

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010421AR\
 Data File : FD035877.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2021 17:31
 Operator : DD\AJ
 Sample : L5246-06MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 6MSD

Manual Integrations
 APPROVED

Ankita
 1/5/2021 11:12:29 AM

Integration File: autoint1.e
 Quant Time: Jan 05 02:28:36 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...	7.582	6666940	61.092 ug/ml
Spiked Amount 50.000		Recovery =	122.18%
6) S 2-Fluorobiphenyl (SURR)	8.449	3346150	48.197 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.39%
11) S ortho-Terphenyl (SURR)	11.482	6078848	47.030 ug/mlm
Spiked Amount 50.000		Recovery =	94.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	3636623	29.188 ug/ml
2) T Naphthalene (C11.7)	5.920	4465069	35.330 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	6387887	50.502 ug/ml
5) T Acenaphthylene (C15.06)	8.248	6631876	52.424 ug/ml
7) T Acenaphthene (C15.5)	8.543	5085824	37.496 ug/mlm
8) T Fluorene (C16.55)	9.327	5053891	41.150 ug/mlm
9) T Phenanthrene (C19.36)	10.726	5582970	45.777 ug/mlm
10) T Anthracene (C19.43)	10.802	5216661	41.683 ug/mlm
12) T Fluoranthene (C21.85)	12.539	5685777	46.655 ug/ml
13) T Pyrene (C20.8)	12.835	5174947	42.296 ug/ml
14) T Benzo[a]anthracene (C...	14.706	4293077	43.663 ug/ml
15) T Chrysene (C27.41)	14.749	4903268	40.016 ug/ml
16) T benzo[b]fluoranthene ...	16.262	4291414	45.062 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.292	4351841	39.512 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.642	4145400	45.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	4051269	50.033 ug/mlm
20) T Dibenz[a,h]anthracene...	18.045	4410924	41.280 ug/ml
21) T Benzo[g,h,i]perylene ...	18.265	4250392	45.974 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 64 Sample Multiplier: 1

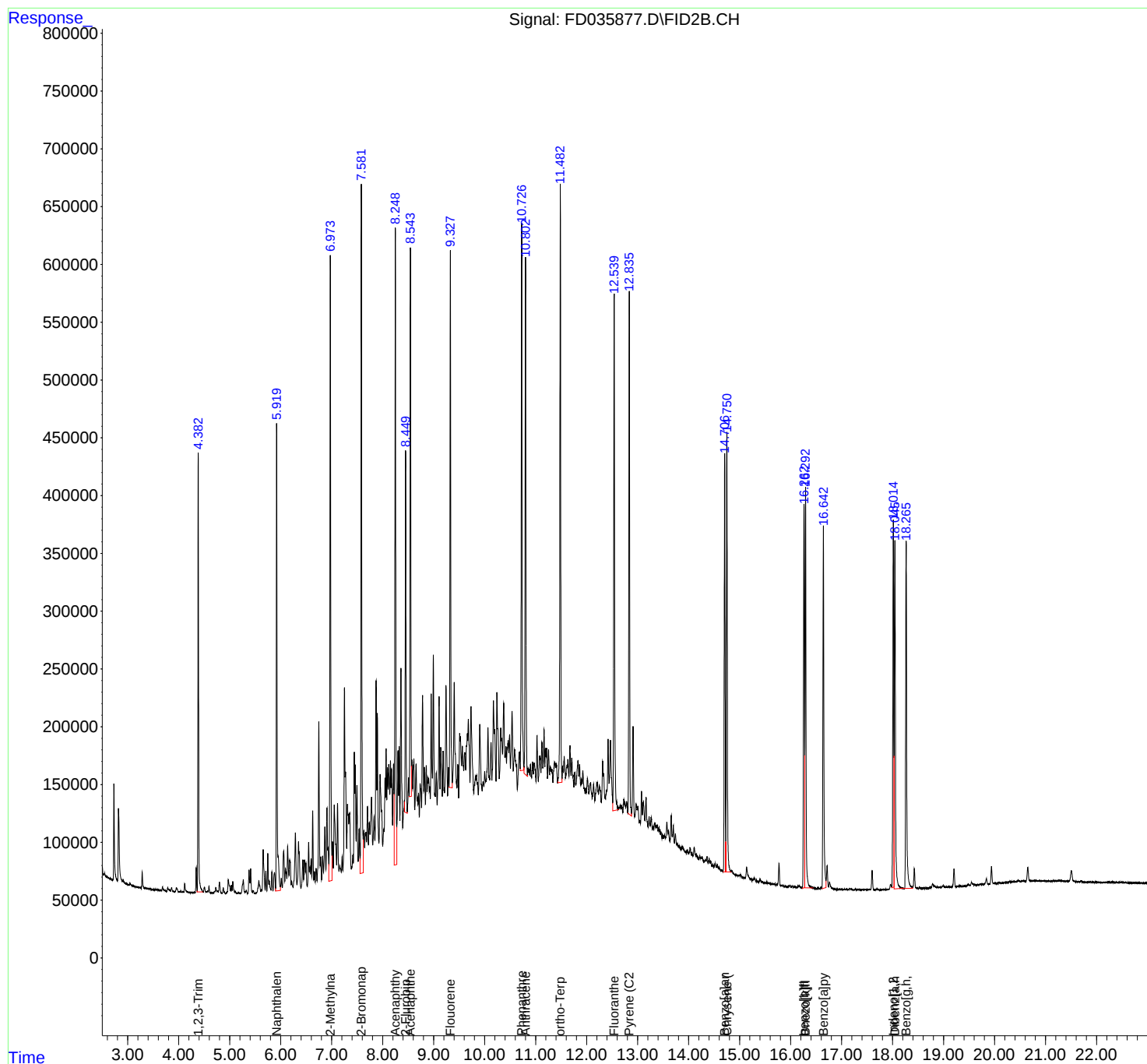
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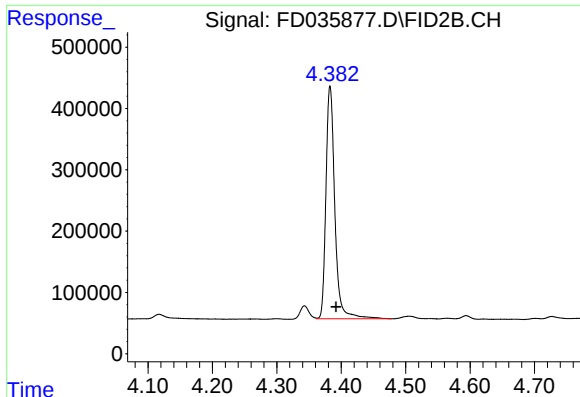
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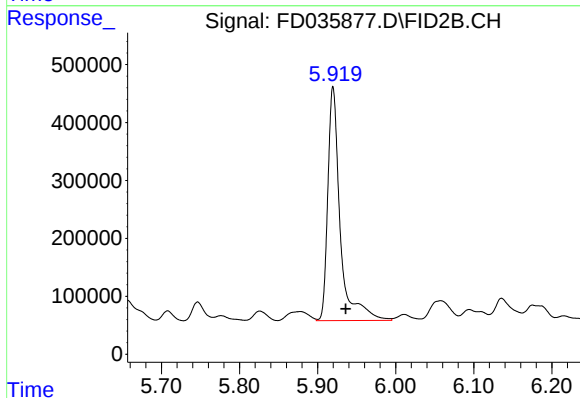
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.383 min
Delta R.T.: -0.009 min
Response: 3636623
Conc: 29.19 ug/ml

Instrument :
FID_D
ClientSampleId :
6MSD

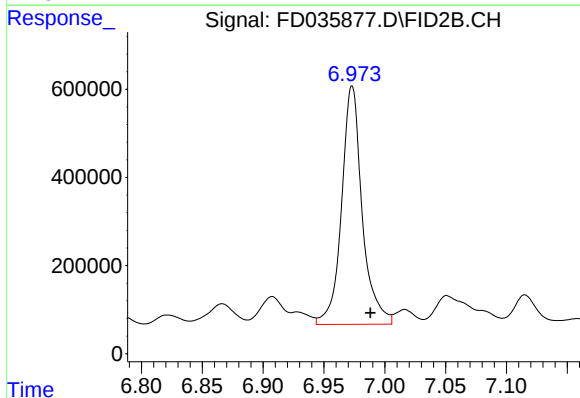
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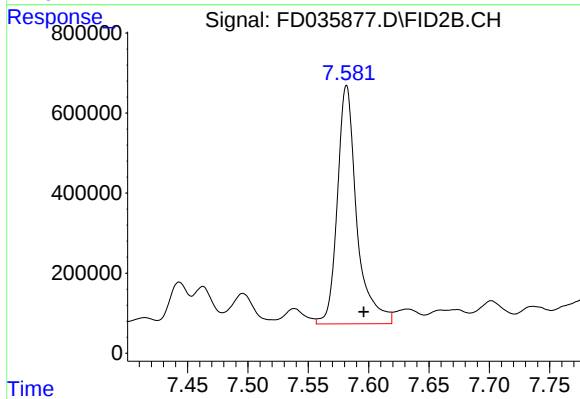
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.016 min
Response: 4465069
Conc: 35.33 ug/ml



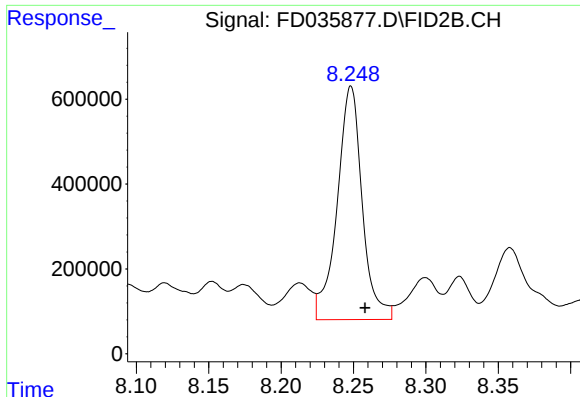
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.015 min
Response: 6387887
Conc: 50.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.014 min
Response: 6666940
Conc: 61.09 ug/ml



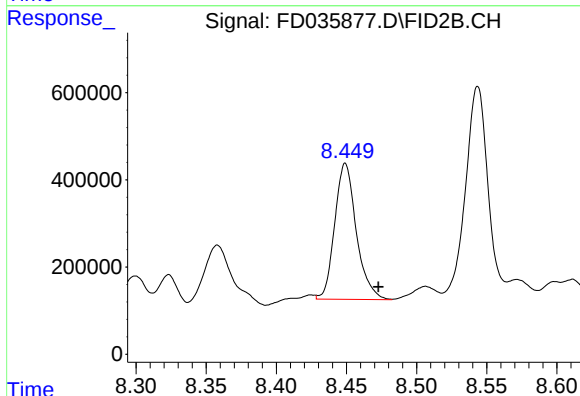
#5 Acenaphthylene (C15.06)

R.T.: 8.248 min
Delta R.T.: -0.010 min
Response: 6631876
Conc: 52.42 ug/ml

Instrument :
FID_D
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6MSD

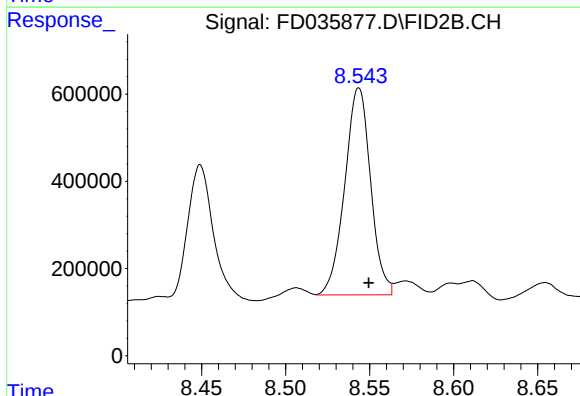
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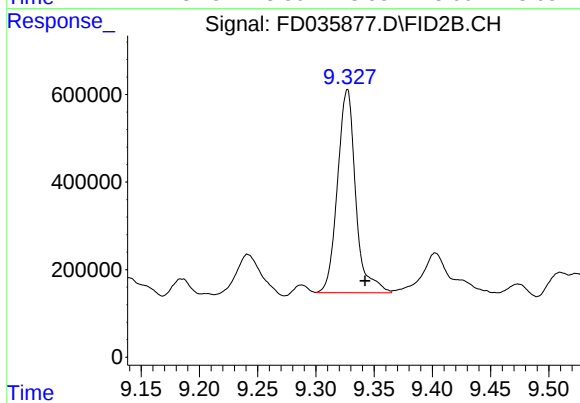
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.024 min
Response: 3346150
Conc: 48.20 ug/ml m



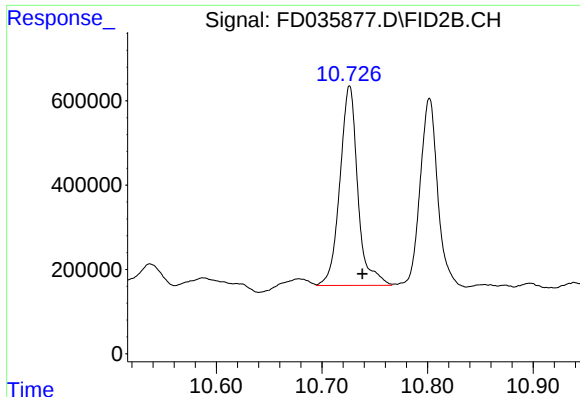
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.006 min
Response: 5085824
Conc: 37.50 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.327 min
Delta R.T.: -0.015 min
Response: 5053891
Conc: 41.15 ug/ml m



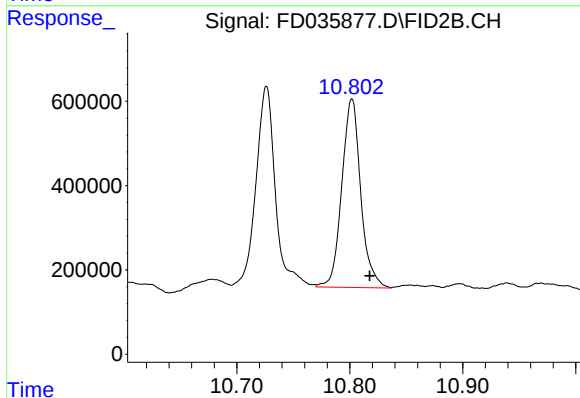
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.013 min
Response: 5582970
Conc: 45.78 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MSD

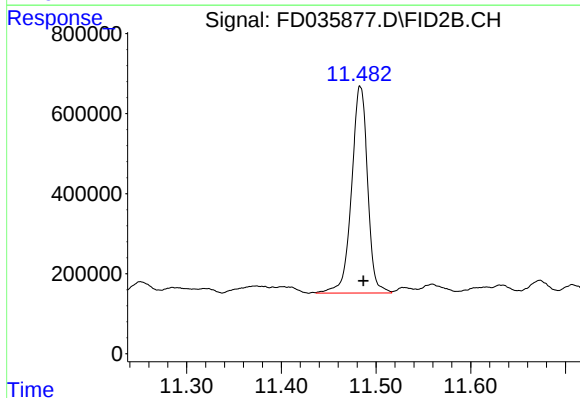
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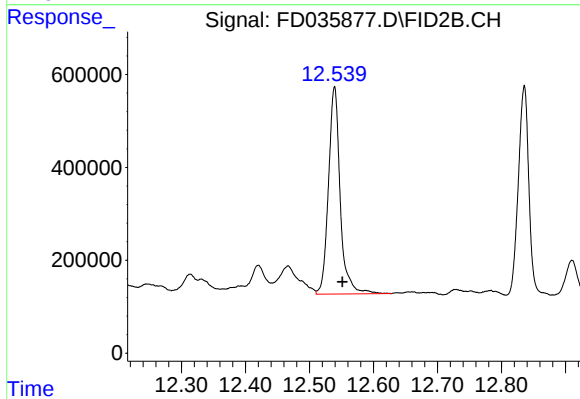
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.016 min
Response: 5216661
Conc: 41.68 ug/ml m



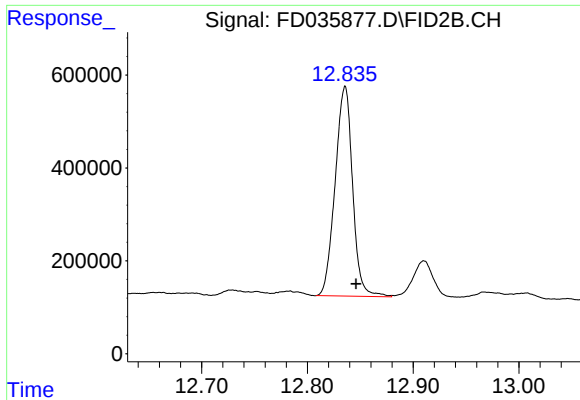
#11 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: -0.004 min
Response: 6078848
Conc: 47.03 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: -0.013 min
Response: 5685777
Conc: 46.66 ug/ml



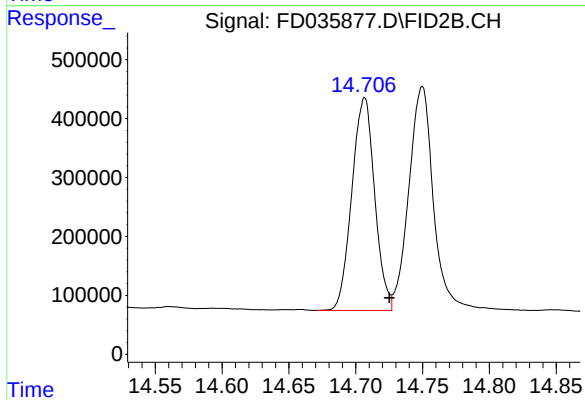
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: -0.011 min
Response: 5174947
Conc: 42.30 ug/ml

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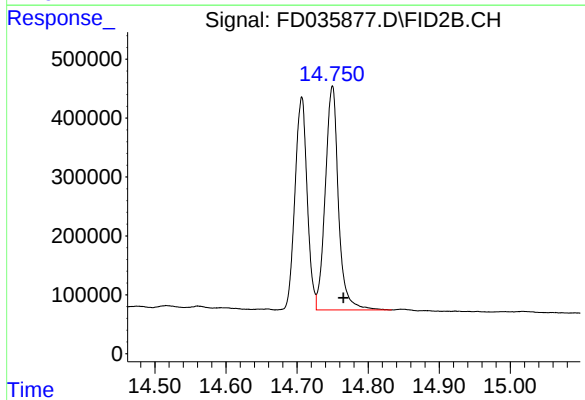
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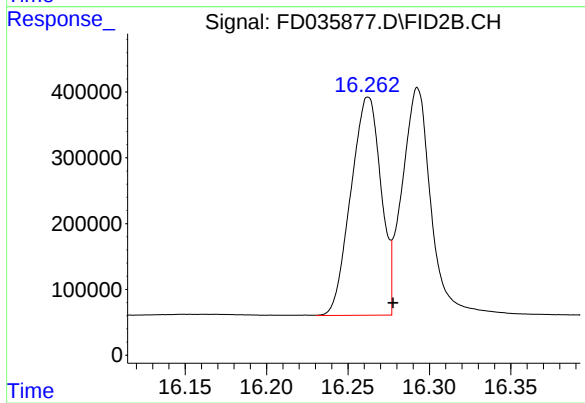
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.019 min
Response: 4293077
Conc: 43.66 ug/ml



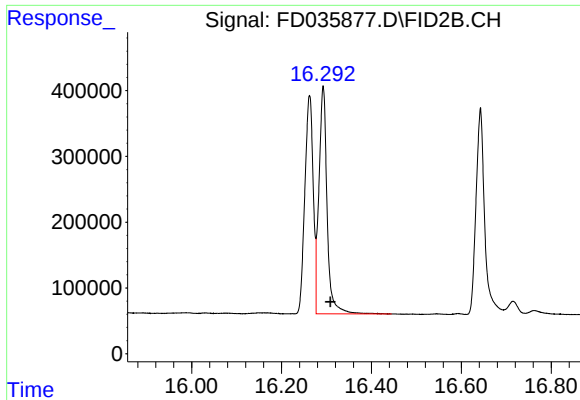
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.016 min
Response: 4903268
Conc: 40.02 ug/ml



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

R.T.: 16.262 min
Delta R.T.: -0.016 min
Response: 4291414
Conc: 45.06 ug/ml m



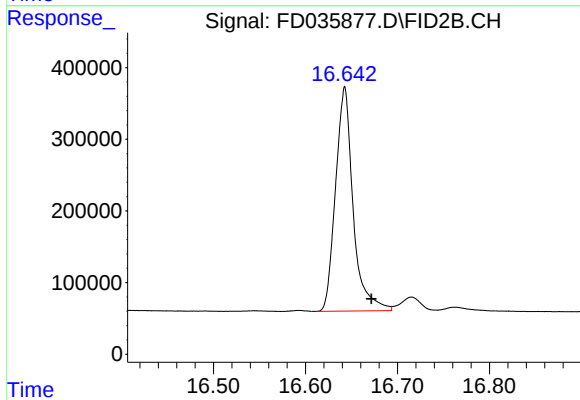
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.292 min
Delta R.T.: -0.016 min
Response: 4351841
Conc: 39.51 ug/ml

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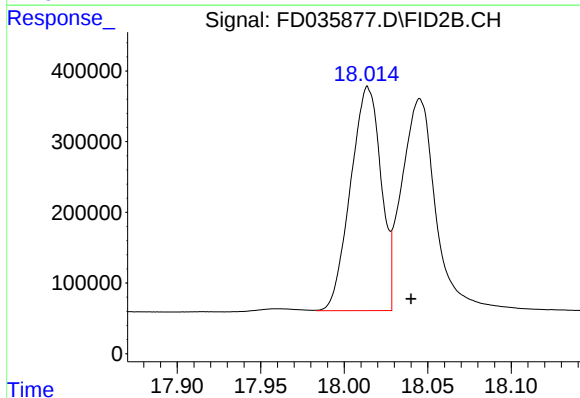
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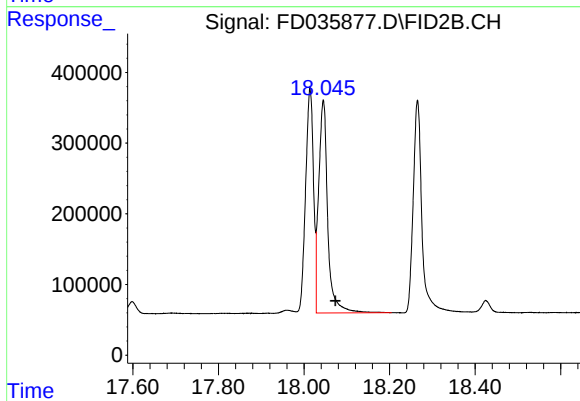
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: -0.029 min
Response: 4145400
Conc: 45.53 ug/ml



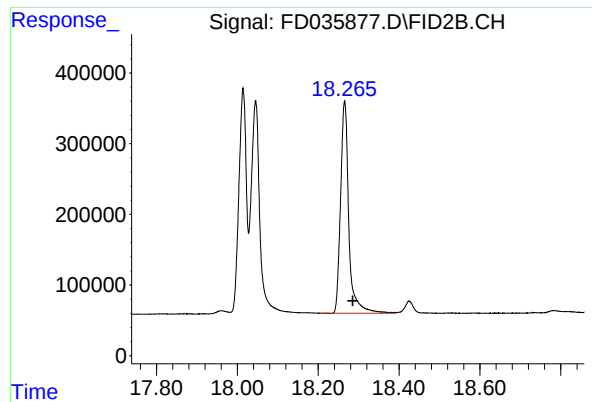
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: -0.027 min
Response: 4051269
Conc: 50.03 ug/ml m



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

R.T.: 18.045 min
Delta R.T.: -0.028 min
Response: 4410924
Conc: 41.28 ug/ml



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

R.T.: 18.265 min
Delta R.T.: -0.020 min
Response: 4250392
Conc: 45.97 ug/ml

Instrument :
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