

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010521AR\
 Data File : FD035898.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2021 19:58
 Operator : DD\AJ
 Sample : M1004-02MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 06 08:24:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.581	6500914	59.571 ug/ml
Spiked Amount 50.000		Recovery =	119.14%
6) S 2-Fluorobiphenyl (SURR)	8.447	4210779	60.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.30%
11) S ortho-Terphenyl (SURR)	11.479	6207253	48.024 ug/ml
Spiked Amount 50.000		Recovery =	96.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	3538718	28.403 ug/ml
2) T Naphthalene (C11.7)	5.919	3993360	31.598 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	4410630	34.870 ug/ml
5) T Acenaphthylene (C15.06)	8.246	4971262	39.297 ug/ml
7) T Acenaphthene (C15.5)	8.541	4849276	35.752 ug/ml
8) T Fluorene (C16.55)	9.323	4984421	40.584 ug/ml
9) T Phenanthrene (C19.36)	10.721	5932771	48.645 ug/ml
10) T Anthracene (C19.43)	10.798	5118364	40.898 ug/ml
12) T Fluoranthene (C21.85)	12.536	6615944	54.288 ug/ml
13) T Pyrene (C20.8)	12.832	6041278	49.377 ug/ml
14) T Benzo[a]anthracene (C...	14.707	4953961	50.385 ug/ml
15) T Chrysene (C27.41)	14.749	6035415	49.255 ug/ml
16) T benzo[b]fluoranthene ...	16.264	5515095	57.911 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.295	4649721	42.216 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.643	4778474	52.487 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	4129020	50.993 ug/mlm
20) T Dibenz[a,h]anthracene...	18.046	4128567	38.638 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	4064978	43.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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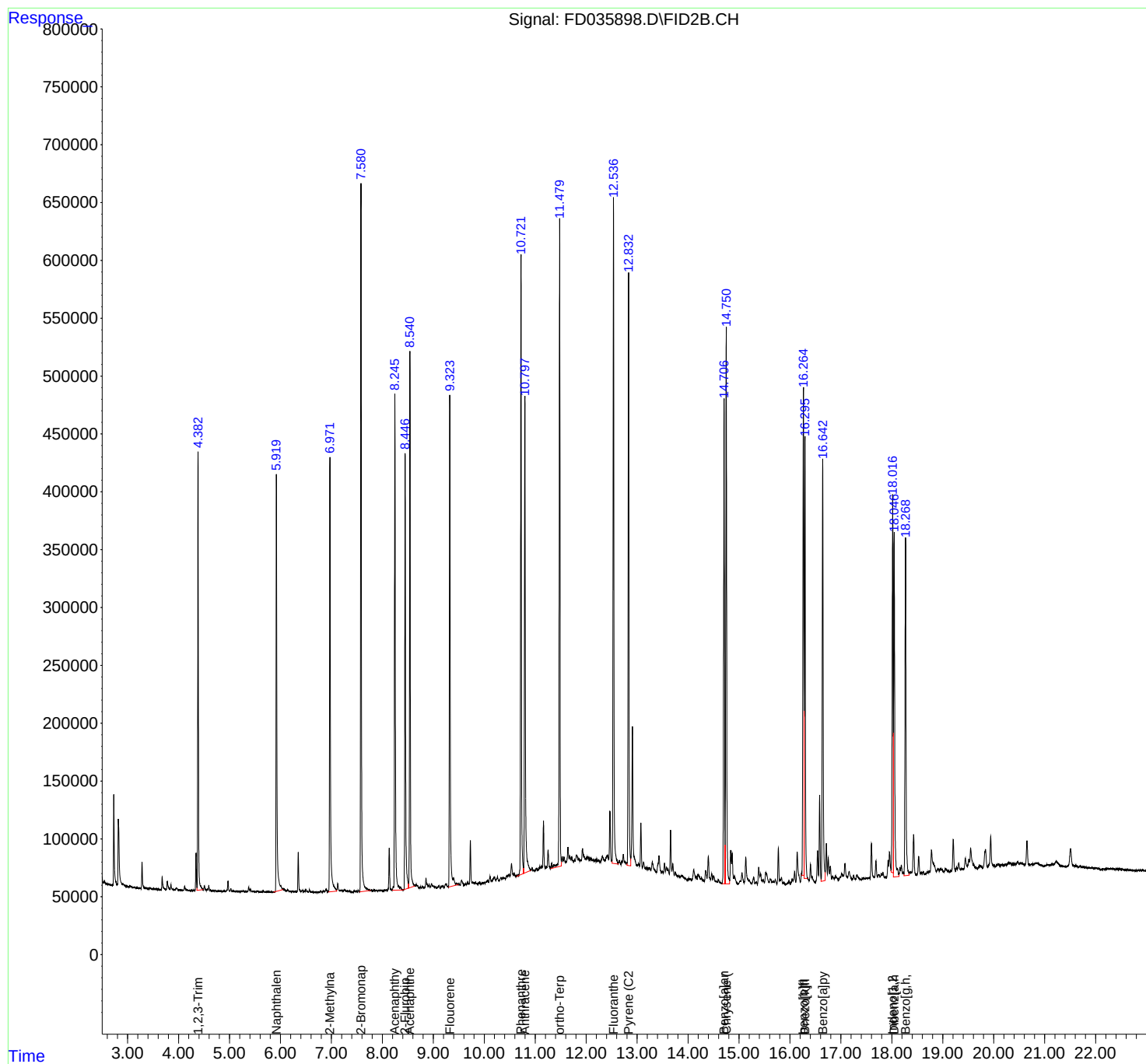
Instrument :
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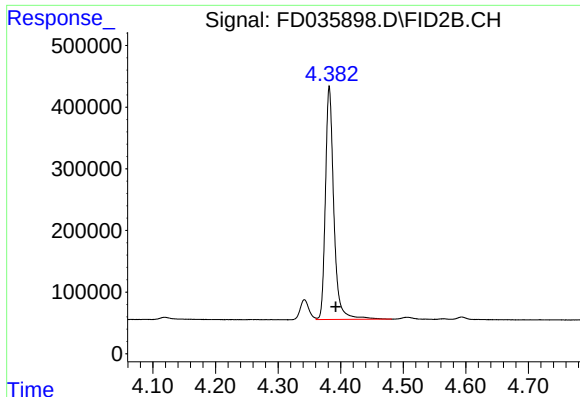
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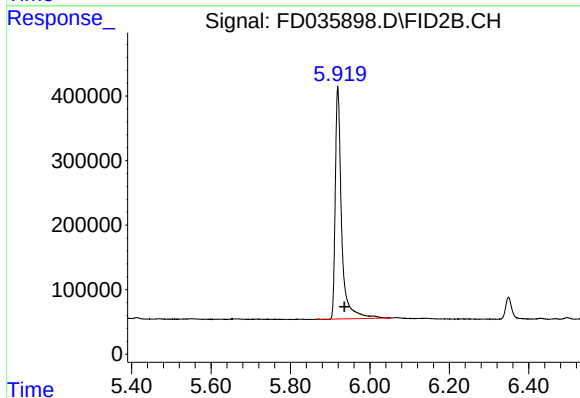
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.382 min
Delta R.T.: -0.010 min
Response: 3538718
Conc: 28.40 ug/ml

Instrument :
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PE-1MS

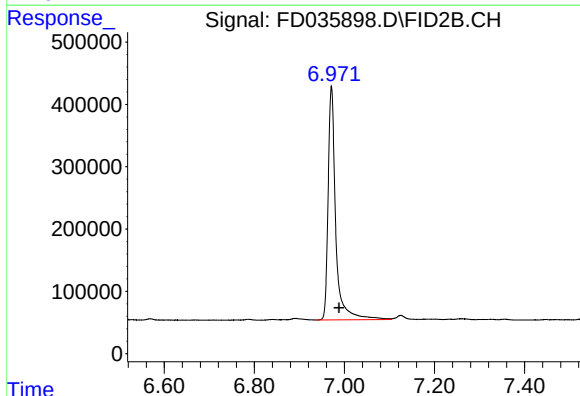
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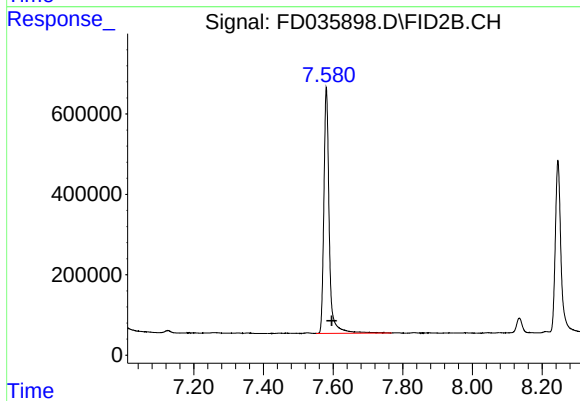
#2 Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.016 min
Response: 3993360
Conc: 31.60 ug/ml



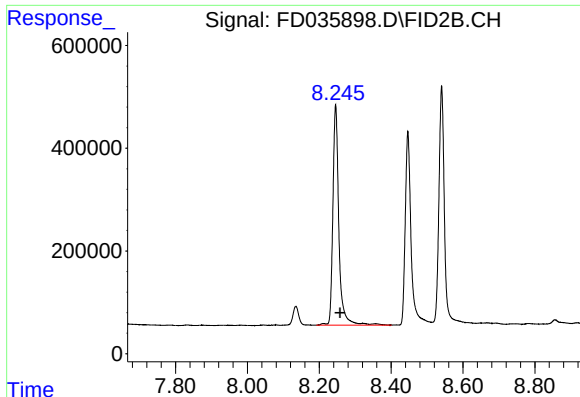
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.017 min
Response: 4410630
Conc: 34.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.581 min
Delta R.T.: -0.015 min
Response: 6500914
Conc: 59.57 ug/ml



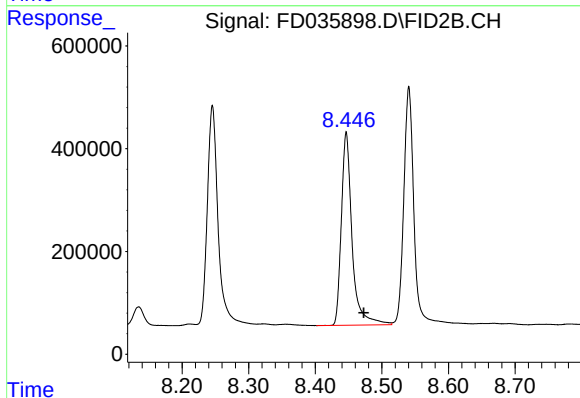
#5 Acenaphthylene (C15.06)

R.T.: 8.246 min
Delta R.T.: -0.012 min
Response: 4971262
Conc: 39.30 ug/ml

Instrument :
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PE-1MS

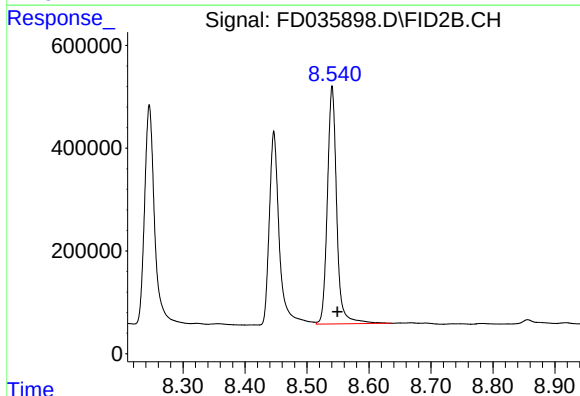
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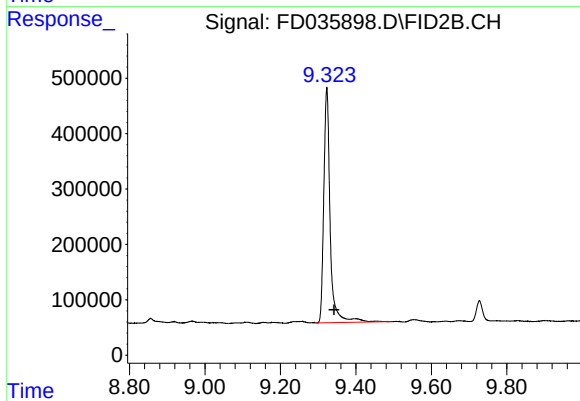
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.026 min
Response: 4210779
Conc: 60.65 ug/ml



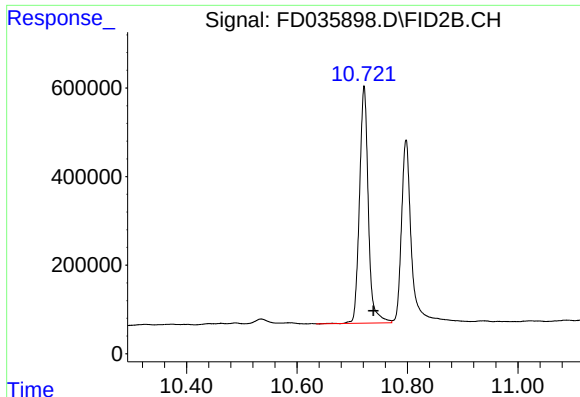
#7 Acenaphthene (C15.5)

R.T.: 8.541 min
Delta R.T.: -0.009 min
Response: 4849276
Conc: 35.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.323 min
Delta R.T.: -0.019 min
Response: 4984421
Conc: 40.58 ug/ml



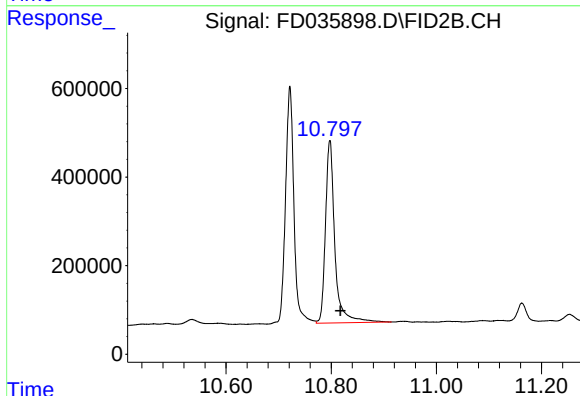
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.017 min
Response: 5932771
Conc: 48.64 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

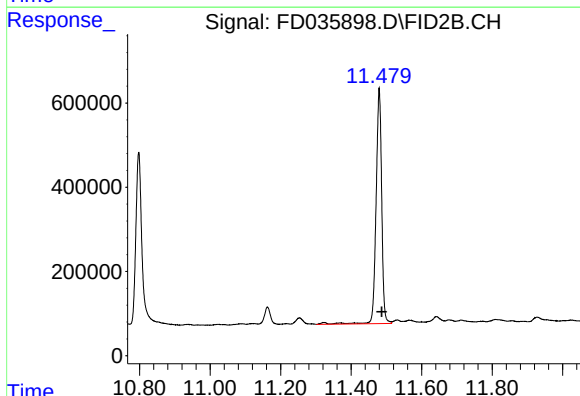
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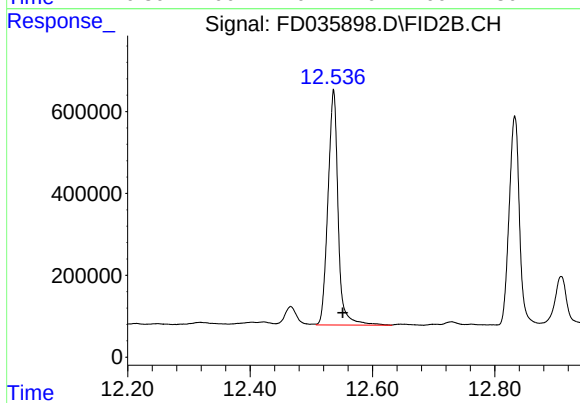
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.020 min
Response: 5118364
Conc: 40.90 ug/ml



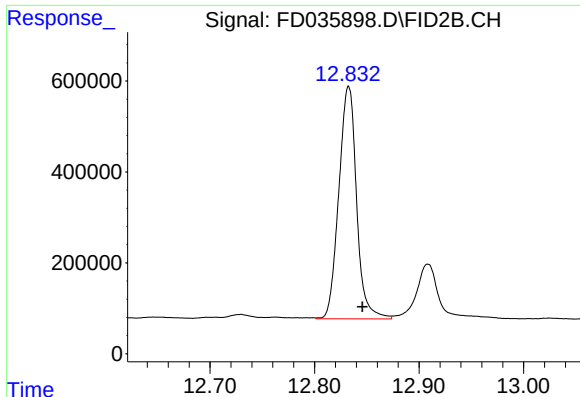
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.007 min
Response: 6207253
Conc: 48.02 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: -0.016 min
Response: 6615944
Conc: 54.29 ug/ml



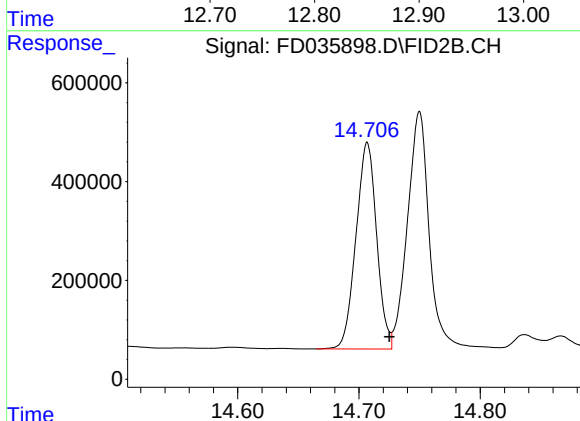
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.014 min
Response: 6041278
Conc: 49.38 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

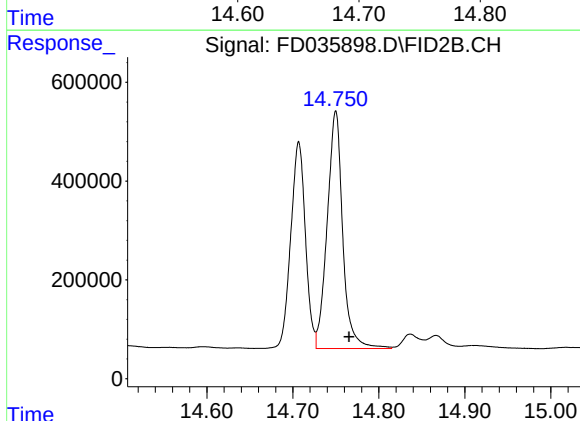
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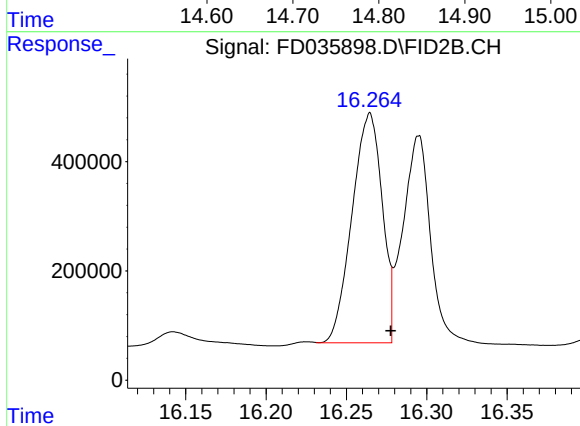
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: -0.019 min
Response: 4953961
Conc: 50.38 ug/ml



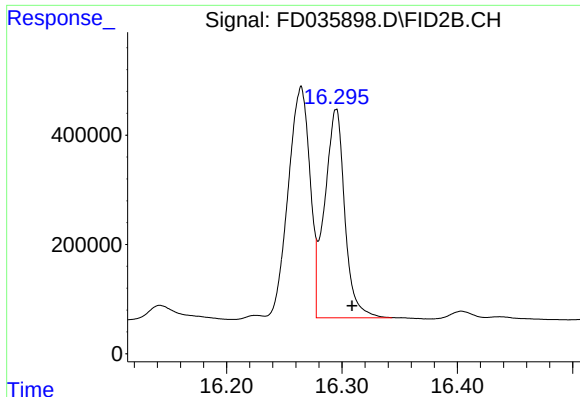
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.016 min
Response: 6035415
Conc: 49.26 ug/ml



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

R.T.: 16.264 min
Delta R.T.: -0.013 min
Response: 5515095
Conc: 57.91 ug/ml m



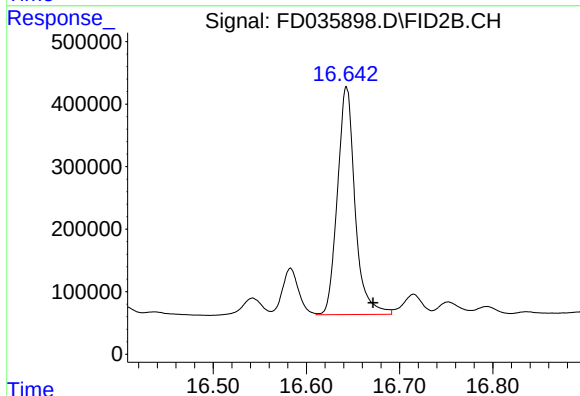
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.295 min
Delta R.T.: -0.013 min
Response: 4649721
Conc: 42.22 ug/ml m

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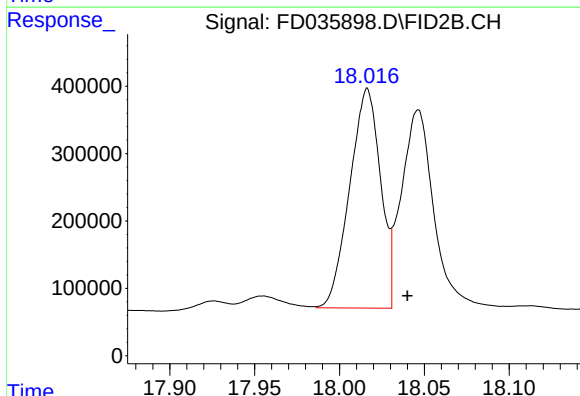
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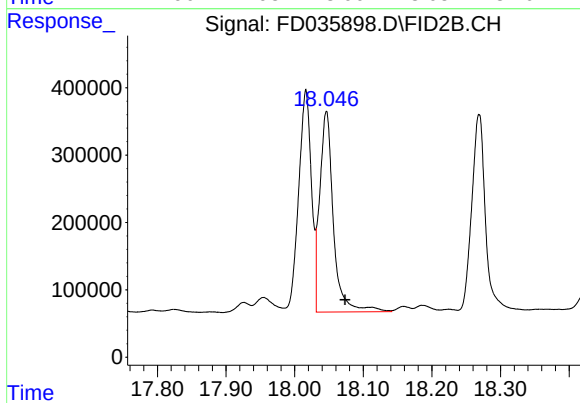
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.029 min
Response: 4778474
Conc: 52.49 ug/ml



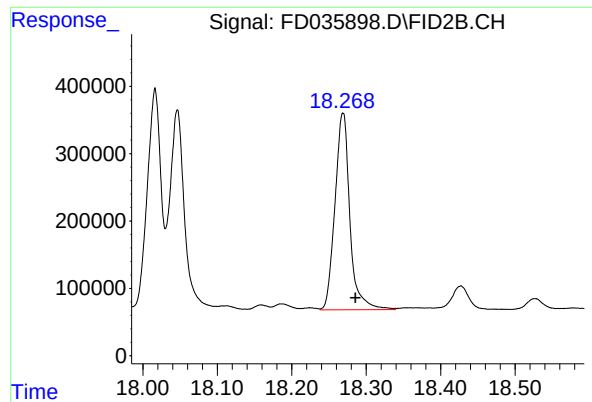
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: -0.024 min
Response: 4129020
Conc: 50.99 ug/ml m



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

R.T.: 18.046 min
Delta R.T.: -0.028 min
Response: 4128567
Conc: 38.64 ug/ml



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

R.T.: 18.268 min
Delta R.T.: -0.017 min
Response: 4064978
Conc: 43.97 ug/ml

Instrument :
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