

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035788.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2020 21:46
 Operator : DD\AJ
 Sample : PB133637BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB133637BSD

Manual Integrations
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 12/17/2020 12:10:56 PM

Integration File: autoint1.e
 Quant Time: Dec 17 06:42:50 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	4959731	38.917 ug/ml
Spiked Amount 50.000		Recovery =	77.83%
6) S 2-Fluorobiphenyl (SURR)	8.458	2311514	26.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.32%
11) S ortho-Terphenyl (SURR)	11.490	4378772	29.587 ug/ml
Spiked Amount 50.000		Recovery =	59.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	2912407	20.111 ug/ml
2) T Naphthalene (C11.7)	5.931	3490741	23.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	3705486	24.557 ug/ml
5) T Acenaphthylene (C15.06)	8.257	4092659	27.961 ug/ml
7) T Acenaphthene (C15.5)	8.552	3992942	26.375 ug/ml
8) T Flouorene (C16.55)	9.334	4082189	28.440 ug/ml
9) T Phenanthrene (C19.36)	10.731	4189143	29.458 ug/ml
10) T Anthracene (C19.43)	10.808	4271589	29.858 ug/ml
12) T Fluoranthene (C21.85)	12.545	4185398	30.019 ug/ml
13) T Pyrene (C20.8)	12.842	4105607	30.315 ug/ml
14) T Benzo[a]anthracene (C...	14.718	3905386	33.582 ug/mlm
15) T Chrysene (C27.41)	14.760	4679264	36.604 ug/ml
16) T benzo[b]fluoranthene ...	16.273	4155188	38.414 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.304	4149714	37.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	4073560	41.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.025	3921355	40.540 ug/mlm
20) T Dibenz[a,h]anthracene...	18.056	4217930	40.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.278	4049729	40.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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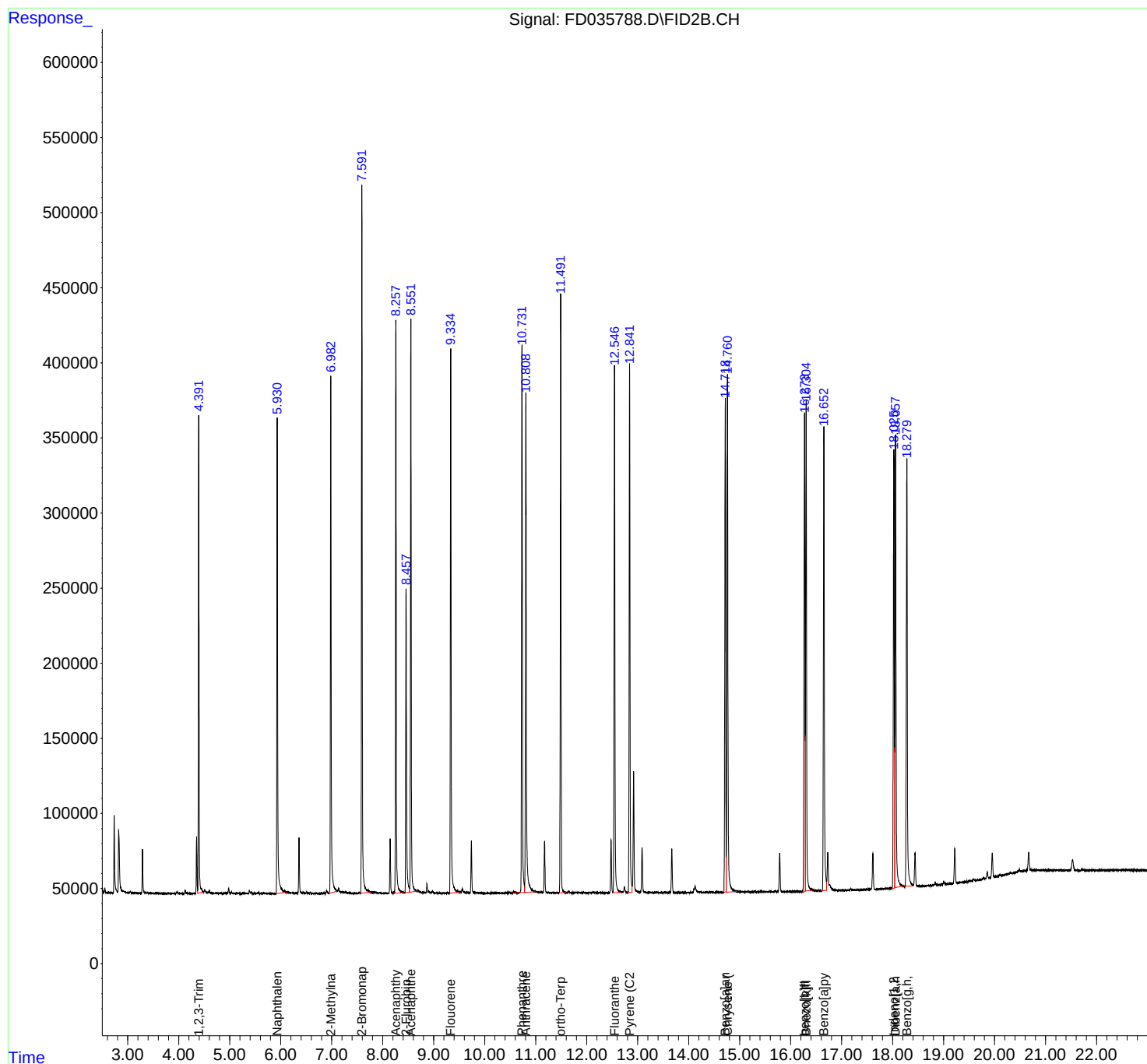
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PB133637BSD

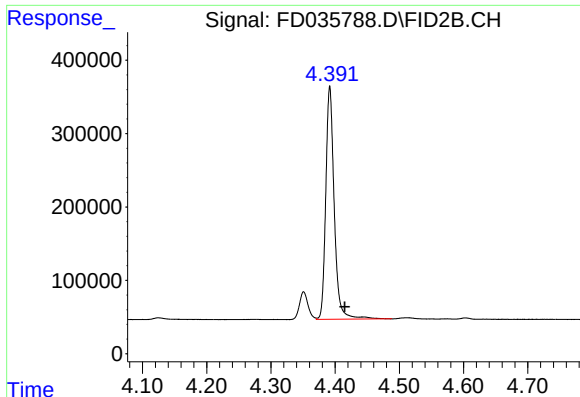
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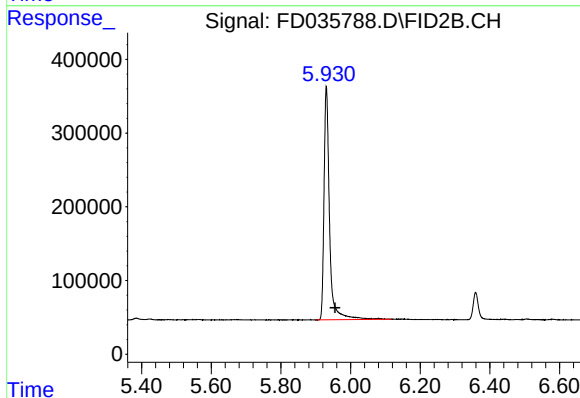
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: -0.023 min
Response: 2912407
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB133637BSD

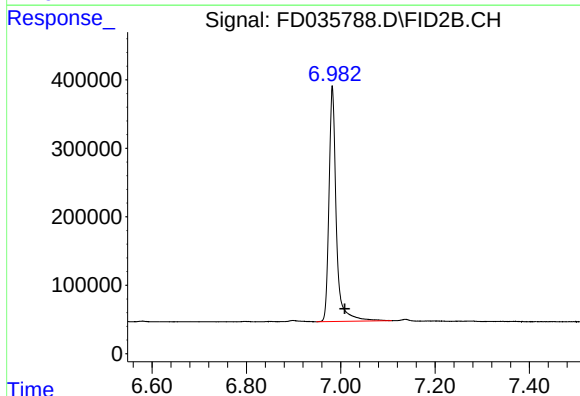
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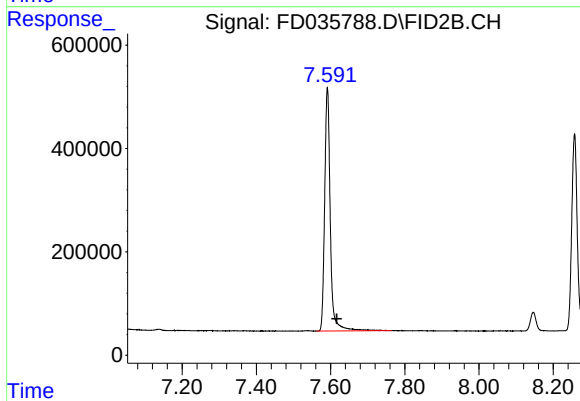
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.025 min
Response: 3490741
Conc: 23.21 ug/ml



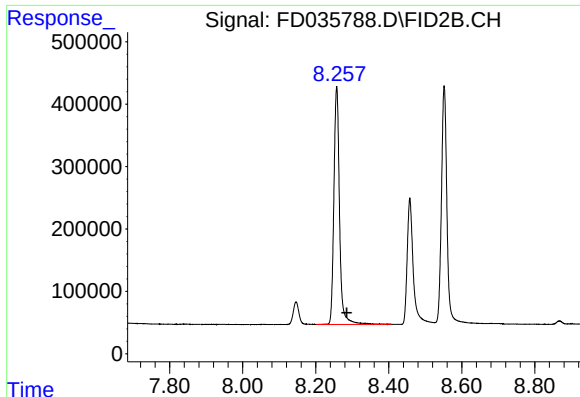
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: -0.026 min
Response: 3705486
Conc: 24.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.025 min
Response: 4959731
Conc: 38.92 ug/ml



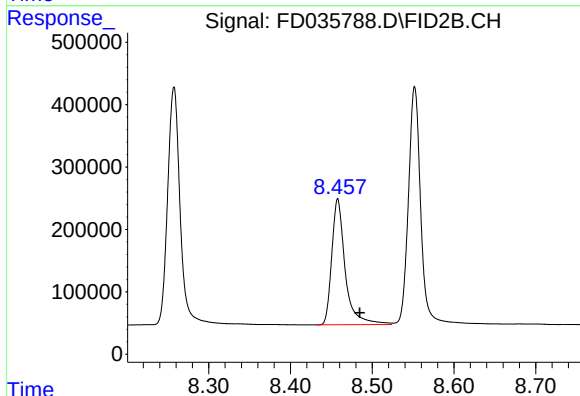
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: -0.028 min
Response: 4092659
Conc: 27.96 ug/ml

Instrument :
FID_D
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PB133637BSD

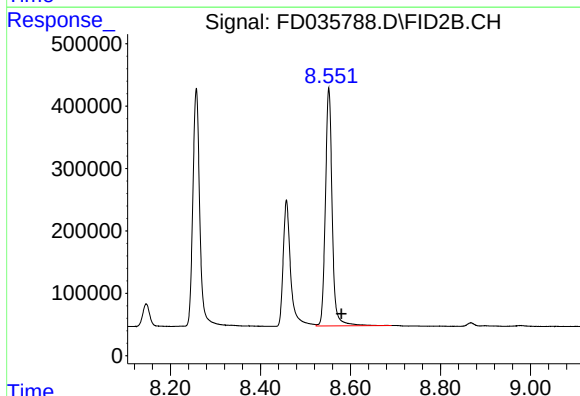
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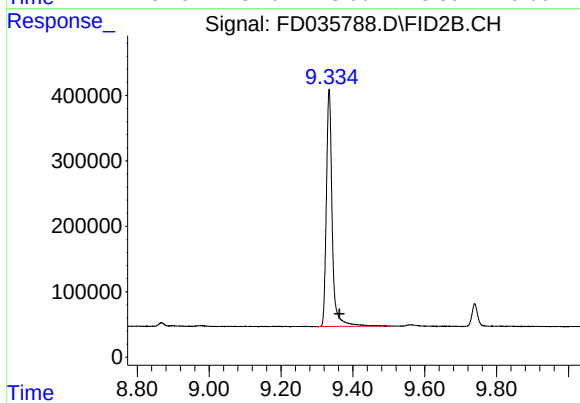
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: -0.027 min
Response: 2311514
Conc: 26.66 ug/ml



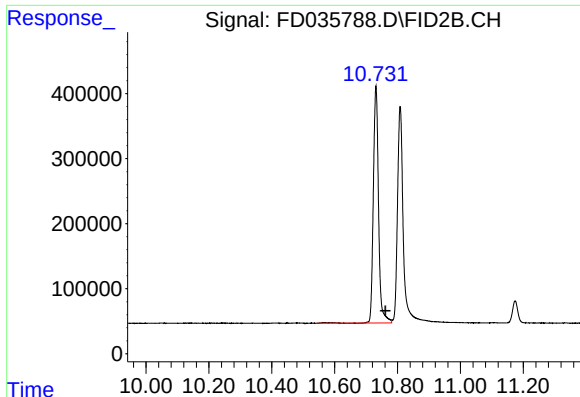
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: -0.028 min
Response: 3992942
Conc: 26.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.028 min
Response: 4082189
Conc: 28.44 ug/ml



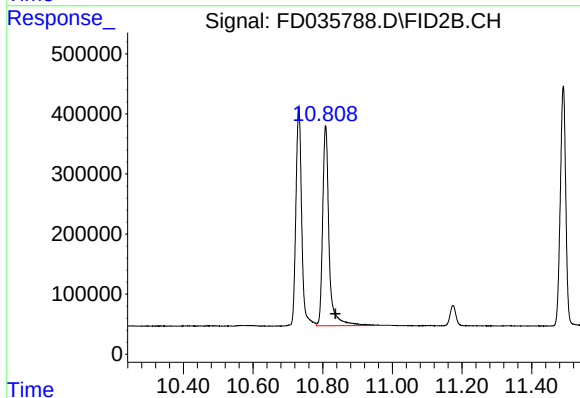
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.030 min
Response: 4189143
Conc: 29.46 ug/ml

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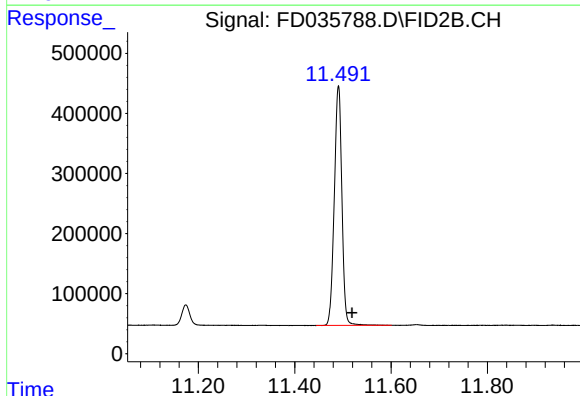
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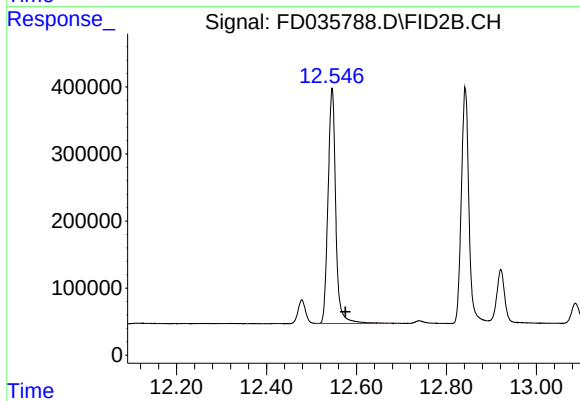
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: -0.028 min
Response: 4271589
Conc: 29.86 ug/ml



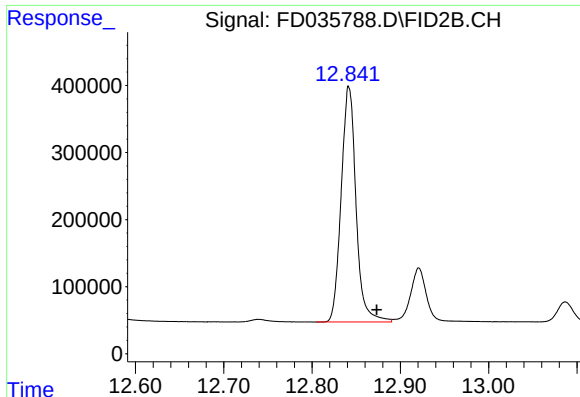
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.029 min
Response: 4378772
Conc: 29.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.545 min
Delta R.T.: -0.030 min
Response: 4185398
Conc: 30.02 ug/ml



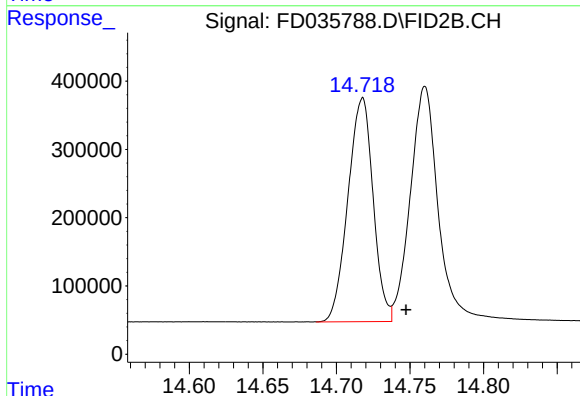
#13 Pyrene (C20.8)

R.T.: 12.842 min
Delta R.T.: -0.032 min
Response: 4105607
Conc: 30.31 ug/ml

Instrument :
FID_D
ClientSampleId :
PB133637BSD

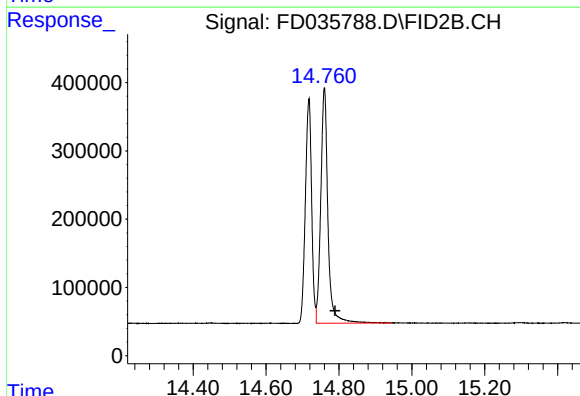
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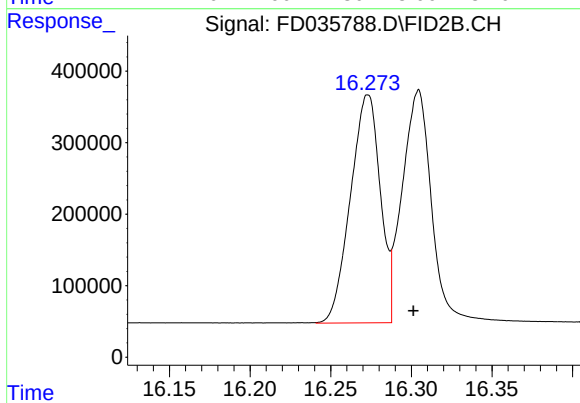
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.718 min
Delta R.T.: -0.030 min
Response: 3905386
Conc: 33.58 ug/ml m



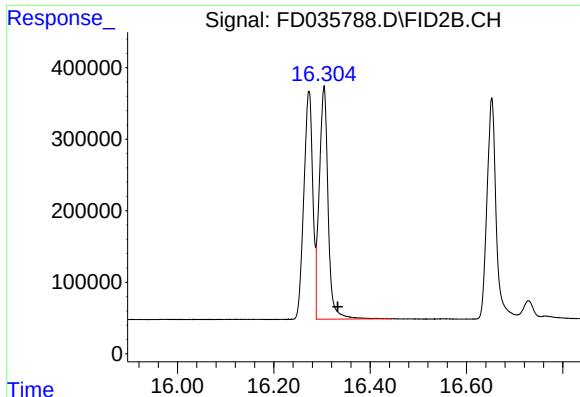
#15 Chrysene (C27.41)

R.T.: 14.760 min
Delta R.T.: -0.029 min
Response: 4679264
Conc: 36.60 ug/ml



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

R.T.: 16.273 min
Delta R.T.: -0.028 min
Response: 4155188
Conc: 38.41 ug/ml m



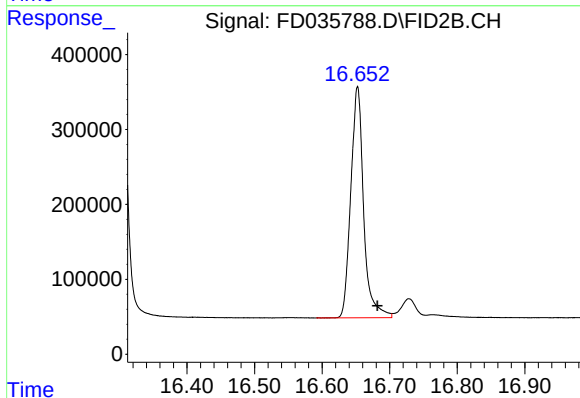
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.029 min
Response: 4149714
Conc: 37.40 ug/ml

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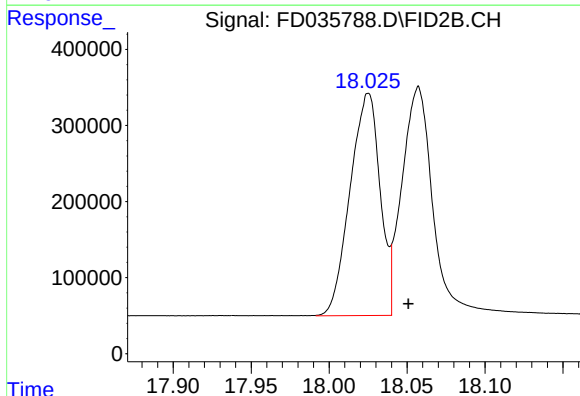
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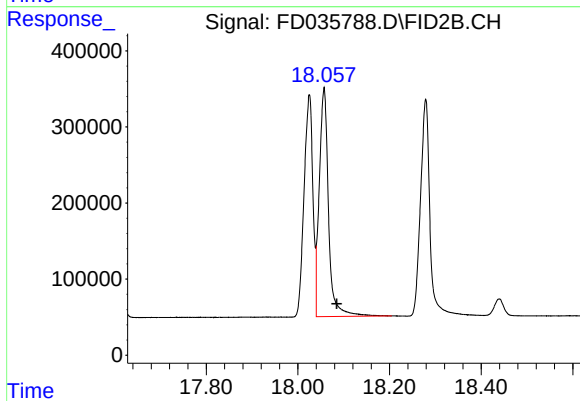
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.030 min
Response: 4073560
Conc: 41.31 ug/ml



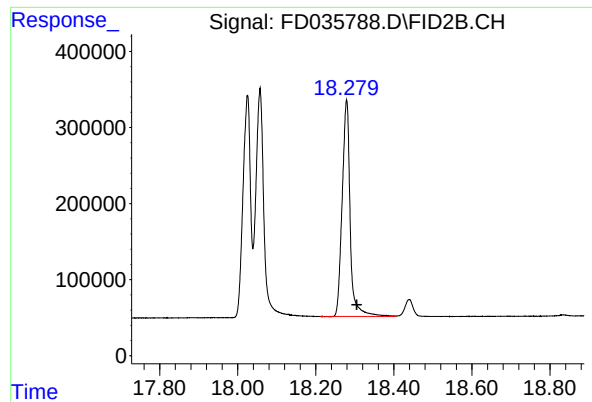
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.025 min
Delta R.T.: -0.026 min
Response: 3921355
Conc: 40.54 ug/ml m



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

R.T.: 18.056 min
Delta R.T.: -0.028 min
Response: 4217930
Conc: 40.89 ug/ml



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

R.T.: 18.278 min
Delta R.T.: -0.027 min
Response: 4049729
Conc: 40.90 ug/ml

Instrument :
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