

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030821AR\
 Data File : FD036331.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2021 13:04
 Operator : DD\AJ
 Sample : M1503-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SEDGWICK-AVEMS

Integration File: autoint1.e
 Quant Time: Mar 09 02:25:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.604	7238211	61.408 ug/ml
Spiked Amount 50.000		Recovery =	122.82%
6) S 2-Fluorobiphenyl (SURR)	8.465	4536346	54.509 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.02%
11) S ortho-Terphenyl (SURR)	11.509	8684599	61.643 ug/ml
Spiked Amount 50.000		Recovery =	123.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	4210321	33.581 ug/ml
2) T Naphthalene (C11.7)	5.941	6466732	47.721 ug/ml
3) T 2-Methylnaphthalene (...)	6.994	8192997	59.999 ug/ml
5) T Acenaphthylene (C15.06)	8.269	7342922	54.578 ug/ml
7) T Acenaphthene (C15.5)	8.567	8053086	58.181 ug/ml
8) T Fluorene (C16.55)	9.347	8446332	61.892 ug/ml
9) T Phenanthrene (C19.36)	10.744	9707556	70.459 ug/ml
10) T Anthracene (C19.43)	10.819	8520971	63.468 ug/ml
12) T Fluoranthene (C21.85)	12.557	9780559	70.427 ug/ml
13) T Pyrene (C20.8)	12.854	9598782	70.014 ug/ml
14) T Benzo[a]anthracene (C...	14.721	8330251	65.860 ug/ml
15) T Chrysene (C27.41)	14.768	8620425	66.567 ug/ml
16) T benzo[b]fluoranthene ...	16.272	8152354	66.985 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	7263280	61.681 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	7555914	68.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	6923724	62.578 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	6629314	59.906 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	6796324	61.465 ug/ml

(f)=RT Delta > 1/2 Window

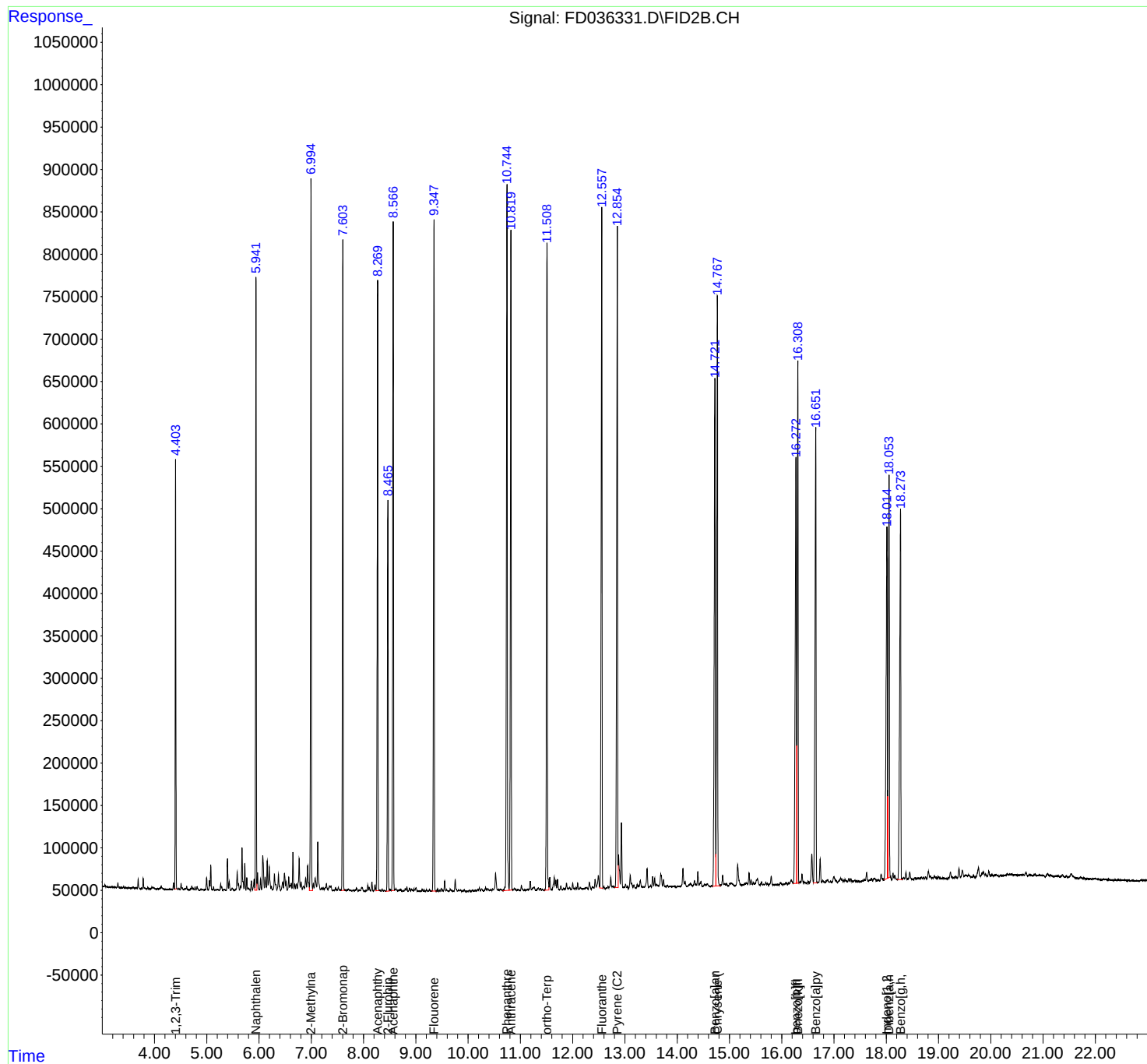
(m)=manual int.

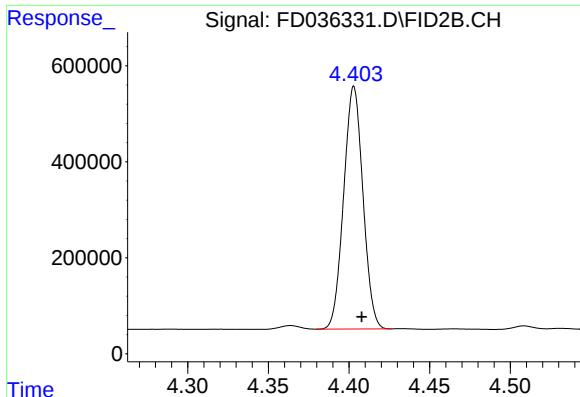
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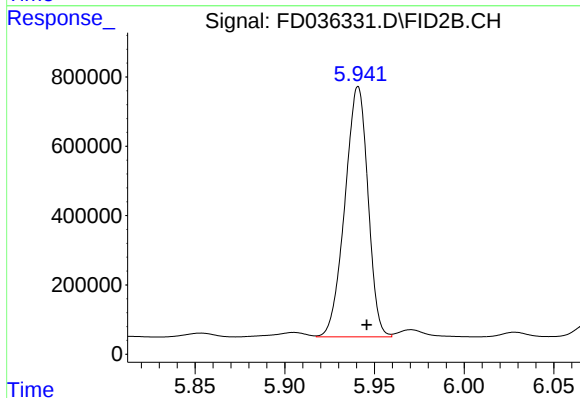




#1 1,2,3-Trimethylbenzene (C10.1)

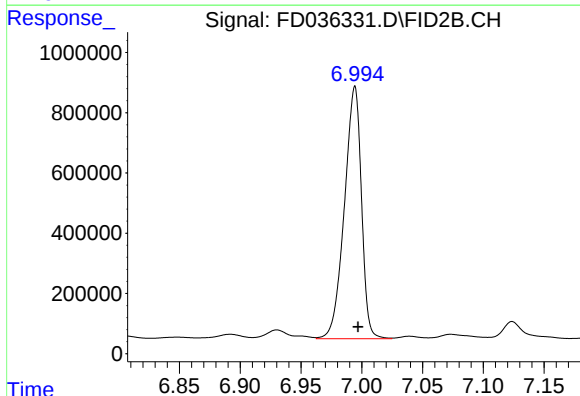
R.T.: 4.403 min
Delta R.T.: -0.005 min
Response: 4210321
Conc: 33.58 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



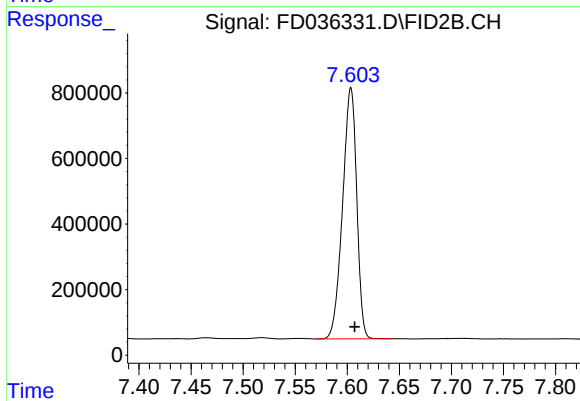
#2 Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 6466732
Conc: 47.72 ug/ml



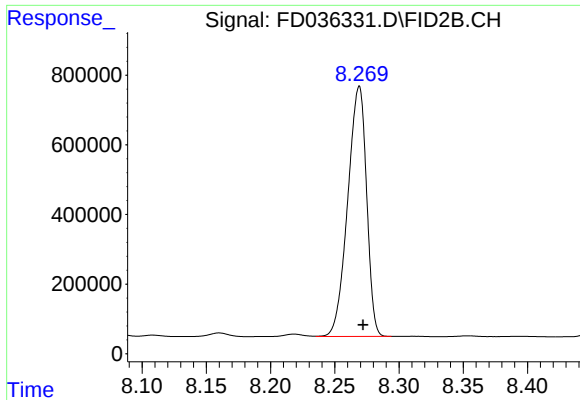
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.003 min
Response: 8192997
Conc: 60.00 ug/ml



#4 2-Bromonaphthalene (SURR)

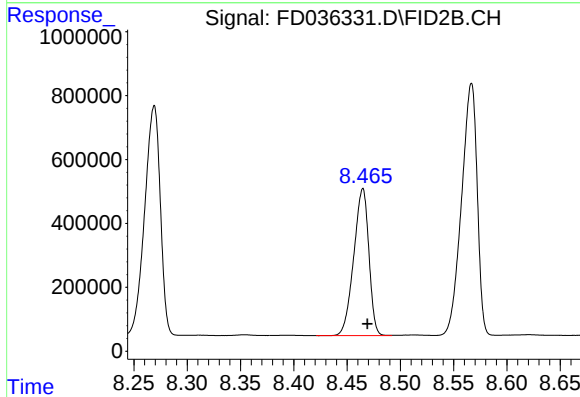
R.T.: 7.604 min
Delta R.T.: -0.004 min
Response: 7238211
Conc: 61.41 ug/ml



#5 Acenaphthylene (C15.06)

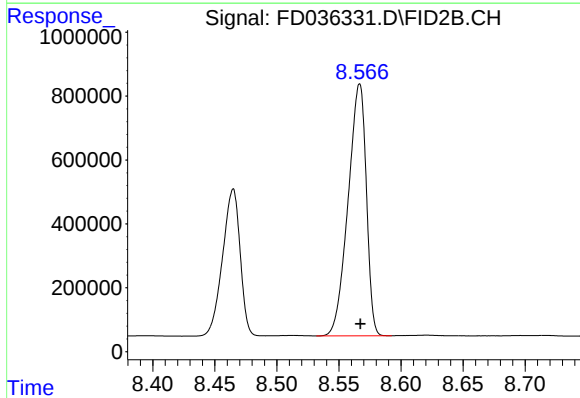
R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 7342922
Conc: 54.58 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



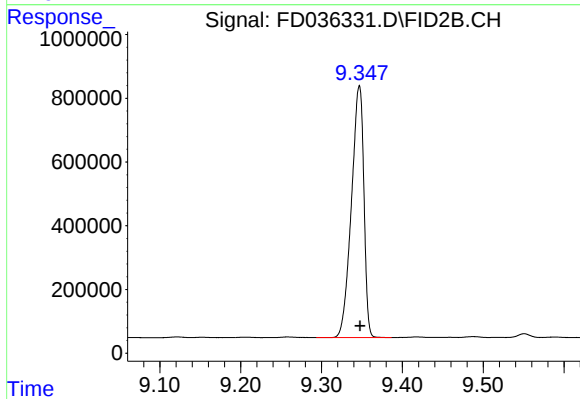
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.465 min
Delta R.T.: -0.004 min
Response: 4536346
Conc: 54.51 ug/ml



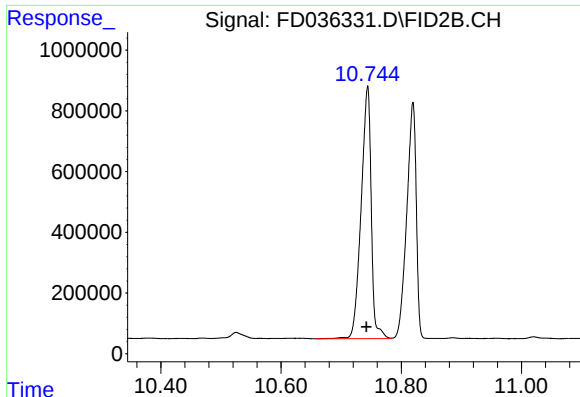
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 8053086
Conc: 58.18 ug/ml



#8 Fluorene (C16.55)

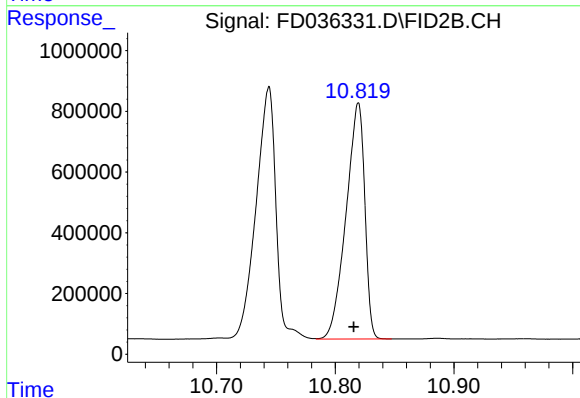
R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 8446332
Conc: 61.89 ug/ml



#9 Phenanthrene (C19.36)

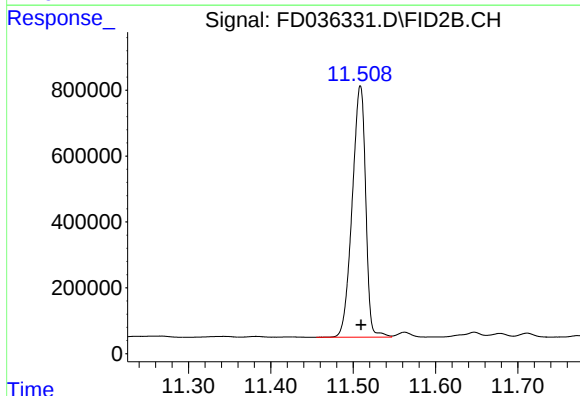
R.T.: 10.744 min
Delta R.T.: 0.002 min
Response: 9707556
Conc: 70.46 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



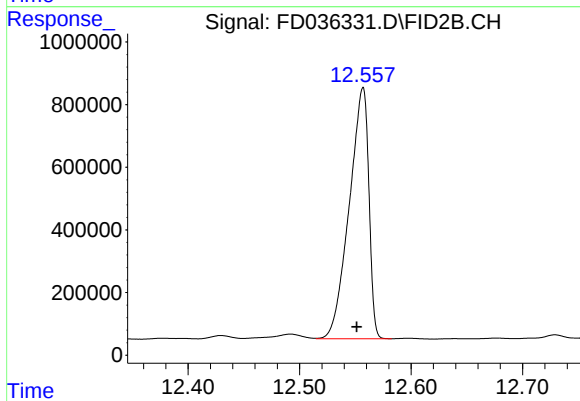
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: 0.004 min
Response: 8520971
Conc: 63.47 ug/ml



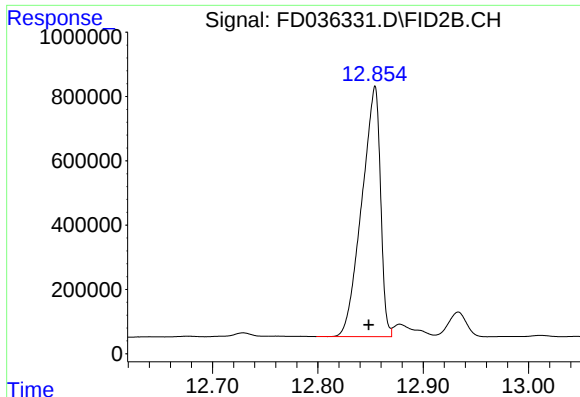
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 8684599
Conc: 61.64 ug/ml



#12 Fluoranthene (C21.85)

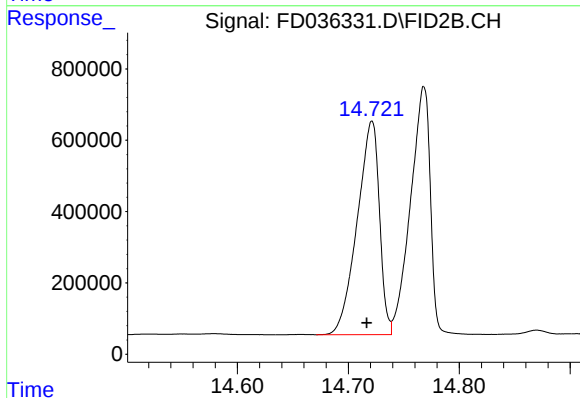
R.T.: 12.557 min
Delta R.T.: 0.005 min
Response: 9780559
Conc: 70.43 ug/ml



#13 Pyrene (C20.8)

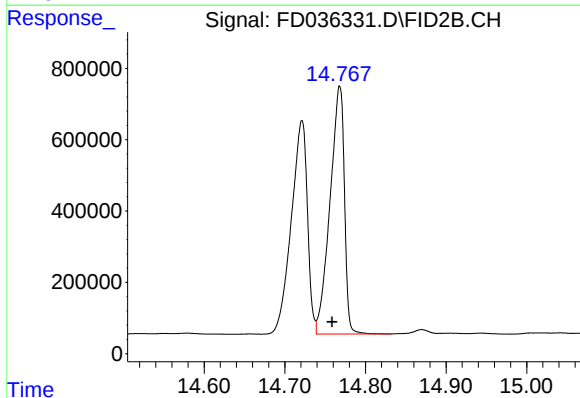
R.T.: 12.854 min
Delta R.T.: 0.006 min
Response: 9598782
Conc: 70.01 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



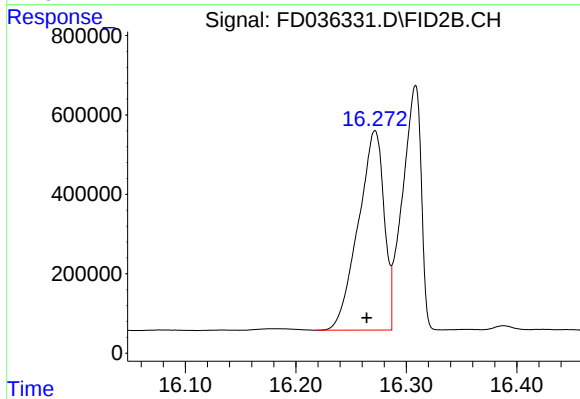
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.721 min
Delta R.T.: 0.005 min
Response: 8330251
Conc: 65.86 ug/ml



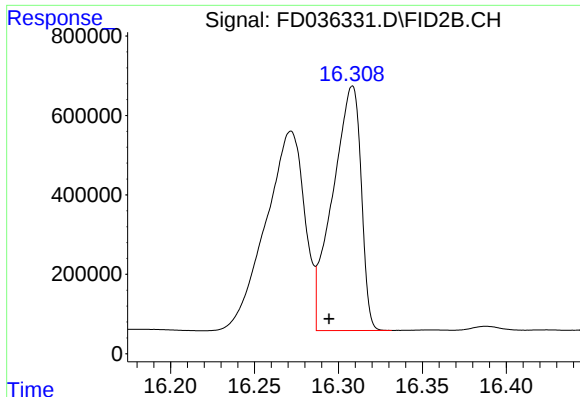
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: 0.009 min
Response: 8620425
Conc: 66.57 ug/ml



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

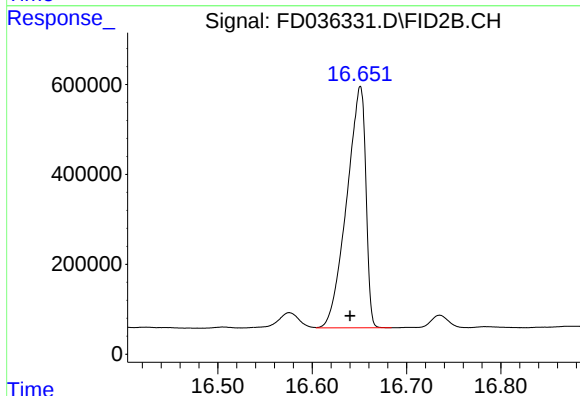
R.T.: 16.272 min
Delta R.T.: 0.008 min
Response: 8152354
Conc: 66.99 ug/ml



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

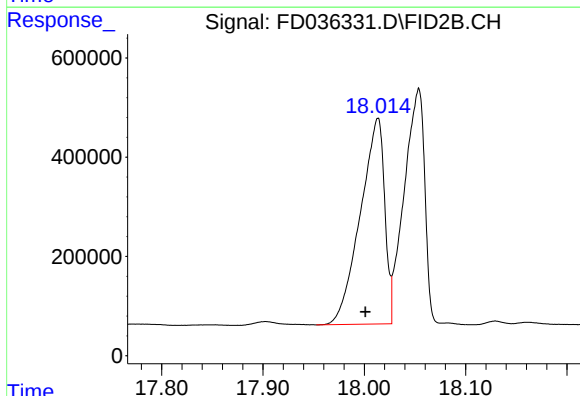
R.T.: 16.308 min
Delta R.T.: 0.014 min
Response: 7263280
Conc: 61.68 ug/ml

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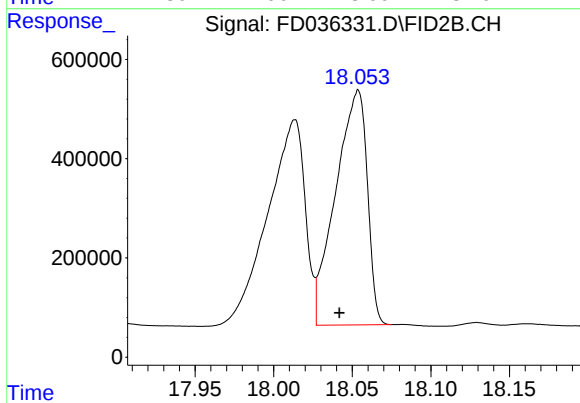
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: 0.011 min
Response: 7555914
Conc: 68.52 ug/ml



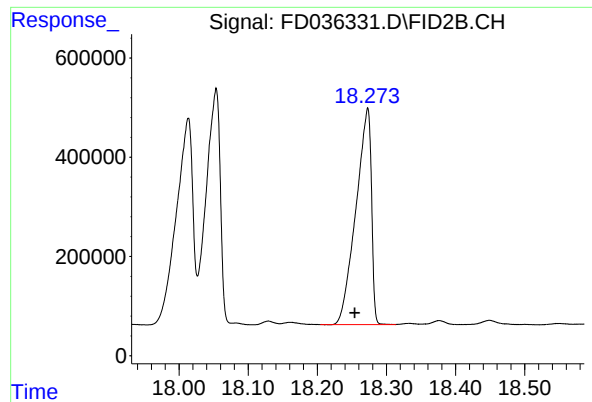
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.012 min
Response: 6923724
Conc: 62.58 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.012 min
Response: 6629314
Conc: 59.91 ug/ml



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

R.T.: 18.273 min
Delta R.T.: 0.019 min
Response: 6796324
Conc: 61.47 ug/ml

Instrument :
FID_D
ClientSampleId :
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