

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AR\
 Data File : FD036593.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 7:59
 Operator : DD\AJ
 Sample : PB135371BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135371BS

Integration File: autoint1.e
 Quant Time: Mar 29 08:58:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.594	5999156	42.655 ug/ml
Spiked Amount 50.000		Recovery =	85.31%
6) S 2-Fluorobiphenyl (SURR)	8.454	4000447	42.618 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.24%
11) S ortho-Terphenyl (SURR)	11.494	5022240	32.883 ug/ml
Spiked Amount 50.000		Recovery =	65.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	4368244	29.801 ug/ml
2) T Naphthalene (C11.7)	5.930	4984865	31.718 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	5164068	32.858 ug/ml
5) T Acenaphthylene (C15.06)	8.257	5015669	33.473 ug/ml
7) T Acenaphthene (C15.5)	8.553	5215415	33.597 ug/ml
8) T Fluorene (C16.55)	9.333	5266848	34.982 ug/ml
9) T Phenanthrene (C19.36)	10.727	5233109	35.703 ug/ml
10) T Anthracene (C19.43)	10.802	5196157	35.893 ug/ml
12) T Fluoranthene (C21.85)	12.537	5018835	35.748 ug/ml
13) T Pyrene (C20.8)	12.833	4908062	35.772 ug/ml
14) T Benzo[a]anthracene (C...	14.700	4264314	35.907 ug/ml
15) T Chrysene (C27.41)	14.744	4456125	36.848 ug/ml
16) T benzo[b]fluoranthene ...	16.247	3978621	36.258 ug/ml
17) T Bnezo[k]fluoranthene ...	16.281	3846254	36.184 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.625	3839633	38.527 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	3524130	35.060 ug/ml
20) T Dibenz[a,h]anthracene...	18.026	3685972	36.555 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	3679823	36.318 ug/ml

(f)=RT Delta > 1/2 Window

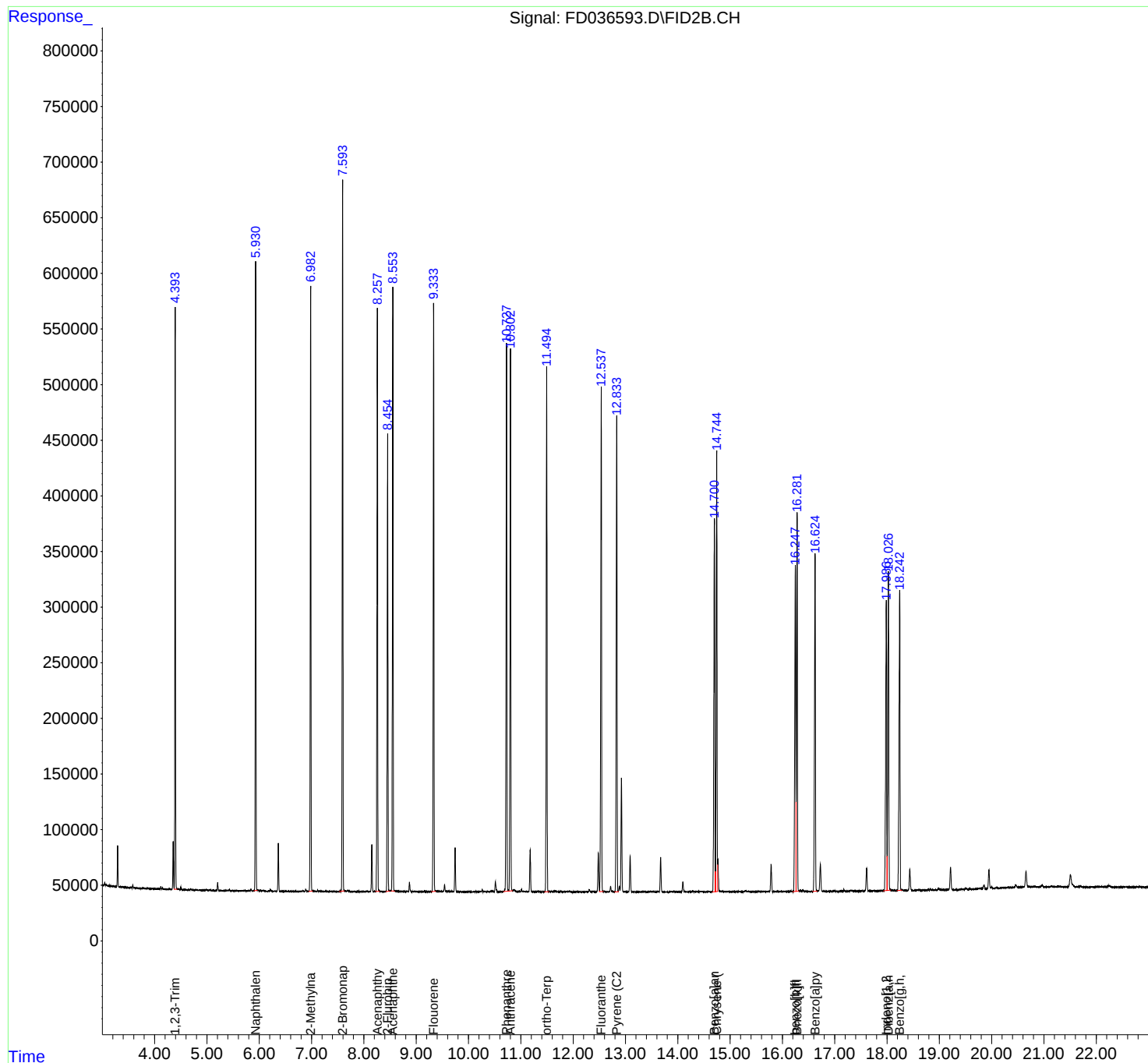
(m)=manual int.

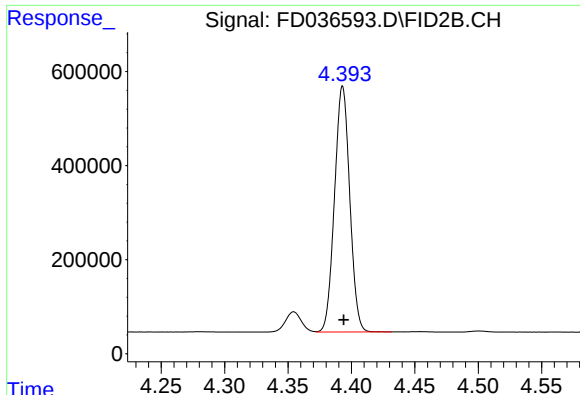
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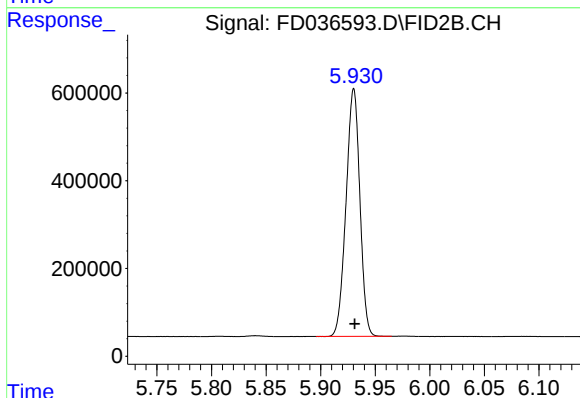




#1 1,2,3-Trimethylbenzene (C10.1)

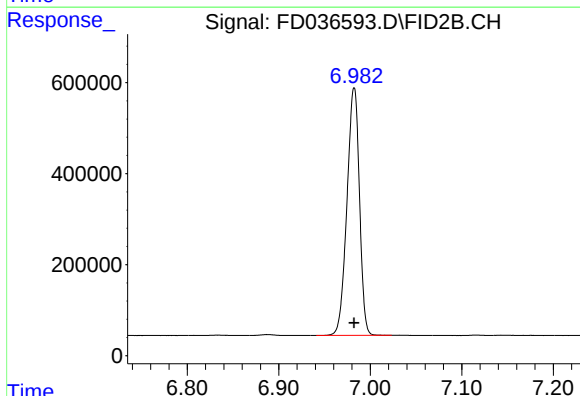
R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 4368244
Conc: 29.80 ug/ml

Instrument :
FID_D
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PB135371BS



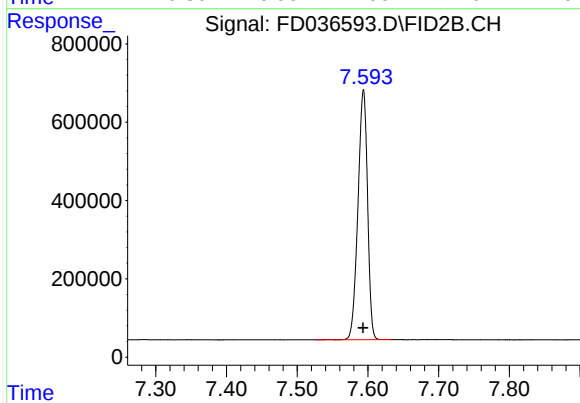
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 4984865
Conc: 31.72 ug/ml



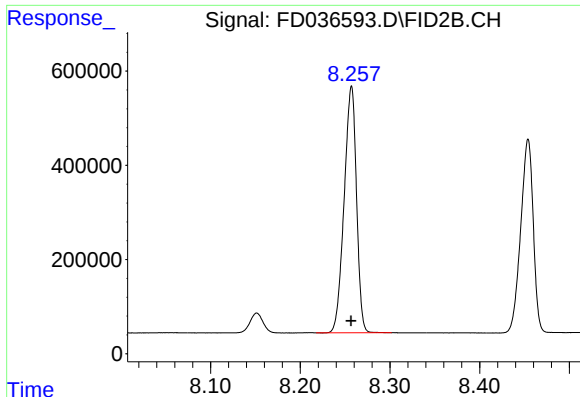
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 5164068
Conc: 32.86 ug/ml



#4 2-Bromonaphthalene (SURR)

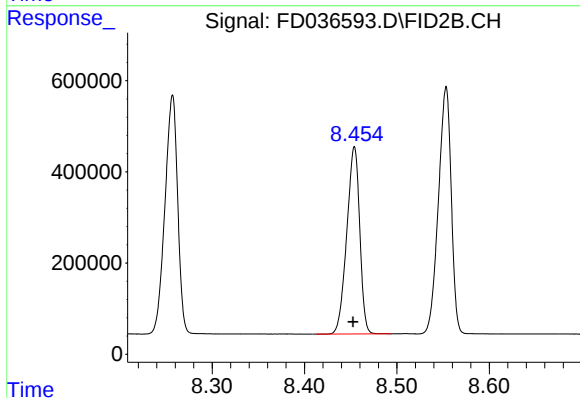
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 5999156
Conc: 42.66 ug/ml



#5 Acenaphthylene (C15.06)

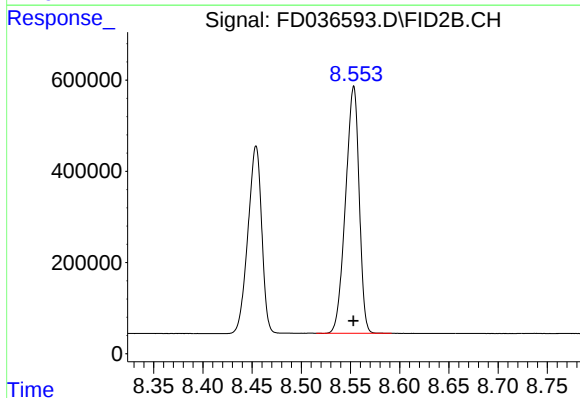
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 5015669
Conc: 33.47 ug/ml

Instrument :
FID_D
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PB135371BS



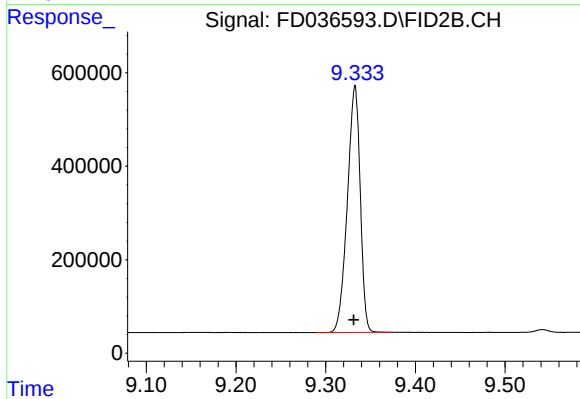
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 4000447
Conc: 42.62 ug/ml



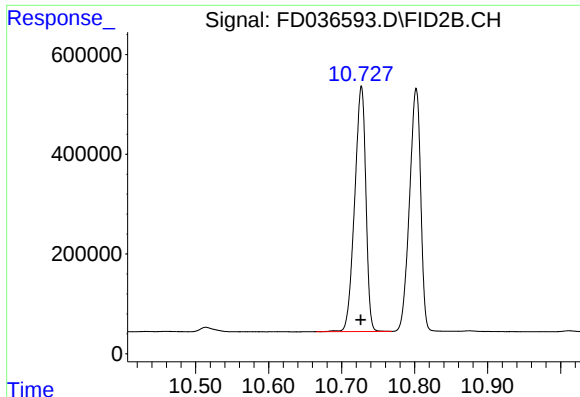
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 5215415
Conc: 33.60 ug/ml



#8 Flouorene (C16.55)

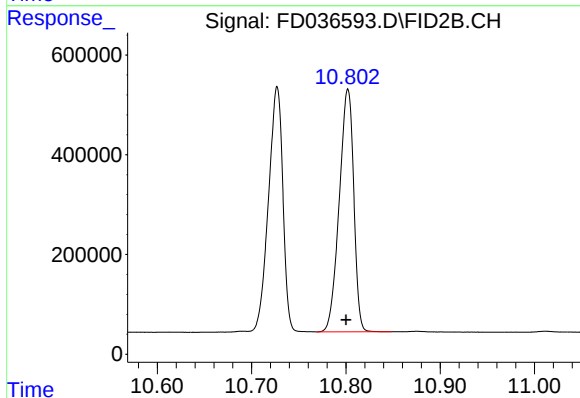
R.T.: 9.333 min
Delta R.T.: 0.001 min
Response: 5266848
Conc: 34.98 ug/ml



#9 Phenanthrene (C19.36)

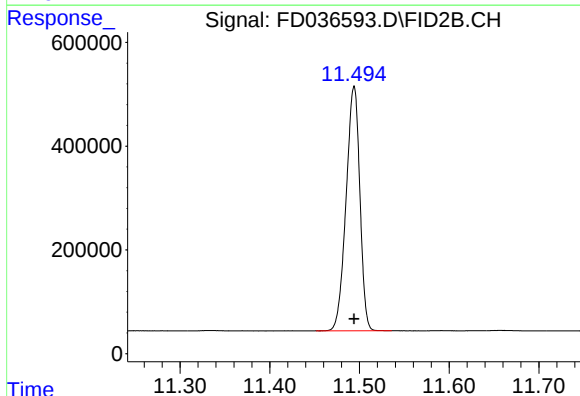
R.T.: 10.727 min
Delta R.T.: 0.001 min
Response: 5233109
Conc: 35.70 ug/ml

Instrument :
FID_D
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PB135371BS



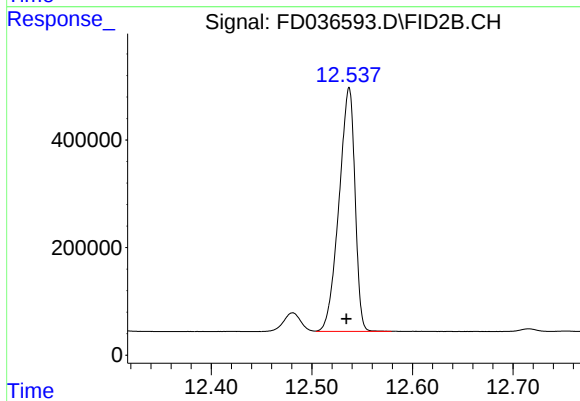
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: 0.002 min
Response: 5196157
Conc: 35.89 ug/ml



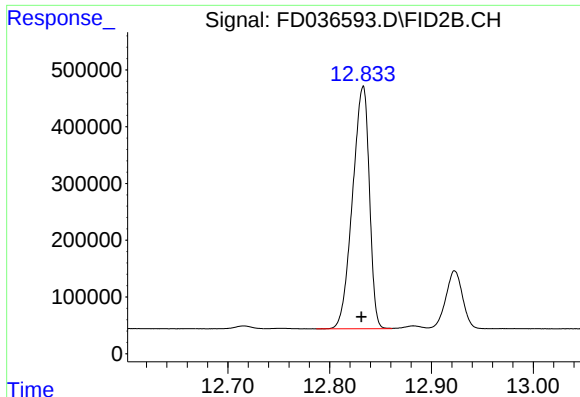
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5022240
Conc: 32.88 ug/ml



#12 Fluoranthene (C21.85)

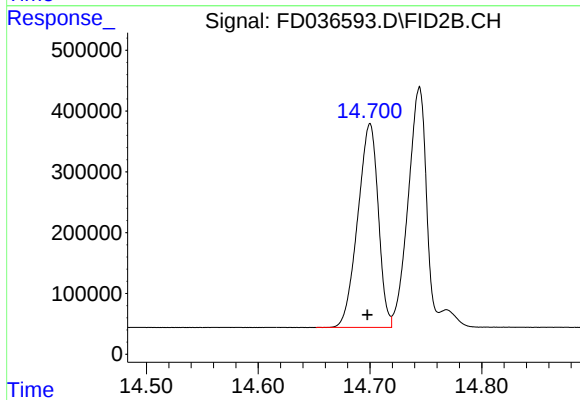
R.T.: 12.537 min
Delta R.T.: 0.003 min
Response: 5018835
Conc: 35.75 ug/ml



#13 Pyrene (C20.8)

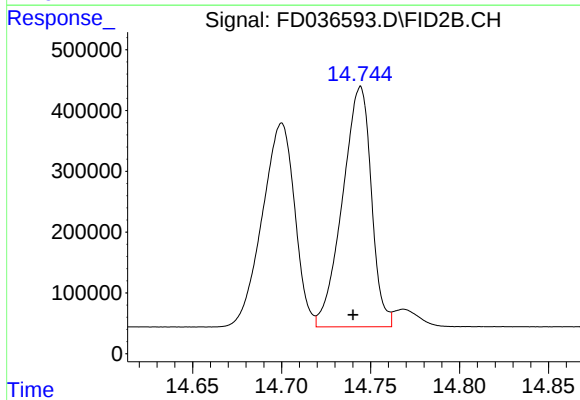
R.T.: 12.833 min
Delta R.T.: 0.002 min
Response: 4908062
Conc: 35.77 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135371BS



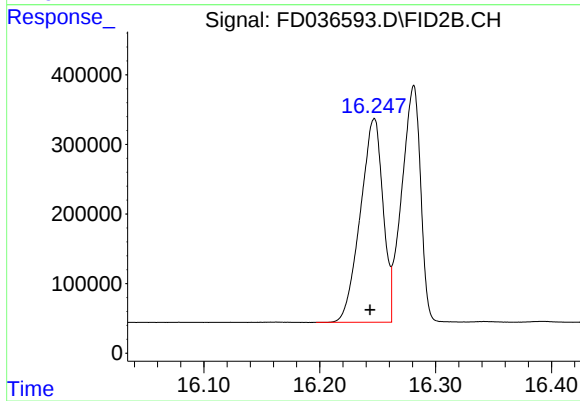
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.002 min
Response: 4264314
Conc: 35.91 ug/ml



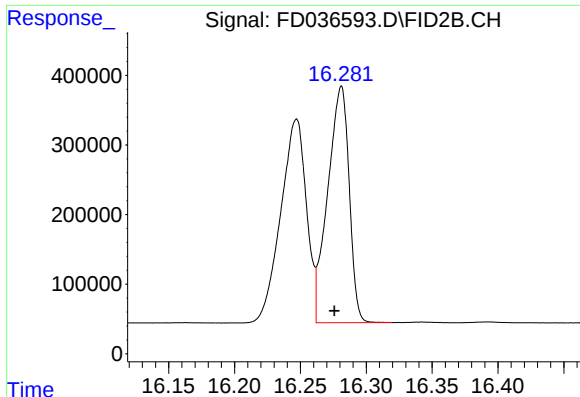
#15 Chrysene (C27.41)

R.T.: 14.744 min
Delta R.T.: 0.004 min
Response: 4456125
Conc: 36.85 ug/ml



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

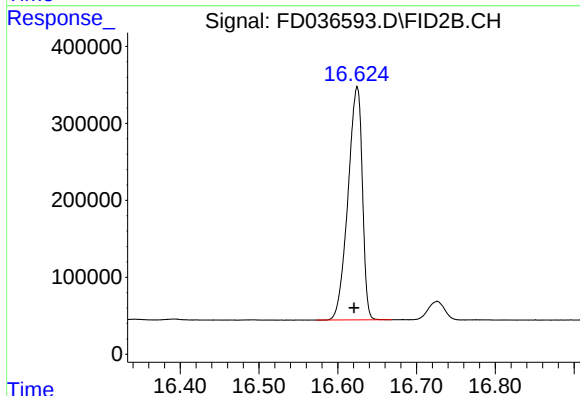
R.T.: 16.247 min
Delta R.T.: 0.003 min
Response: 3978621
Conc: 36.26 ug/ml



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

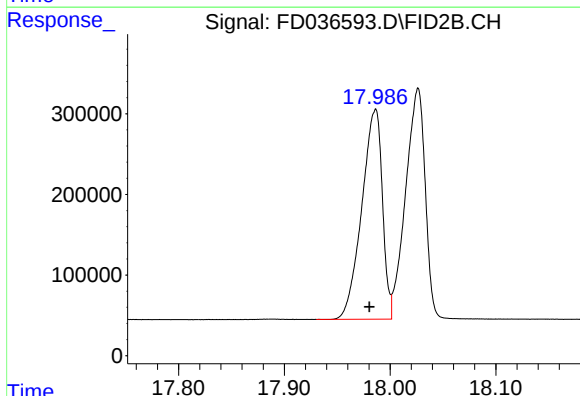
R.T.: 16.281 min
Delta R.T.: 0.005 min
Response: 3846254
Conc: 36.18 ug/ml

Instrument :
FID_D
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PB135371BS



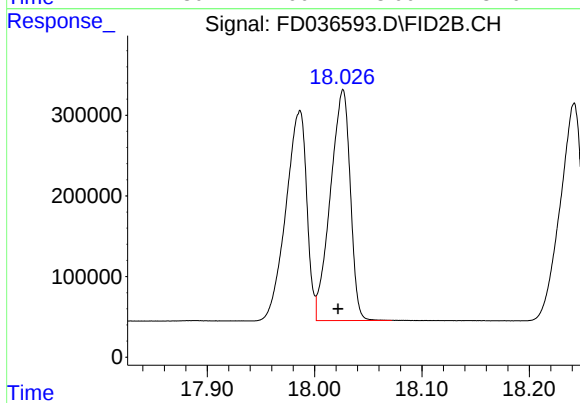
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.625 min
Delta R.T.: 0.004 min
Response: 3839633
Conc: 38.53 ug/ml



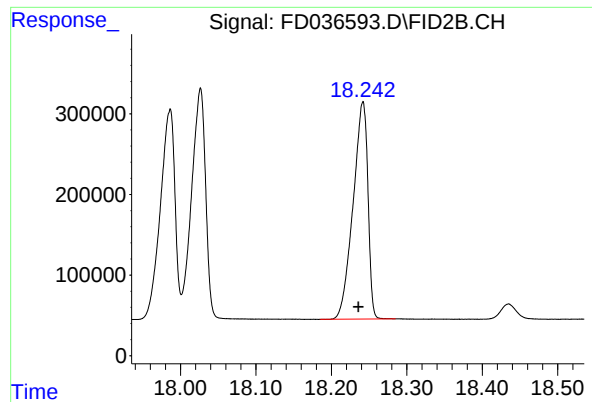
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 3524130
Conc: 35.06 ug/ml



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

R.T.: 18.026 min
Delta R.T.: 0.005 min
Response: 3685972
Conc: 36.56 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.006 min
Response: 3679823
Conc: 36.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135371BS