ug/ml

Instrument :
FID_D
ClientSampleId :
PB133637BS

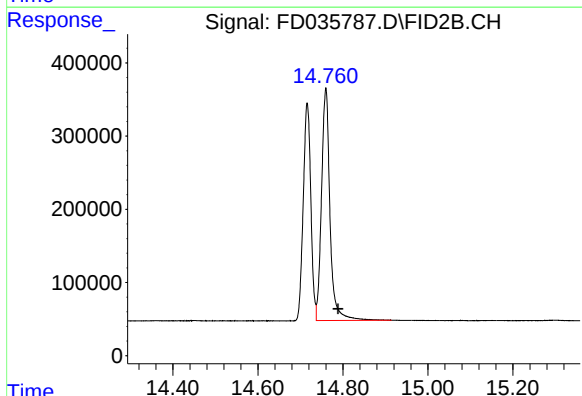
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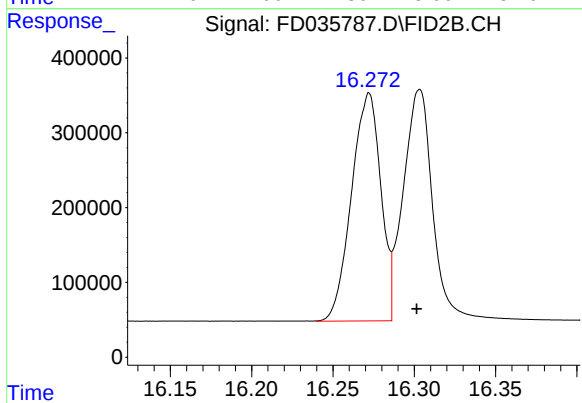
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: -0.032 min
Response: 3682308
Conc: 31.66 ug/ml m



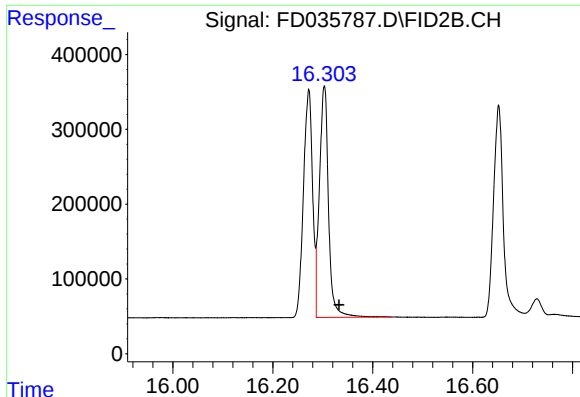
#15 Chrysene (C27.41)

R.T.: 14.760 min
Delta R.T.: -0.029 min
Response: 4410616
Conc: 34.50 ug/ml



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

R.T.: 16.272 min
Delta R.T.: -0.030 min
Response: 3847513
Conc: 35.57 ug/ml m



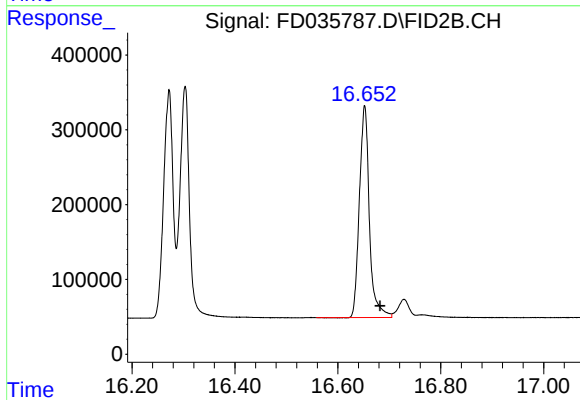
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.302 min
Delta R.T.: -0.030 min
Response: 3913991
Conc: 35.27 ug/ml

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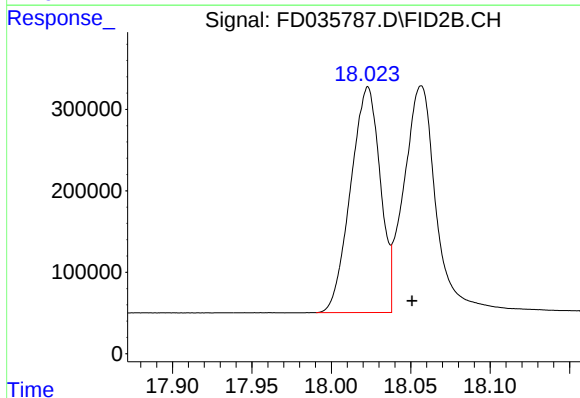
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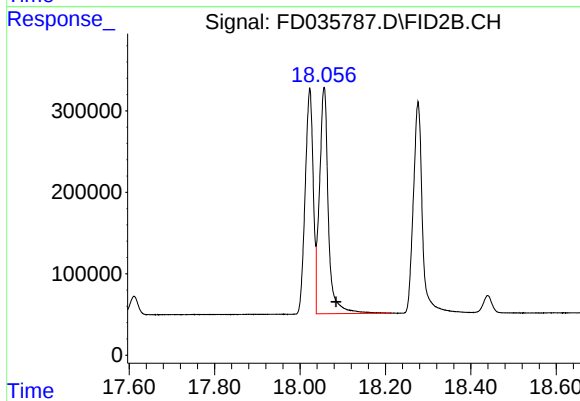
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.030 min
Response: 3823665
Conc: 38.78 ug/ml



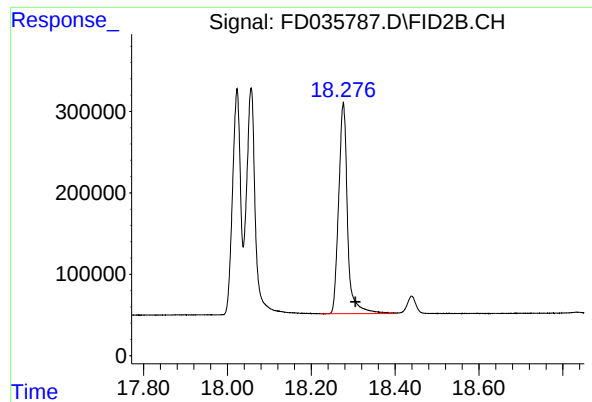
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.028 min
Response: 3604320
Conc: 37.26 ug/ml m



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

R.T.: 18.056 min
Delta R.T.: -0.029 min
Response: 4031217
Conc: 39.08 ug/ml



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

R.T.: 18.276 min
Delta R.T.: -0.029 min
Response: 3809894
Conc: 38.48 ug/ml

Instrument :
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