

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122719AR\
 Data File : FD031911.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2019 11:30
 Operator : DD\AJ
 Sample : PB125728BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB125728BS

Manual Integrations
 APPROVED

mohammad
 12/30/2019 1:57:37 PM

Integration File: autoint1.e
 Quant Time: Dec 28 00:21:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.640	6103742	49.346 ug/ml
Spiked Amount 50.000		Recovery =	98.69%
6) S 2-Fluorobiphenyl (SURR)	8.502	4090204	47.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.91%
11) S ortho-Terphenyl (SURR)	11.539	5635249	42.593 ug/ml
Spiked Amount 50.000		Recovery =	85.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	4597735	36.382 ug/ml
2) T Naphthalene (C11.7)	5.980	5261588	39.019 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	5319861	39.530 ug/ml
5) T Acenaphthylene (C15.06)	8.306	5245748	40.244 ug/ml
7) T Acenaphthene (C15.5)	8.602	5592875	41.386 ug/ml
8) T Fluorene (C16.55)	9.381	5719420	42.521 ug/ml
9) T Phenanthrene (C19.36)	10.775	5960976	44.195 ug/ml
10) T Anthracene (C19.43)	10.851	6093025	45.678 ug/ml
12) T Fluoranthene (C21.85)	12.585	6256019	46.238 ug/ml
13) T Pyrene (C20.8)	12.882	6103337	45.536 ug/ml
14) T Benzo[a]anthracene (C...	14.750	5676173	44.555 ug/ml
15) T Chrysene (C27.41)	14.795	6447269	50.533 ug/ml
16) T benzo[b]fluoranthene ...	16.297	5639843	45.781 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.333	5563004	45.759 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	5239579	43.715 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	5435604	47.281 ug/mlm
20) T Dibenz[a,h]anthracene...	18.080	5328454	47.205 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	5325601	46.998 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 54 Sample Multiplier: 1

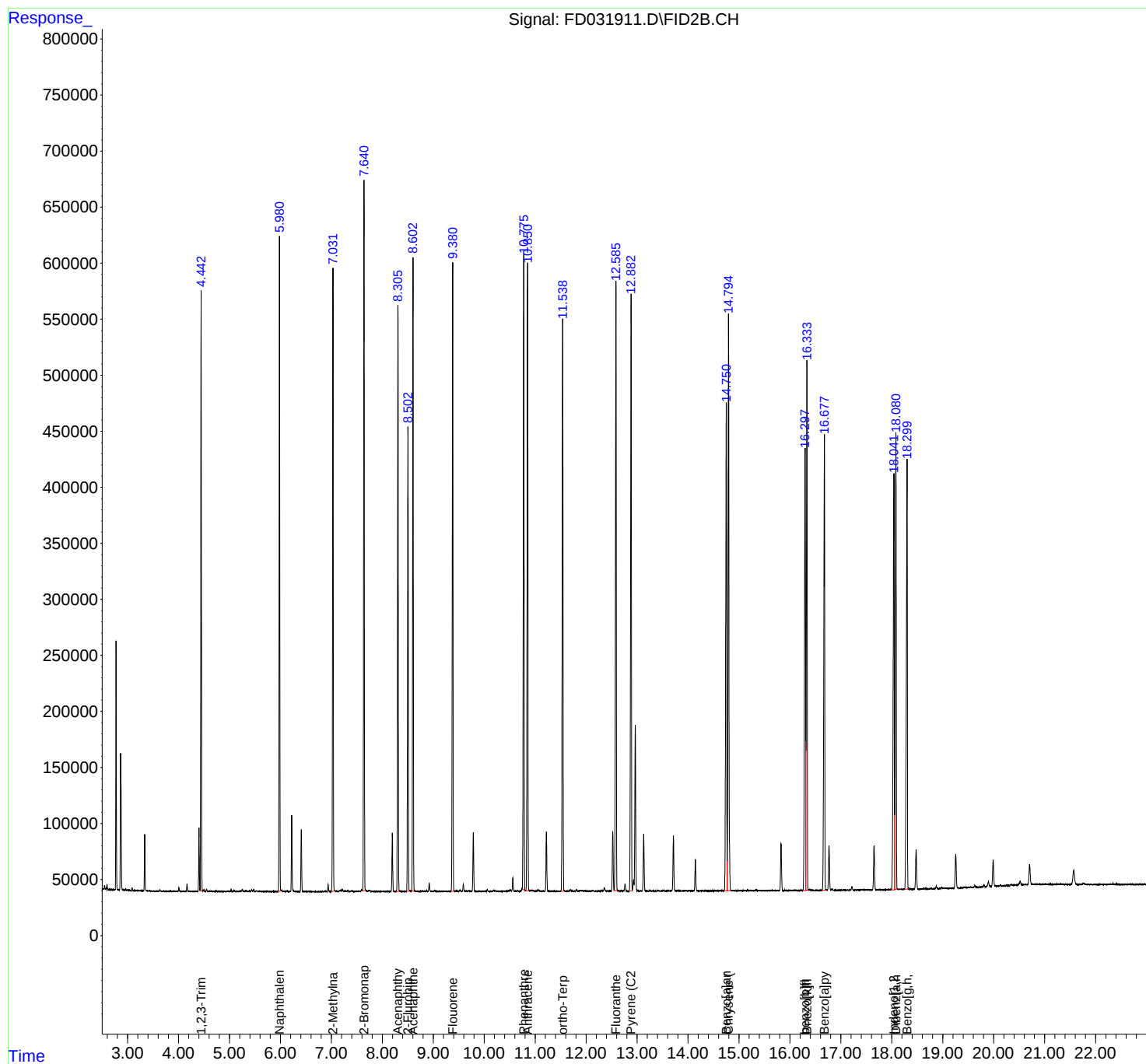
Instrument :
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PB125728BS

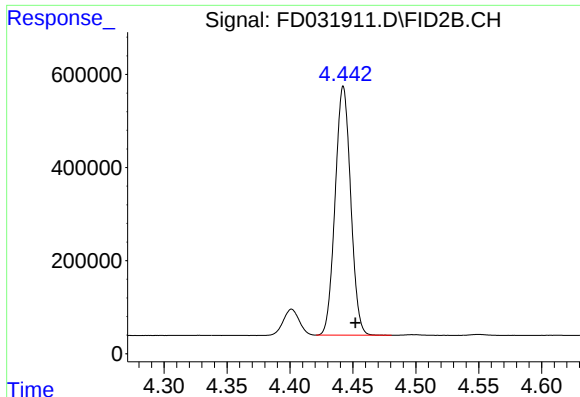
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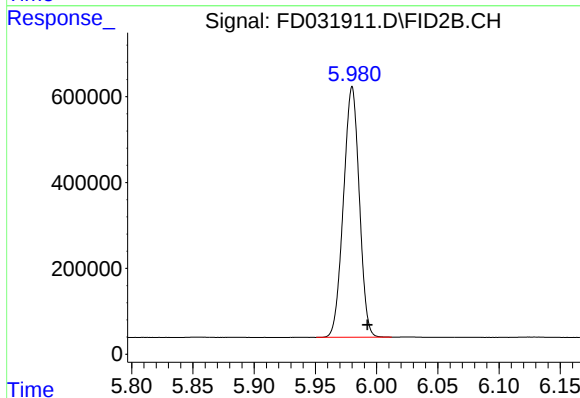
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 4597735
Conc: 36.38 ug/ml

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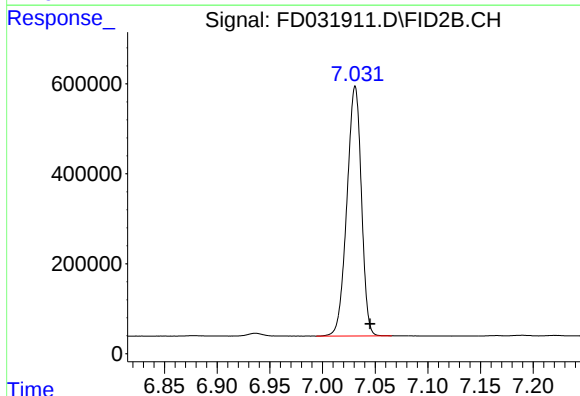
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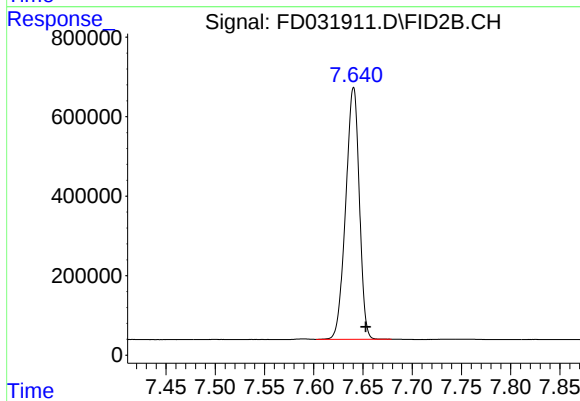
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.013 min
Response: 5261588
Conc: 39.02 ug/ml



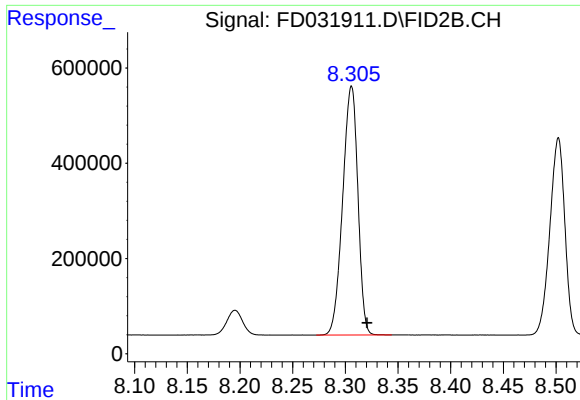
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.014 min
Response: 5319861
Conc: 39.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min
Delta R.T.: -0.012 min
Response: 6103742
Conc: 49.35 ug/ml



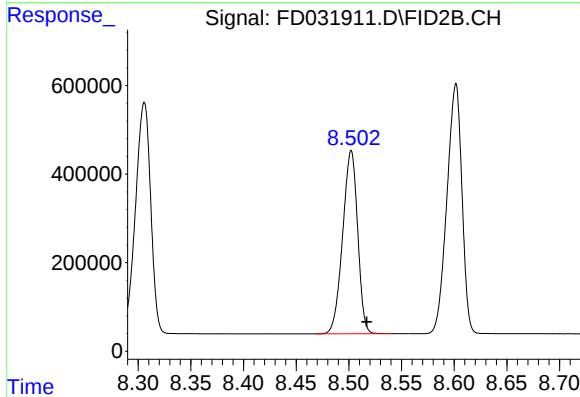
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min
Delta R.T.: -0.015 min
Response: 5245748
Conc: 40.24 ug/ml

Instrument :
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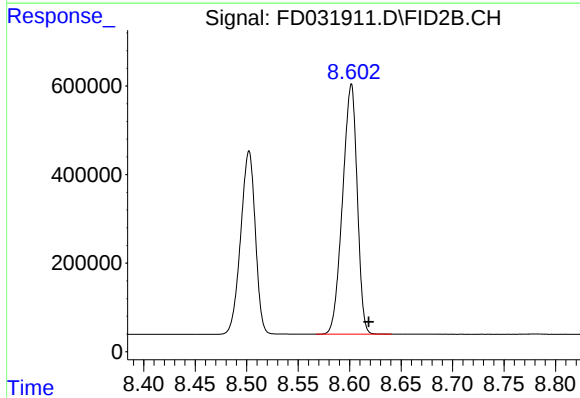
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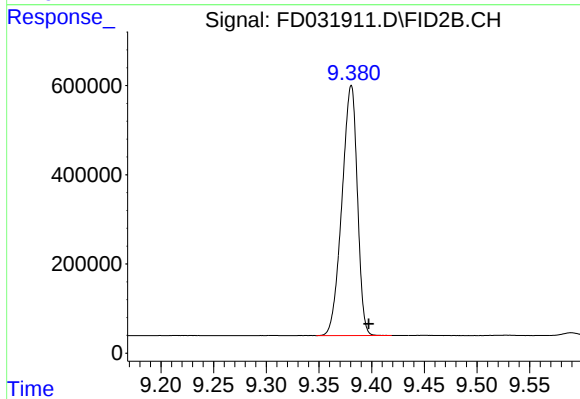
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.015 min
Response: 4090204
Conc: 47.95 ug/ml



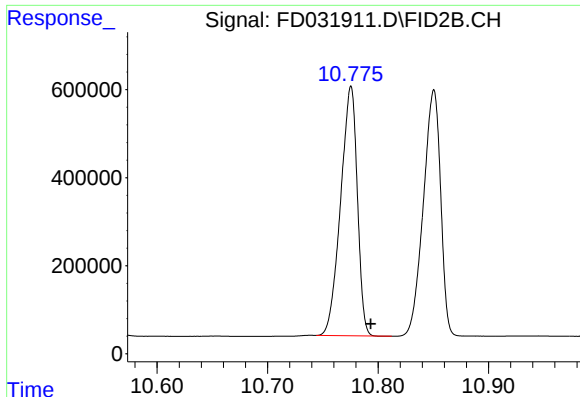
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: -0.017 min
Response: 5592875
Conc: 41.39 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.381 min
Delta R.T.: -0.017 min
Response: 5719420
Conc: 42.52 ug/ml



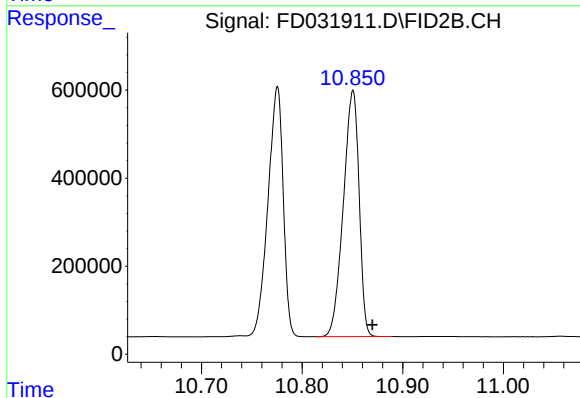
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.018 min
Response: 5960976
Conc: 44.20 ug/ml

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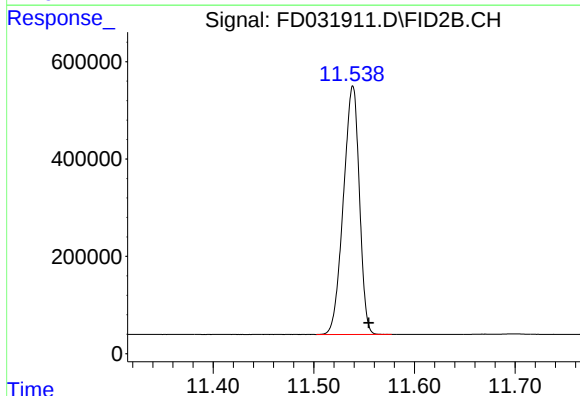
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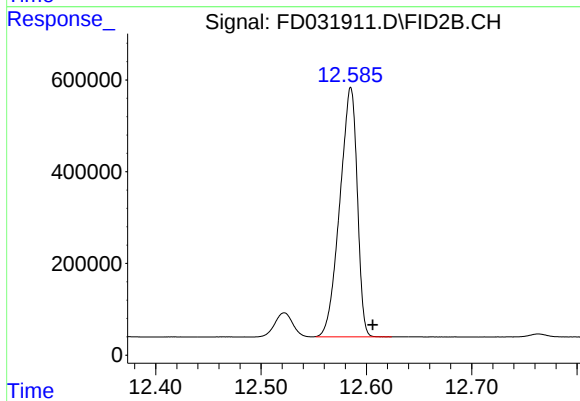
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.019 min
Response: 6093025
Conc: 45.68 ug/ml



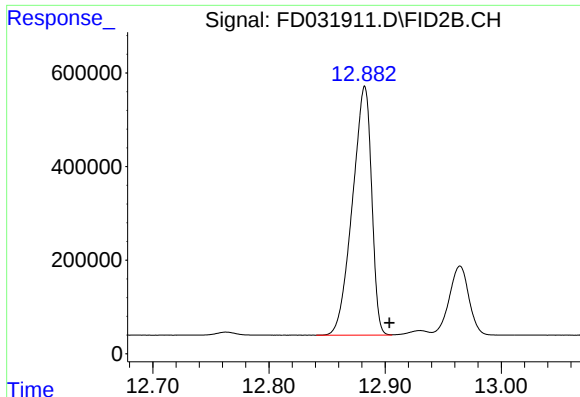
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.016 min
Response: 5635249
Conc: 42.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.021 min
Response: 6256019
Conc: 46.24 ug/ml



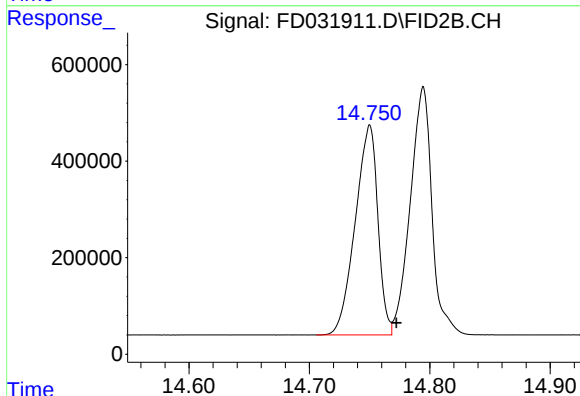
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.021 min
Response: 6103337
Conc: 45.54 ug/ml

Instrument :
FID_D
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PB125728BS

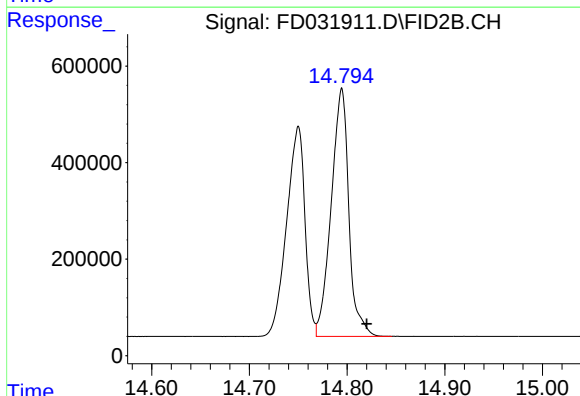
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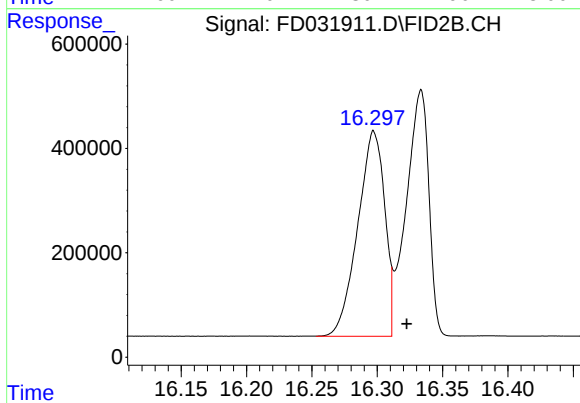
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: -0.022 min
Response: 5676173
Conc: 44.56 ug/ml



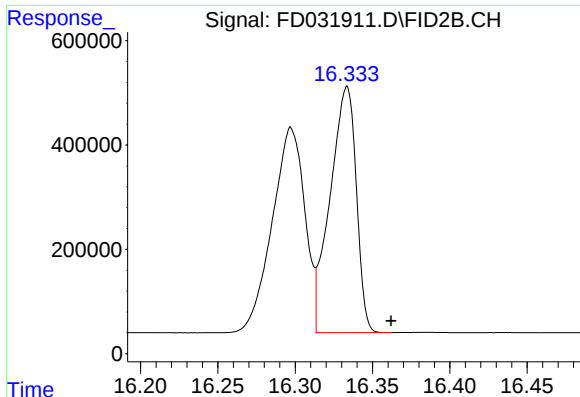
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.026 min
Response: 6447269
Conc: 50.53 ug/ml



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

R.T.: 16.297 min
Delta R.T.: -0.026 min
Response: 5639843
Conc: 45.78 ug/ml m



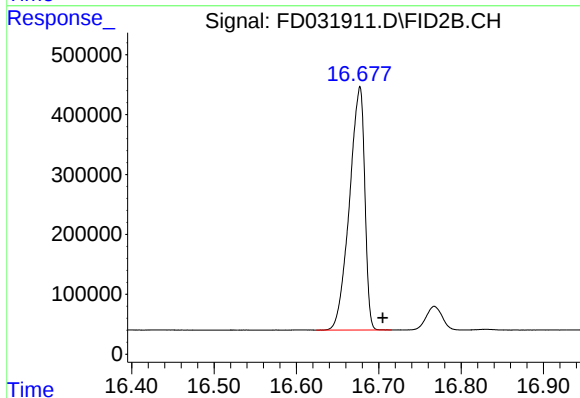
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.333 min
Delta R.T.: -0.029 min
Response: 5563004
Conc: 45.76 ug/ml

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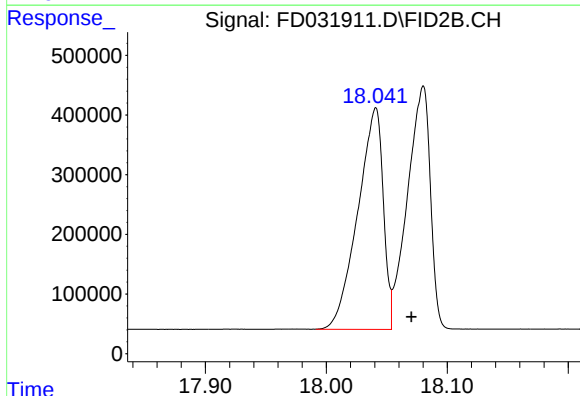
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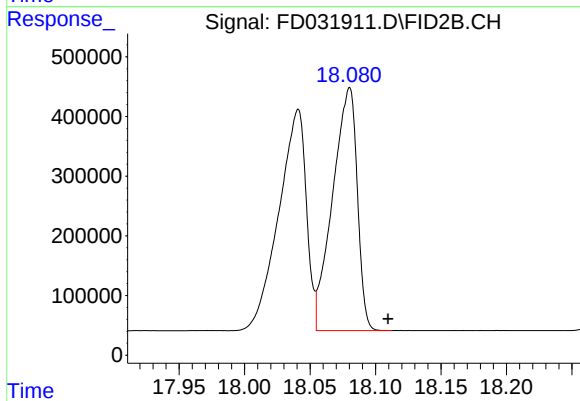
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.028 min
Response: 5239579
Conc: 43.71 ug/ml



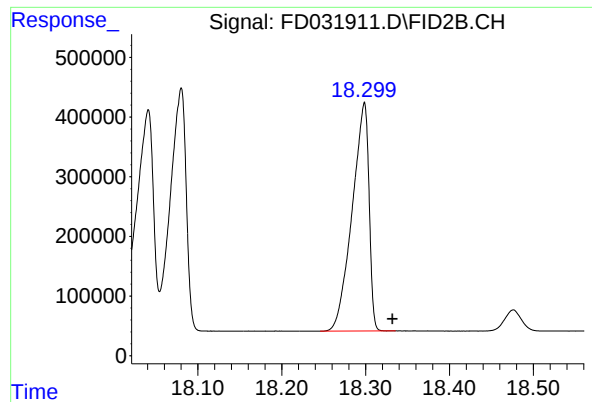
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: -0.030 min
Response: 5435604
Conc: 47.28 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: -0.029 min
Response: 5328454
Conc: 47.20 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.033 min
Response: 5325601
Conc: 47.00 ug/ml

Instrument :
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