

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AR\
 Data File : FD035206.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2020 14:53
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 03:21:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.644	2373672	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
6) S 2-Fluorobiphenyl (SURR)	8.509	1630477	20.510 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.02%
11) S ortho-Terphenyl (SURR)	11.547	2714831	20.596 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	2692475	20.703 ug/ml
2) T Naphthalene (C11.7)	5.982	2793840	20.543 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	2788740	20.463 ug/ml
5) T Acenaphthylene (C15.06)	8.310	2690028	20.227 ug/ml
7) T Acenaphthene (C15.5)	8.605	2808067	20.757 ug/ml
8) T Fluorene (C16.55)	9.387	2673972	20.611 ug/ml
9) T Phenanthrene (C19.36)	10.784	2611387	20.604 ug/ml
10) T Anthracene (C19.43)	10.859	2551933	19.967 ug/ml
12) T Fluoranthene (C21.85)	12.595	2565835	20.597 ug/ml
13) T Pyrene (C20.8)	12.893	2464660	20.166 ug/ml
14) T Benzo[a]anthracene (C...	14.764	2170376	20.475 ug/ml
15) T Chrysene (C27.41)	14.806	2405614	20.558 ug/ml
16) T benzo[b]fluoranthene ...	16.315	2102796	20.488 ug/ml
17) T Bnezo[k]fluoranthene ...	16.346	2185359	20.838 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.694	1959650	20.691 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	1872020	21.108 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	2122429	20.934 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	2013984	21.077 ug/ml

(f)=RT Delta > 1/2 Window

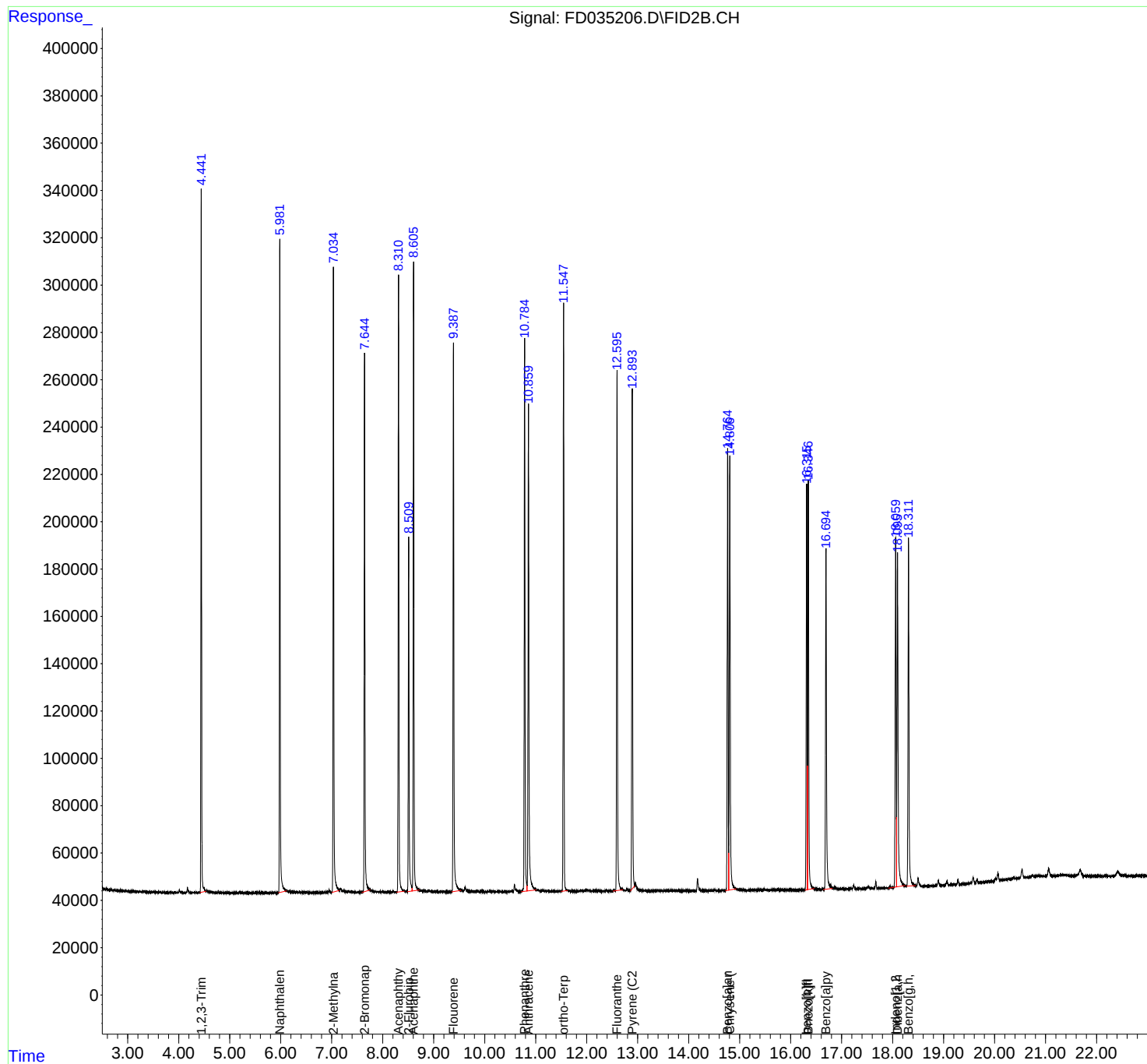
(m)=manual int.

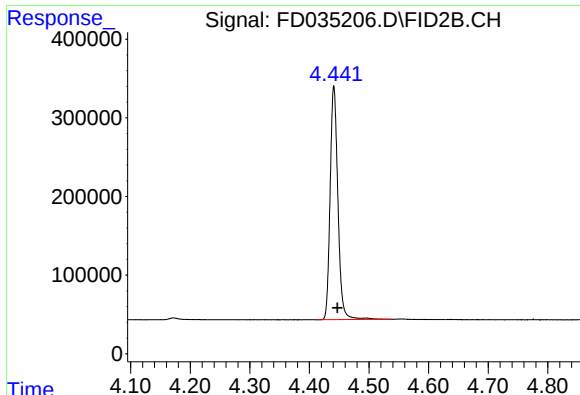
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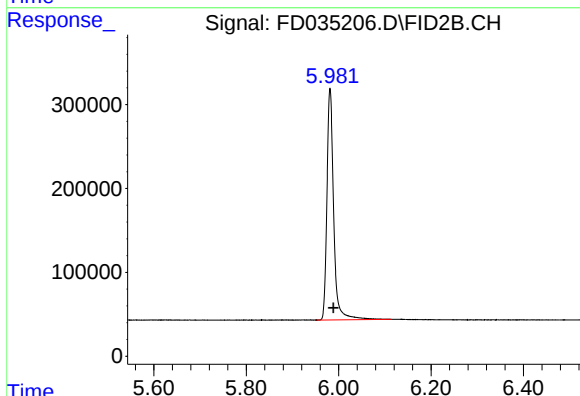




#1 1,2,3-Trimethylbenzene (C10.1)

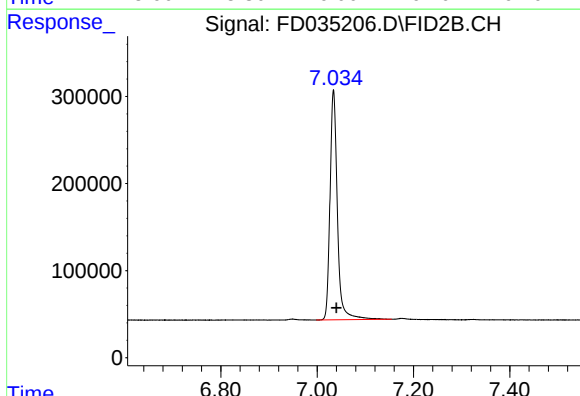
R.T.: 4.441 min
Delta R.T.: -0.006 min
Response: 2692475
Conc: 20.70 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



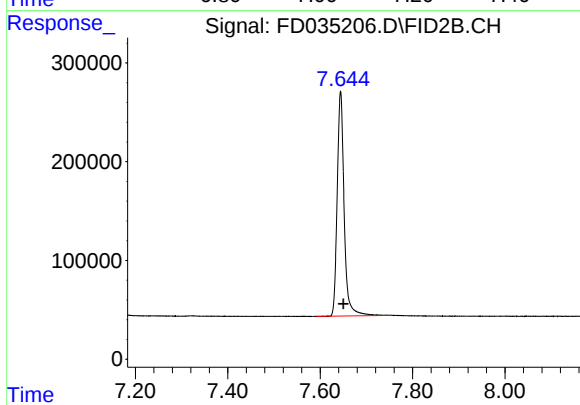
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.007 min
Response: 2793840
Conc: 20.54 ug/ml



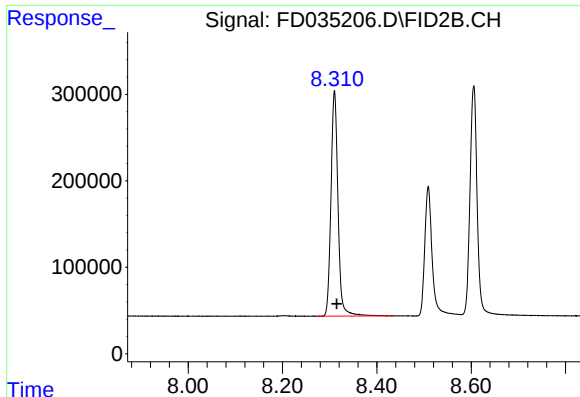
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 2788740
Conc: 20.46 ug/ml



#4 2-Bromonaphthalene (SURR)

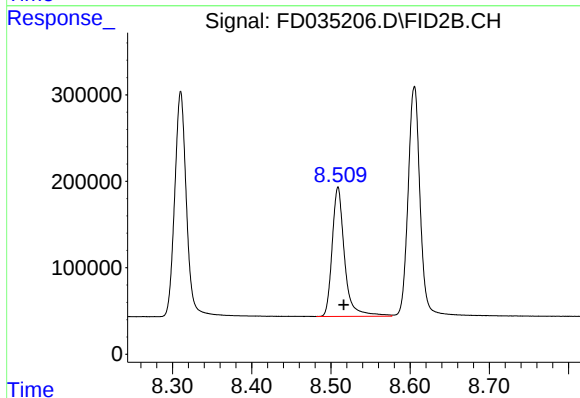
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 2373672
Conc: 20.59 ug/ml



#5 Acenaphthylene (C15.06)

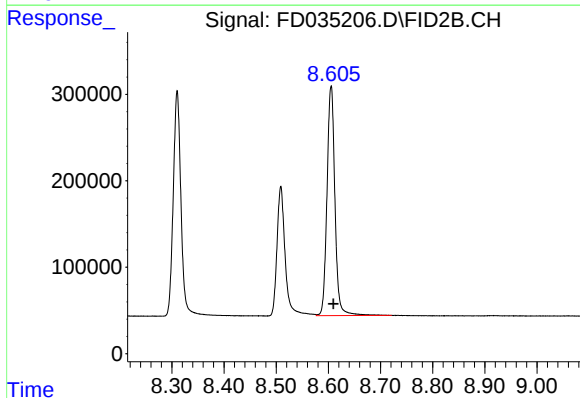
R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 2690028
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



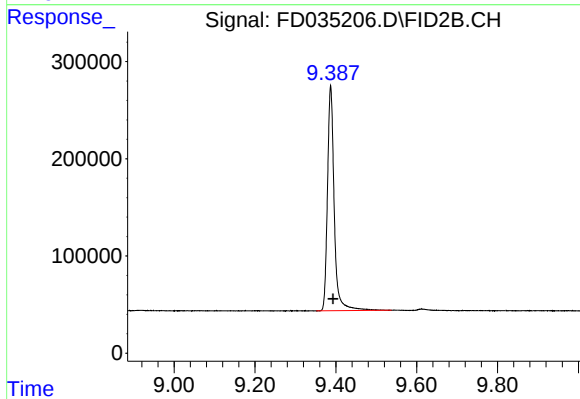
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.007 min
Response: 1630477
Conc: 20.51 ug/ml



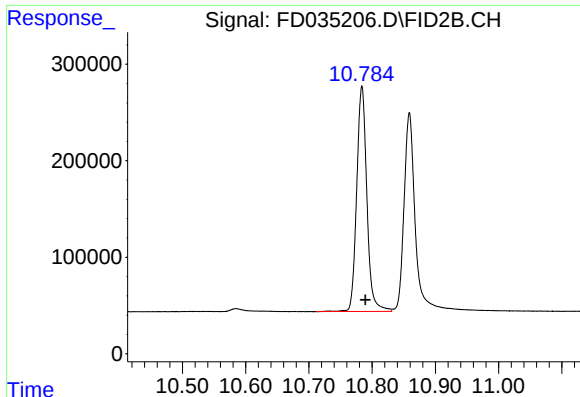
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: -0.004 min
Response: 2808067
Conc: 20.76 ug/ml



#8 Fluorene (C16.55)

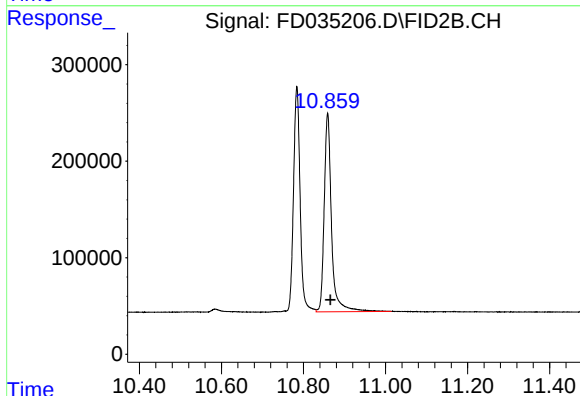
R.T.: 9.387 min
Delta R.T.: -0.006 min
Response: 2673972
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

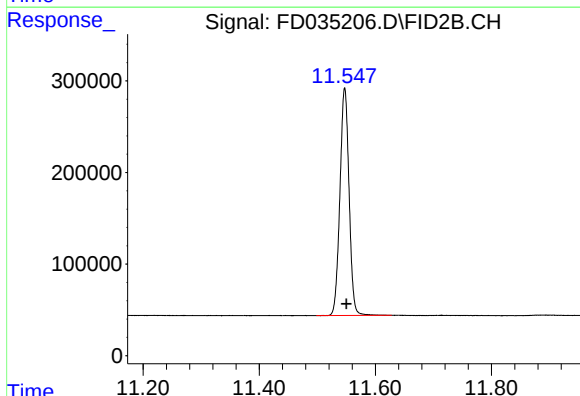
R.T.: 10.784 min
Delta R.T.: -0.006 min
Response: 2611387
Conc: 20.60 ug/ml

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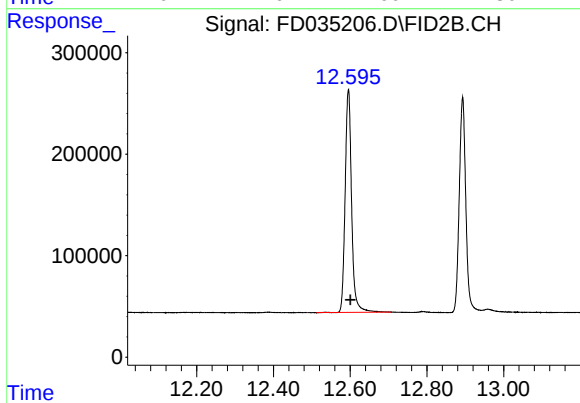
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.007 min
Response: 2551933
Conc: 19.97 ug/ml



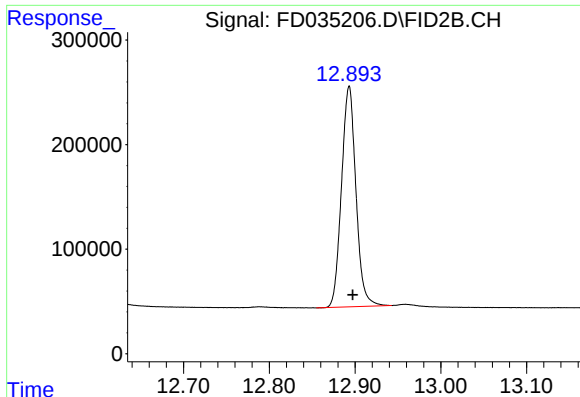
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: -0.003 min
Response: 2714831
Conc: 20.60 ug/ml



#12 Fluoranthene (C21.85)

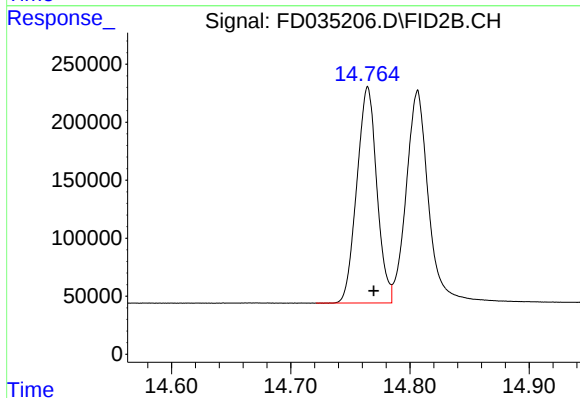
R.T.: 12.595 min
Delta R.T.: -0.005 min
Response: 2565835
Conc: 20.60 ug/ml



#13 Pyrene (C20.8)

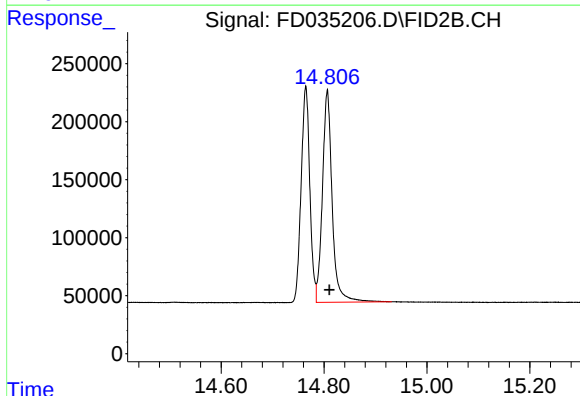
R.T.: 12.893 min
Delta R.T.: -0.004 min
Response: 2464660
Conc: 20.17 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



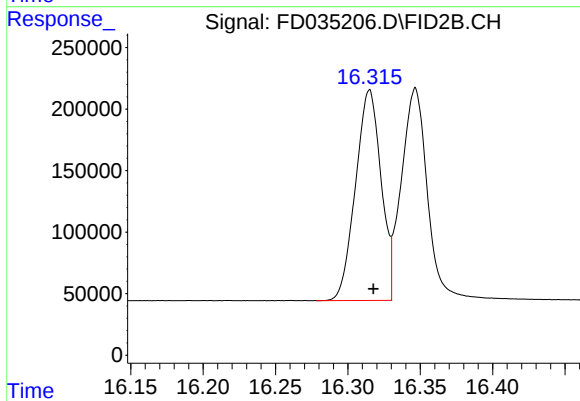
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: -0.005 min
Response: 2170376
Conc: 20.47 ug/ml



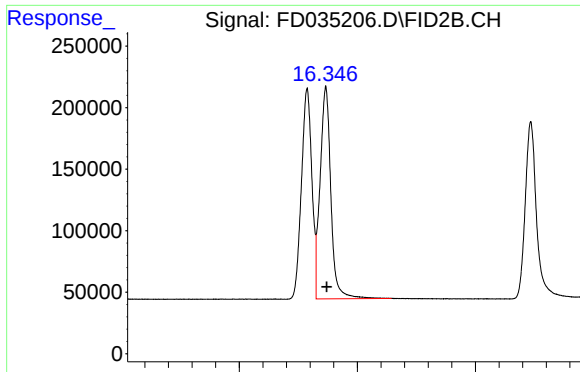
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: -0.004 min
Response: 2405614
Conc: 20.56 ug/ml



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

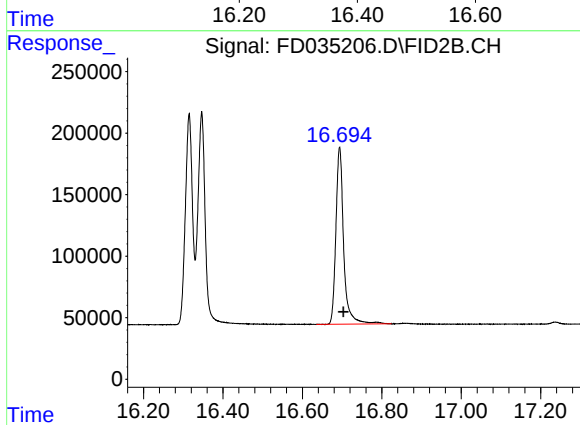
R.T.: 16.315 min
Delta R.T.: -0.003 min
Response: 2102796
Conc: 20.49 ug/ml



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

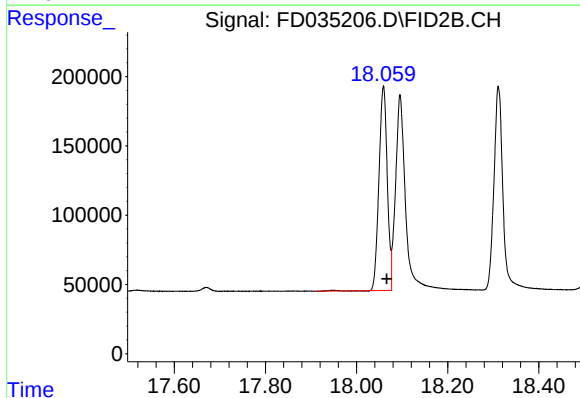
R.T.: 16.346 min
Delta R.T.: -0.002 min
Response: 2185359
Conc: 20.84 ug/ml

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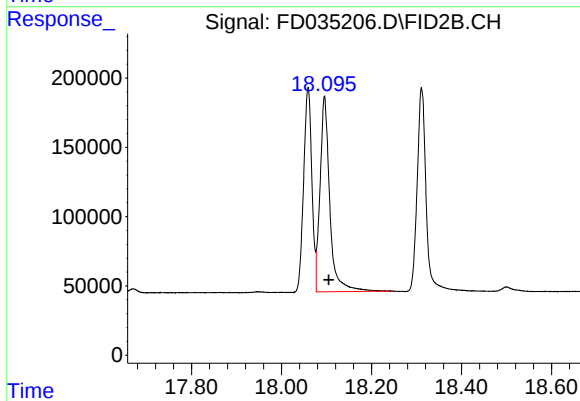
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.694 min
Delta R.T.: -0.009 min
Response: 1959650
Conc: 20.69 ug/ml



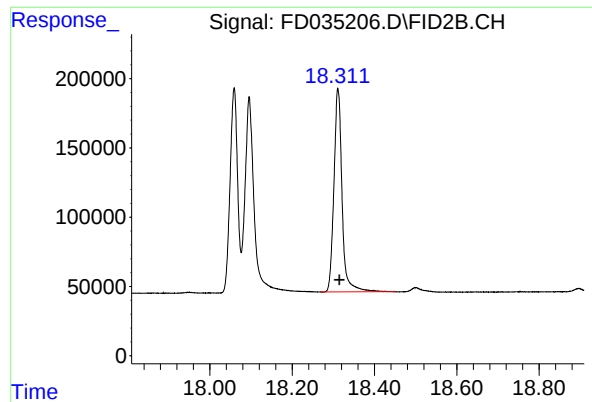
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: -0.008 min
Response: 1872020
Conc: 21.11 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 2122429
Conc: 20.93 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.004 min
Response: 2013984
Conc: 21.08 ug/ml

Instrument :
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